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An Online Image Marketplace

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MSIS
PROJECT APPROVAL FORM

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Expected Graduation Date: December 2002

Master's Project Title: An Online Image Marketplace

Date Project Plan Approved: September 2002

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An Online Image Marketplace

By: Hongbin Xie

A project submitted in partial fulfillment of the requirements for the

Master of Science in Information Systems

Dakota State University

2002

ABSTRACT

This paper involves in the development of online image marketplace. Online images service is growing at amazing speed in the United States. Not only mass media, but also many publishing organizations, commercial designing and advertising companies, electronic media, and other personal users are using all kinds of images. The fast growth of the Internet and digital camera technologies has greatly pushed this trend.

This MSIS project is to establish a website- an innovative Internet-based marketplace that brings buyers and sellers to trade images. The principle difference between this web site and the others is that buyers do not purchase images from a website, like what they are doing on existing websites, they buy from sellers directly. This website acts only as a marketplace where buyers can use search engine to find specific items they are interested in, then use their credit cards to purchase from the ones who upload the images on the website

The technologies involves in this project are JavaScript, PHP, MySQL, search engine, and shopping cart etc..

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1 INTRODUCTION

The *Introduction* includes the background of online image industry, the overview of the project problems, and the brief description of the project objectives.

1.1 Agency VS Marketplace

Ever since human beings entered the information age, images are widely used in many industries and playing an irreplaceable role in our daily life. Not only does the mass media use images, but also publishing organizations, commercial designing and advertising companies, electronic media, and many other users use images. Online photos service is growing at amazing speed in the United States. According to the prediction of <http://www.infotrends-rgi.com>, from 2001 to 2006, the revenue of online photo service will increase from \$32.9 million to \$300 million [1]. This is a large market with remarkable business opportunities. At present, there are some web sites in the states offering online photo services, such as *blackStar.com*, *corbis.com*, *photo.net* and *photos.com* etc., most of which are photo agencies, offering images that they have obtained copyrights. They play a traditional role in the image market where sellers are agencies rather than authors. In reality, many photographers would like to break the barrier that they must sell their images through agencies, on the other hand, it is also difficult for buyers to find the images they needed in the traditional way. The purpose of this project is to design a revolutionary professional online image marketplace, offering an image marketplace where both buyers and sellers have chance to meet each other face to face and close deals without any interruption by traditional agencies. Buyers will have more choices of high quality works of more artists, and the sellers will have more opportunities to sell their works. The

difference between this revolutionary marketplace and traditional agency is that buyers are buying images directly from artists rather than buying images from web sites.

1.2 E-commerce Strategy of TXphotos.com

E-commerce has been growing with the Internet after its immerging in the United States at a very fast speed. For an instance, Dell Computer Corporation, the world largest computer maker, launched its www.dell.com in 1996, using this system, customers could order computer systems and services on the Internet. The next year, Dell's online sales reached \$4 million per day. In 2000, the number increased to \$50 million per day [2].

According to Forrester research director Kate Delhagen, online sales accounted for US\$51.3 billion in revenue during 2001. Revenue for 2002 is expected to total \$72.1 billion, a 41 percent increase over last year [3].

My project is to develop an EC application in imaging industry. It is a web-based database system -- online image marketplace.

1.3 Problems Overview

- E-commerce strategy
- Image standards
- Cost minimizing
- Designing user-friendly web sites for customers
- Designing administration web pages

1.4 Objectives Overview

- Create the strategy of online image marketplace
- Minimize the cost
- Design web site for users
- Design maintenance website

2 STATEMENT OF PROBLEM

2.1 Analysis of Online Image Industry

After significant market consolidation, the online photo services market is now on a positive trajectory. The remaining players in the space have scaled back free print offers and boosted site features that help users more easily buy prints and photo merchandise. As a result, total online photofinishing revenue in North America grew 183% between 2000 and 2001, while revenue per photo-pushing member increased 110%.

Several standalone online photo services providers are expecting to reach sustainable profitability in 2002. From 2002 to 2007, online photofinishing revenue is projected to grow at a compound annual rate of 39% in North America, 40% worldwide.

"The road ahead promises growth, but it will not be simple," said Lia Schubert, research analyst, *InfoTrends* Research Group. "Direct consumer use of online services will eventually reach a plateau, as the balance of printing is done at home and retail. Yet online services will continue to grow in their role as a hub in an expanding network for anytime/anywhere photofinishing, for which there are several significant initiatives underway. This bright future is tempered by a present reality of relatively low, but rapidly growing, revenue." [4]

Online photo services are gaining ground. A recent study of 1,850 U.S. Internet users conducted by *InfoTrends* Research Group, Inc. shows that 17% of Internet

users have posted a photo to a photo service Web site, up from 15% a year earlier. Similarly, the percent of Internet users who have visited photo Web sites is also on the rise.

The survey underscored the ongoing difficulties facing the online photo space. Users are posting a growing number of photos, leading to increased storage costs for service providers. With low print volume per member and few users willing to pay for storage or subscription memberships, financial success has been a puzzle for many players in this market.

However, the industry has begun to show a bright future. "Over the past year, many online photo service providers have made profitability priority number one," said Lia Schubert, research analyst, *InfoTrends* Research Group. "The survey results reflect these efforts - a growing number of users are ordering prints and merchandise while the percent of prints received for free has declined dramatically."

2.2 Analysis of Feasibility

In the image industry, many people and organizations are interested in on line shopping. The expected ultimate users of this online marketplace are those who would like to trade images online. This new method will be proved time efficient and win-win for both trade parties. For sellers, they will have more opportunities to obtain income due to the fact that their works will be exhibited 24 hour a day, year long, like a free personal exhibition that is never closed. For buyers, they will be fascinated to find that it has never been so easy to buy the right images from the right artists at more reasonable prices.

As far as economic feasibility is concerned, the cost of this project is considerably low, which only include web hosting fee, one personal workstation, and one employee salary. As the system adopts PHP and MySQL open source software, the web-hosting cost will be controlled within \$300 per year. Upon web site expanding, only one server and a dedicate line need to be purchased or leased. By that time, open source software combination of Linux, Apache, PHP, and MySQL might be introduced to keep the low cost model of this project. No computer professionals are needed to do daily maintenance of this online marketplace. After short training, any worker who can use computer will do maintenance job well.

In conclusion, this web site is feasible in both market potentiality and cost efficiency.

2.3 Comparison with Other Competitors

The major players in the U.S. image industry, such as <http://www.corbis.com/> [5], www.blackstar.com[6], and www.photos.com[7] are all acting as agencies, providing photos of which they have purchased the copyrights. Image authors have no say in the selling of their works on the Internet. The uniqueness of my project is that this web site acts as an e-marketplace where authorized artists have access to upload their small-sized, low resolution image samples and set their desired prices. When potential buys are interested in particular images, they can input their orders on the web site, upon authors' confirmation within limited time, funds transaction are automatically carried out by charging buyers' credit cards. By the time payments are received, authors are obliged to deliver high

resolution images to the buyers, and 15% of the purchase price are charged by the website as commission.

This strategy solves the problem caused by the fact that many artists are not willing to sell their copyrights to traditional agencies and buyers have limited direct access to find the images they desire, thus providing real freedom in online image trading. On the other hand, compared with traditional agencies, this project saves the tremendous investment that needs to purchase copyrights from authors.

All these unique features will make my web site unbeatable in online image trading competition and gain a remarkable market share.

2.4 Problem Description

2.4.1 E-commerce Strategy

To guarantee the success of this project, several strategies have to be set forward to make the website outstanding from the others and appealing to more customers.

2.4.2 Image Standards

As the web site is an online image marketplace, exhibiting a great number of images, image standards must be established, which should include image category, file size, format, and resolution etc..

2.4.3 Minimize Costs

In order to save costs, the project will adopt free software to minimize the problem that bothers many e-commerce companies.

2.4.4 User Friendly Website Design

In order to attract more customers, the web site should be user-friendly and easy to operate. User interaction should be efficient and in time.

2.4.5 Daily Maintenance

The maintenance includes image checking up, image resizing, and report printing. In order to reduce costs, it should be designed easy to use and user-friendly, so that a non-professional employee can work on it.

3 PROJECT OBJECTIVES AND DELIVERABLES

After the analysis of online image industry and the problems statement, objectives and anticipated deliverables of the project need to be determined.

3.1 Objectives

3.1.1 Create the Strategy of Online Image Marketplace

Strategy is very important for an e-commerce web site. In a way, it can determine the success or failure of this project. A good strategy is the beginning of success.

The following issues must be involved in the strategy:

- How to create the image bank, so that the site can attract more image buyers
- Price policy
- Customer service policy
- Customer credit policy
- Transaction security
- Easy maintenance

3.1.2 Minimize Costs

Cost minimization is another benchmark of whether a website is successful or not. In the process of development and maintenance, affordability and profitability are the main concerns of developers and enterprises. The approaches that minimize website-designing costs can not only improve the competitiveness of developers and enterprises but also supply a low-cost access to better customer services. Therefore, we need a highly structured approach that builds flexibility and maintainability into a site from the start, an approach that separates data,

business logic and presentation, as well as provides cross-site consistency and greatly reduces the maintenance burden.

3.1.3 Design Website for Users

The web site should be easily maintainable. Users demand up-to-date information in a useful and usable manner, as users will not be tolerable to old, unchangeable contents on each visit, and eventually they will lose interest to come back. Also the website should provide easy operation and user-friendly interface. The communication between user and web site should be efficient and in time. Error control is important as well, whenever errors, such as wrong data input, occur, the system alarm should be given to the user.

3.1.4 Design Administration Website

In this web site, maintenance strategy involves technologies that allow non-professional employees to do the maintenance job.

3.2 Deliverables

3.2.1 The Business Strategy

3.2.2 The Website for Users

3.2.3 The Website for Maintenance

4 PROJECT IMPLEMENTATION

This chapter describes the web-based system design project from a process perspective. It provides the details involved in creating business strategy and creating the web site.

4.1 Business Model and Strategy

The first step in this project is to create an efficient business model and strategy for TXphotos.com in order to best strength its position in the online image industry. The followings describe the business model and strategy.

4.1.1 The Relationships Among TXphotos.com, Buyers, and Sellers

TXphotos.com will create an image marketplace on the Internet, with a database that stores customer personal information and their images. Sellers can upload their images to the image bank, set prices, state image description such as format and size, and provide delivery method. Buyers have free Internet access to the image bank. After they find the images they need to purchase, they can place orders online. Up receiving the orders, the website automatically informs the sellers, asking for their confirmation. The sellers have the choices of acceptance or cancellation of orders. Once the sellers confirm the orders, they are obliged to provide high-resolution version of the selected images, and mail to the buyers in two business days. At the same time of the receiving of confirmation, the website will charge the buyers' credit cards and deposit payment to the sellers accounts after deduction of commission that is 15% based on the price. In case the sellers have not shipped the items or the buyers' satisfaction has not been fulfilled, refunds will be made to the buyers after they

return the items. There is a rating system for both buyers and the sellers to insure the constraining power of online transaction.

4.1.2 Lower Investment and Operation Costs

The investment of this website involves developing cost, web hosting cost and equipment cost. Since the website doesn't need to purchase the copyrights from authors, TXphotos.com would be much more money economized than other competitors. Thanks to sellers' self uploading and shipping strategy, website daily maintenance is relatively easy, with only a few basic tasks which include image content checkup, finance transactions arrangement and printing administration reports. Thus low maintenance costs only include labor cost, office rent fee, domain name and web hosting cost.

4.1.3 Create Online Image Bank

A large image bank is essential for TXphotos.com. To facilitate sellers, they are not required to release copyrights or to provide high-resolution image files to TXphotos.com. All they need to do is to upload small sized samples. This policy will attract more potential sellers than other competitors due to its user friendly nature. The growth of customer number guarantees the growth of image number, therefore more potential buyers will be attracted to this web site.

4.1.4 Efficient Customer Service

TXphotos provides its customers a number of self-maintaining functions, such as profile update, image management, selling or purchasing, account checking, order tracking and personal shopping cart maintenance. The information of each transaction will be automatically sent to customers via email. Buyers will be asked to evaluate their sellers after transaction. Sellers with high credit scores

will have more chance to be trusted by potential buyers. This will help TXphotos keep a trustworthy trading environment.

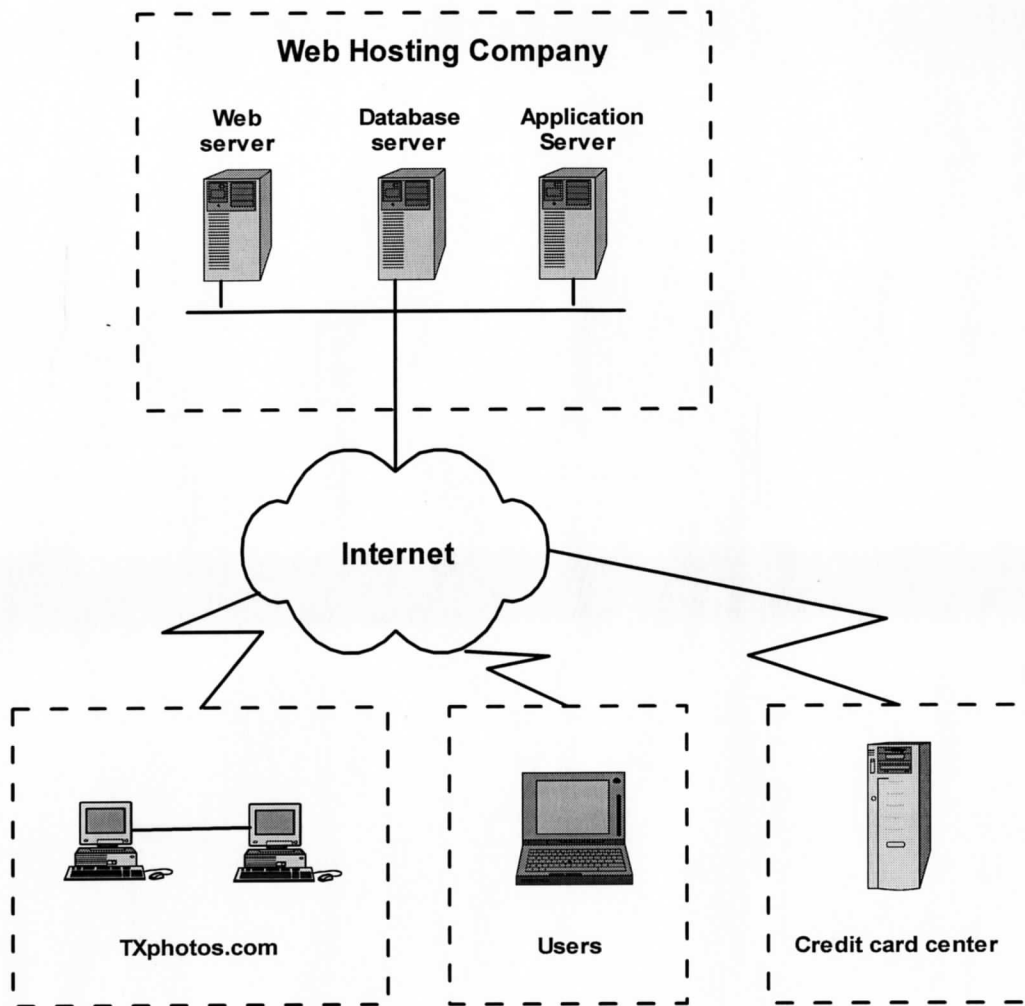
4.2 Technology Analysis and System Requirements

The priority to do in web design and development are technology analysis and requirement finalization.

4.2.1 System Architecture

One of the major measures adopted in cost cutting is to use web hosting services from other party. No funds are spent on hardware, software or dedicate line leasing. Web security issues will be taken care by ISP. In selection of ISP, PHP and MySQL support is a must.

Figure 1 System Architecture



4.2.2 Hardware Requirements

Configuration of servers is unnecessary for TXphotos. The requirements for client workstations are as the following:

- Pentium III 500GHz Processor
- 64 MB of RAM
- 20 GB Hard Drive
- 10/100 Network Interface card or modem
- CD-R/CD-RW Drive

4.2.3 Software Requirements

Operating system: Windows98/2000

Web server software: Apache HTTP Server 1.3.19

Database management software: MySQL 3.23.33

Programming language: PHP 4.04, Javascript

4.2.4 Software: Why PHP and MySQL?

When designing and developing an e-commerce site, there are many different products can be chosen. It also needs to choose hardware for the Web server, an operating system, Web server software, a database management system, and a programming or scripting language. Some of these choices will be dependent on the others. For example, not all operating systems will run on all hardware, not all scripting languages can connect to all databases, and so on. PHP is available for Microsoft Windows, for many versions of Unix, and with any full-functional Web server. MySQL is similarly versatile.

PHP was conceived in 1994 and was originally the work of one man, Rasmus Lerdorf. It was adopted by other talented people and has gone through three major rewrites to bring us the broad, mature product we are using today. As of January 2001, it was in use on nearly five million domains worldwide, and this number is growing rapidly. PHP is an Open Source product. Users can access to the source code, use it, alter it, and redistribute it all without charge.

PHP is server-side scripting language that can be embed within HTML. PHP code can be executed each time the page is visited, interpreting at the web server and generating HTML or other output.

To compare with other products, such as Perl, ASP, JSP, PHP has many strengths including the following:

- High performance

PHP is very efficient. Using a single inexpensive server, we can serve millions of hits per day.

- Interfaces to many different database systems

PHP has native connections available to many database systems, in addition to MySQL. Using ODBC (Open Database Connectivity Standard), we can connect to any database that provides an ODBC driver. This includes Microsoft products, and many others.

- Built-in libraries for many common Web tasks

Because PHP was designed for use on the Web, it has many built-in functions for performing many useful Web-related tasks. We can generate GIF images on-the-fly, connect to other network services, send email, work with cookies, and generate PDF documents, all with just a few lines of code.

- Low cost

PHP is free. The latest version from <http://www.php.net> [8] is available for download for no charge.

- Portability

PHP is available for many different operating systems. PHP code can be written on the free Unix-like operating system such as Linux, commercial Unix versions such as Solaris and IRIX, or on different versions of Microsoft Windows. The code written in PHP will usually work without modification on a different system running PHP.

- Availability of source code

Unlike commercial, closed-source products, if there is something that needs to be modified or added to the language, it is free to do this. No need to wait for the manufacturer to release patches. No need to worry about the manufacturer going out of business or deciding to stop supporting a product.

MySQL is a very fast, robust, relational database management system. A database enables its users to efficiently store, search, sort, and retrieve data. The MySQL server controls access to the data to ensure that multiple users can work with it concurrently, to provide fast access to it, and ensure that only authorized users can obtain access. Hence, MySQL is a multi-user, multi-threaded server. It uses SQL (Structured Query Language), the standard database query language worldwide. MySQL has been publicly available since 1996, but has a development history going back to 1979. It has now won the Linux Journal Readers' Choice Award three years running.

MySQL is now available under an open source license, but commercial licenses are also available if required.

MySQL has many strengths, including high performance, low cost, easy to configure and learn, portable, and the source code is available.

- Performance

MySQL is undeniably fast. We can see the developers' benchmark page at <http://web.mysql.com/benchmark.html> [9]. Many of these benchmarks show MySQL to be orders of magnitude faster than the competition.

- Low cost

MySQL is available at no cost, under an Open Source license, or at low cost under a commercial license if required for the application.

- Portability

MySQL can be used on many different UNIX systems as well as under Microsoft Windows.

- Source code

As with PHP, the source code for MySQL can be obtained and modified.

- Easy of use

Most modern databases use SQL. If someone has used another RDBMS, he or she should have no trouble adapting to this one. MySQL is also easier to set up than many similar products [10].

4.2.5 Image Standard

4.2.5.1 Topic Category

- Nature
- Portrait
- Abstract
- Macro
- Architecture

4.2.5.2 Equipment Category

- 35mm Camera
- Medium format
- Large format

- Digital Camera

4.2.5.3 Media Format

- Color film
- Black film
- Infrared film
- Digital

4.2.5.4 Resolution of Purchased Images

- Pixels dimension: low, medium, high
- Output size of 300 PPI: low, medium, high
- File size: low, medium, high

4.2.5.5 File Format

- JPG
- GIF
- PNG

4.2.5.6 Use Type

- For professional use
- For personal use: presentation use, web use, and best print use.

4.2.5.7 File Size for Display

- Small size: height or width less than 144 pixels.
- Large size: height or width less than 640 pixels.

4.2.6 Functionality List

TXphotos consists of two parts: site for customers and site for maintenance.

4.2.6.1 Functionality List for Users

✓ Register

Allow user to register for the membership. Only after the registration can users buy or sell images on this web site. A confirmation email will be automatically sent to the user after registration.

✓ Log in

Log users into the system.

✓ Update Profile

Users can update their profiles.

✓ Search Engine

Visitors can search images by entering a keyword. An advance search function is also available.

✓ Image Enlargement

Image can be enlarged in a new window when the users click the image or the icon.

✓ Display Image Information

✓ Display Image Size and Price if Available

✓ Shopping Cart Management

Users can add or delete images in his or her shopping cart. The image price, size, author, and other information can be displayed.

✓ My Account: Users can manage the inventory of images uploaded. Details of transactions history can be displayed and orders can be tracked.

✓ Check Out

When a user confirms items in the shopping cart, an order will be displayed. Both seller and buyer will receive an email informing that an order has been placed.

✓ Order Confirmation

When a buyer places an order, the seller will receive an email asking him/her to confirm this order in three business days. Once the seller confirms this order, he or she must mail the item out in two days. If the seller fails to confirm, this order will be canceled and the buyer will be informed.

✓ Upload Image

Users can upload their images and input the image information. Uploaded images will be checked and approved by TXphotos before they are displayed to visitors. Each user will have a personal portfolio.

✓ Help

Visitors can learn how to buy and how to sell images on this web site.

4.2.6.2 *Functionality List for Maintenance*

✓ Image Checkup

Before being displayed, images will be checked and approved by the employees of *TXphotos.com*. If some images uploaded by certain customer involving political or adult content, they will be deleted and the seller will receive a warning email.

✓ Image Resizing

Images must be resized for display. The first step is to resize each image to standard size according to its original ratio of height and width. The maximal height and maximal width of the new image should be less than

640 pixels. The next step is to generate a small size for display as an icon. The maximal height and width will be less than 128 pixels according to its original size ratio.

✓ Data Backup

Backup all the tables.

✓ Printing Report

Generate the financial report and other reports for administration use.

✓ Commission Input

Store the commissions into table Order_item, according to the report from credit card center.

✓ Main Page Update

The main page introduces a new photographer every week. The content and images needs to be updated weekly.

4.3 Work Plan

Start Date: September 2, 2002

Completion Date: December 30, 2002

Table 1 Work Plan

Step	Deliverables	Estimate Days
Planning phase		12
Project initiation		
Identify business model	Business model	5
Feasibility analysis	Feasibility analysis	2
Project management		
Create work plan	Work plan	2
Prepare documentation		3
Analysis phase		11
Image standards	Image standards	3
Technology analysis		4
System requirements	System requirements	2
Functionality list	Functionality list	2
Design phase		52
System architecture design	System architecture	2
Software installation		2
Interface design	Interface design	10
Data storage design	Data storage design	3
Program design	Restructured models	34
	Class design	
	Method design	
Implementation phase		12
System testing	System testing	6
Documentation	Documentation	6
	Complete system	

4.4 Interface design

Figure 2 Main Page

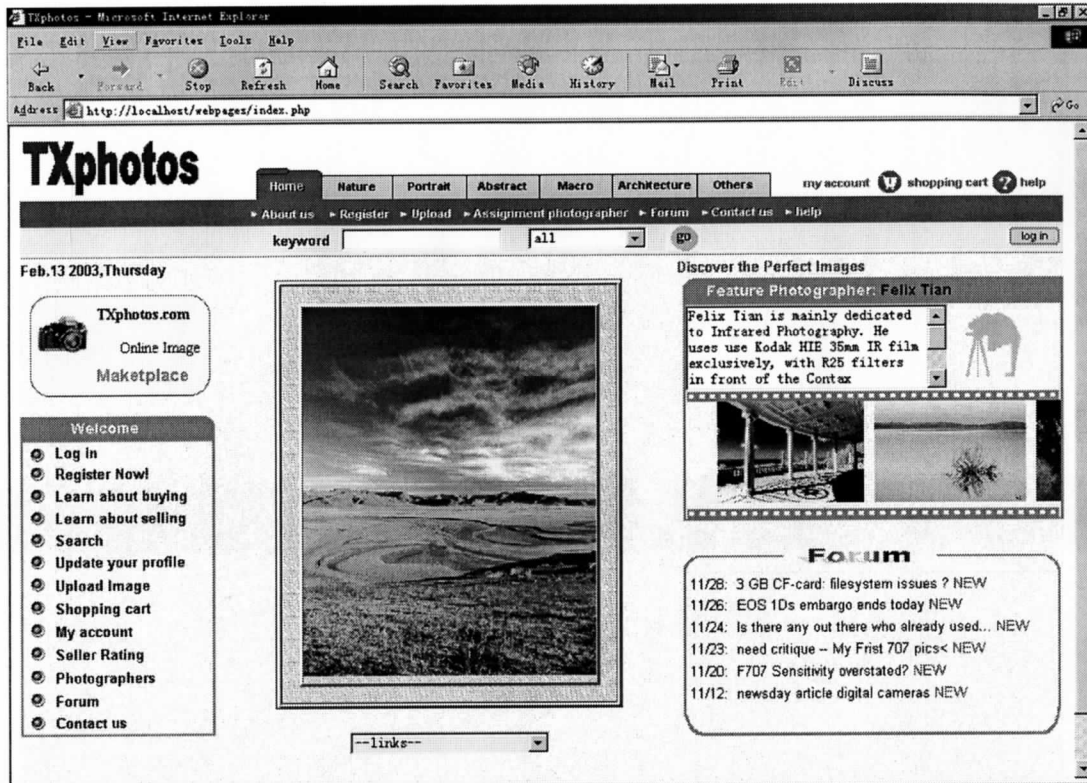


Figure 3 Register

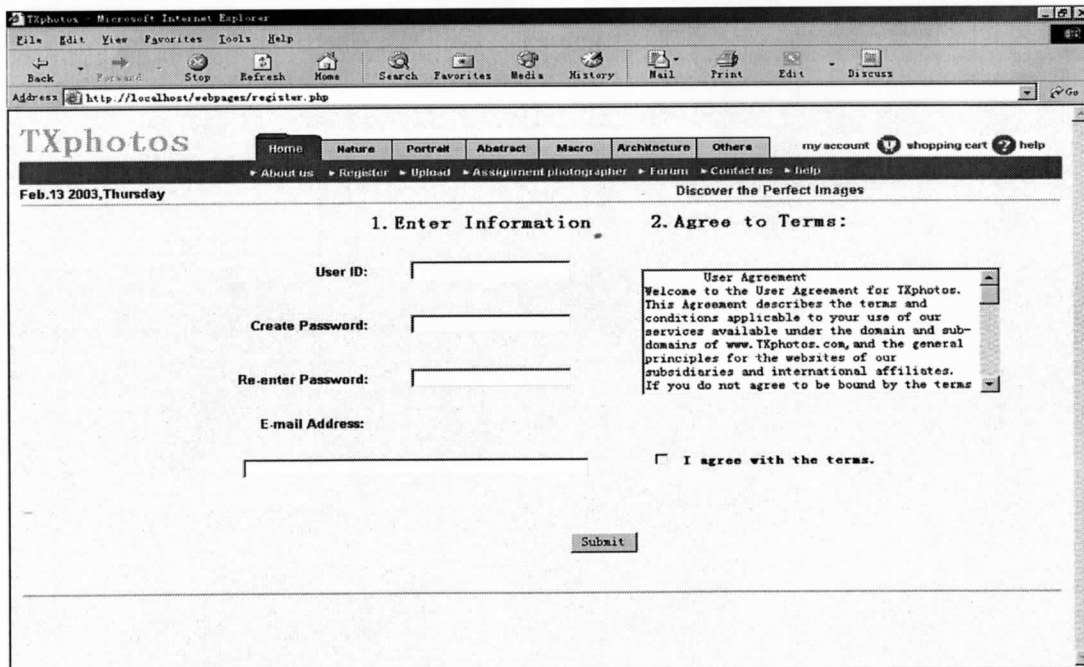


Figure 4 Search Page



Figure 5 Image Upload

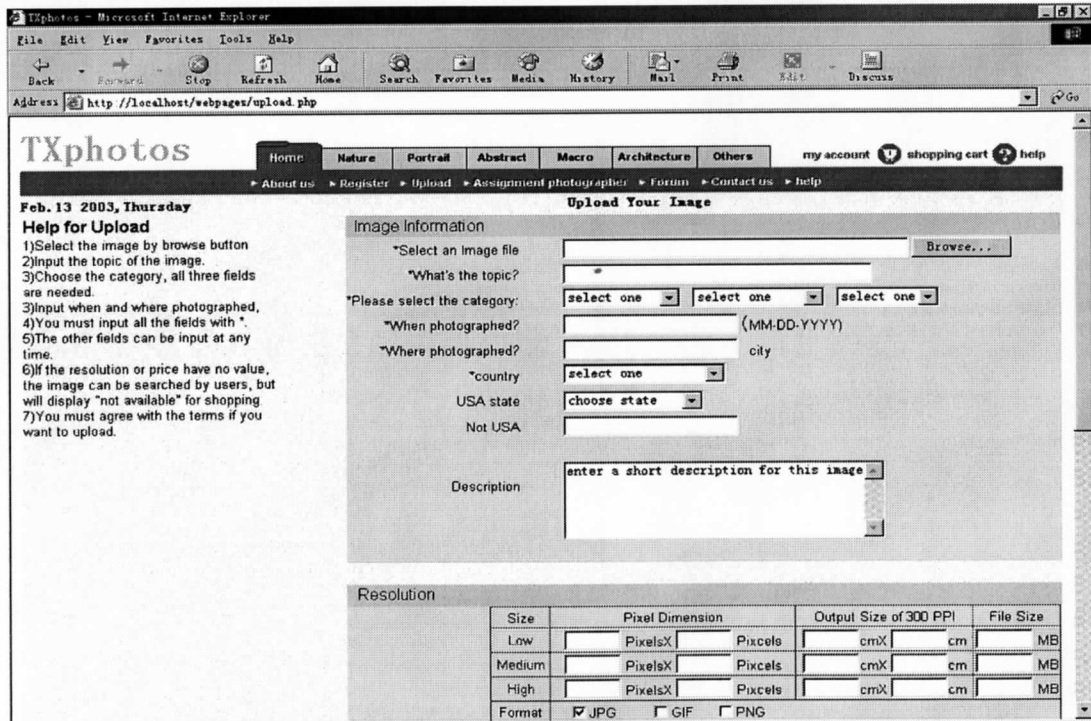


Figure 6 Shopping Cart



Figure 7 Image Enlargement



Figure 8 Image Information



Figure 9 Image Resolution and Price



Figure 10 Add to Shopping Cart

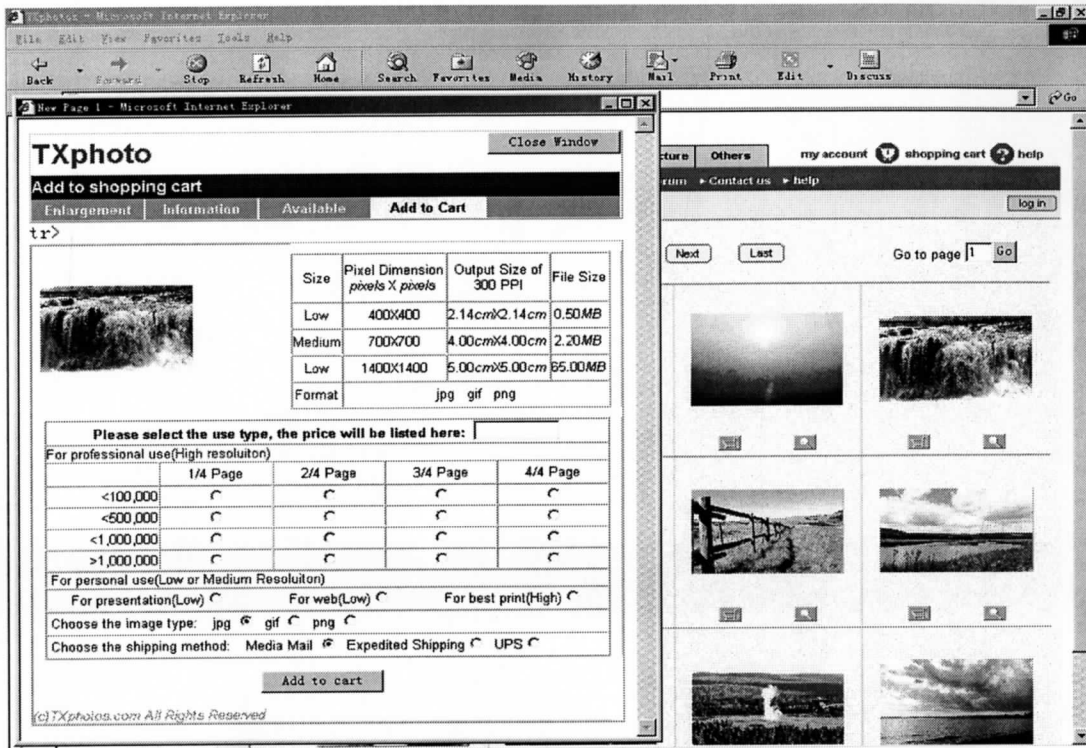
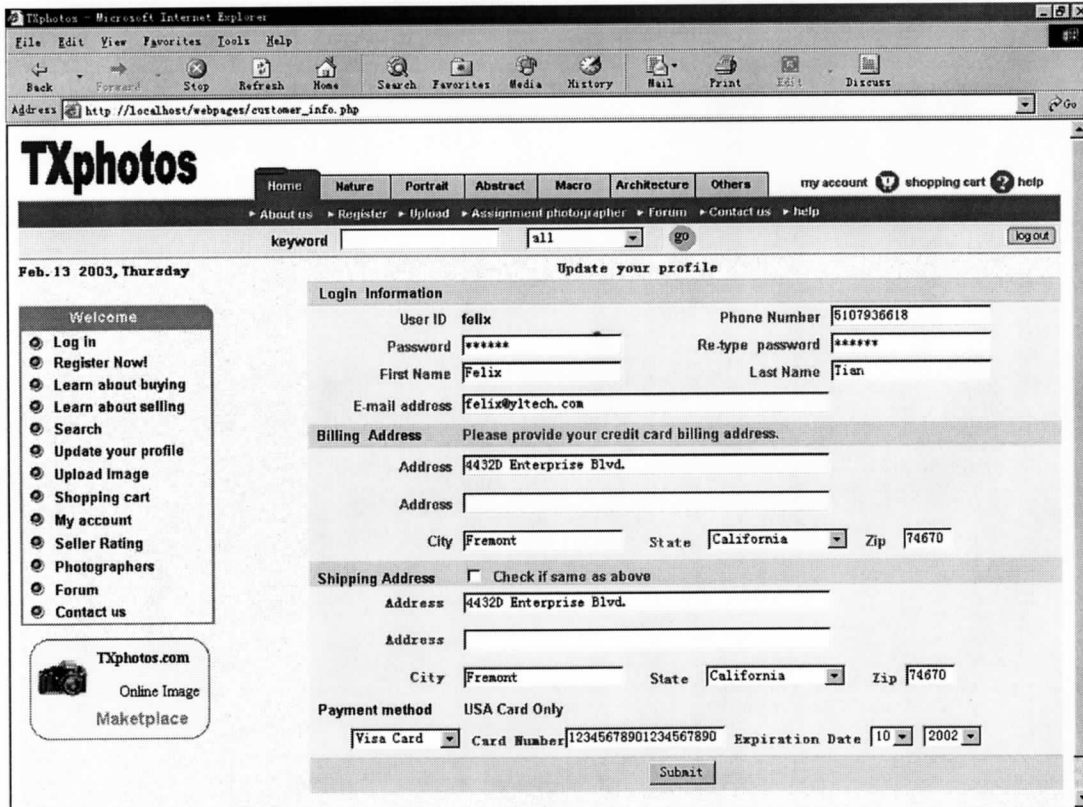


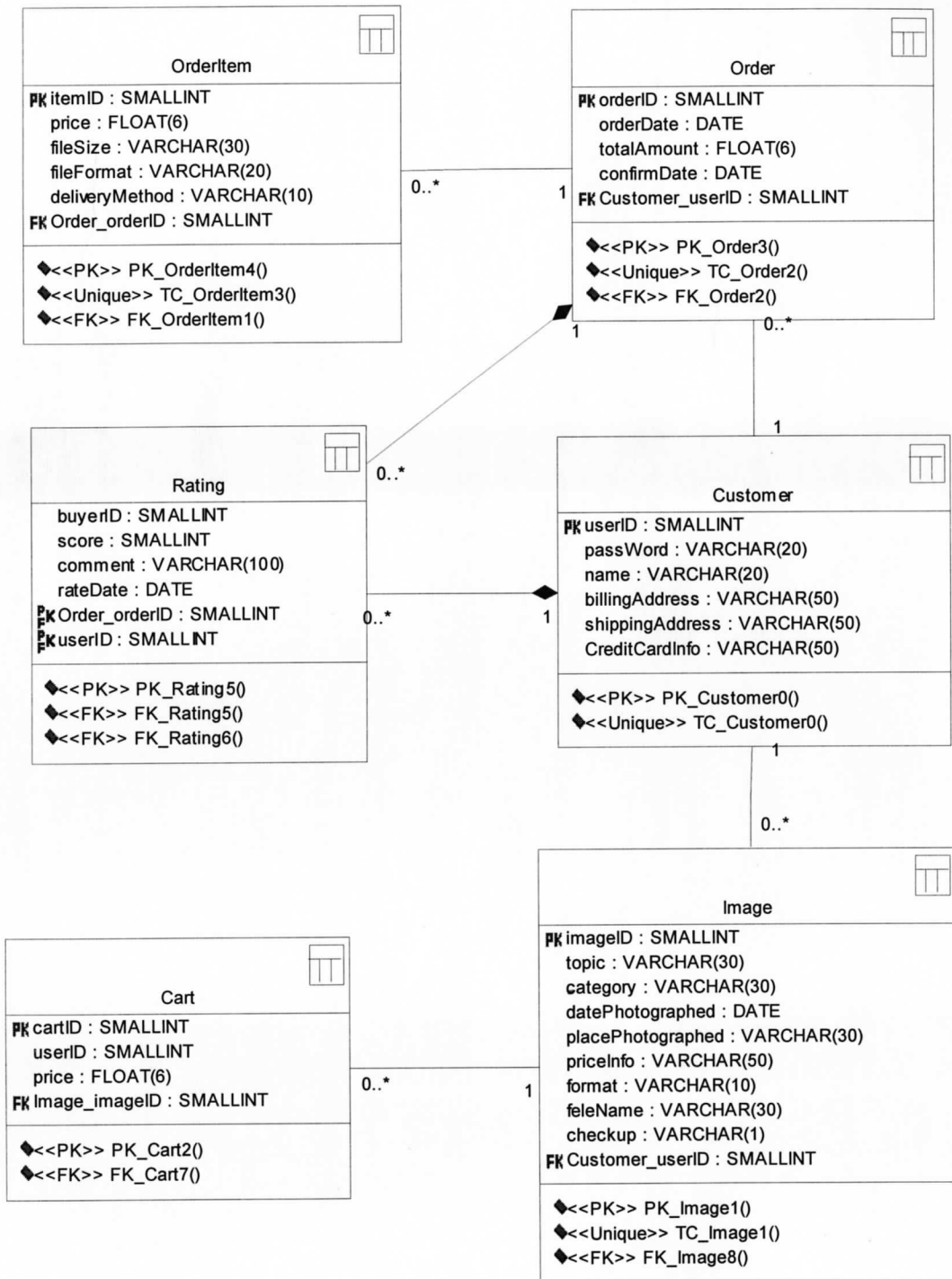
Figure 11 Update Profile



4.5 Database Design

The MySQL database contains five tables: Customer, Image, Cart, Orders, Rating, and Order_Item. The data model diagram describes the relationships among these tables.

Figure 12 Database Design -- Data Model Diagram



4.5.1 Customer

This table stores the profiles for all registered users. It contains the user's personal information, including name, user ID, password, billing address and shipping address. The primary key is User ID.

4.5.2 Image

The Image table contains the images uploaded by users. It also stores image information, which includes author name, topic, category, date and photograph location, price for professional use, price for personal use, file size and format, media, and delivery method. The primary key is Image ID.

4.5.3 Shopping Cart

This table stores shopping cart for users. It contains user ID, image ID, and image price. The primary key is cart ID.

4.5.4 Orders

The Orders table contains the order information, including seller name, buyer name, date ordered, total amount, and confirmation status. The primary key is order ID.

4.5.5 Order_Item

This table stores the details of an order, including order ID, image ID, price, file size, file format, and delivery method. The primary key is item ID.

4.5.6 Rating

The Rating table contains rating information of each seller, including seller name, buyer name, score, order ID, comments, and date rated. The primary key is seller ID and order ID.

4.6 Web Page Design

4.6.1 Main Page

The main page includes menu list, search engine, forum topics, the icons of shopping cart and My Account. Every week, the site introduces one feature photographer selected from the members. There is a brief introduction of the photographer. His or her works are exhibited in a marquee window. In the center of the main page, there is an image displayed. This image is randomly selected from a gallery. Every time when you refresh this page, you will get a different image. Also different users may get different images. At the bottom of this page, there is a link list.

4.6.2 Register

When a visitor clicks the register icon, he or she can input the information and submit. The information includes user name, password, and email address. A Javascript function can detect any errors of the inputs. If the information is invalidated, an alarm window pops up to indicate this error, then the cursor would return to the input box where the error occurs. After the information is submitted, the system will search in the customer table. If the user name or email address has been registered, the system will ask the user to select another user name or

email address, otherwise, the user's information will be added to the customer table.

Figure 13 Sequence Diagram for Registration

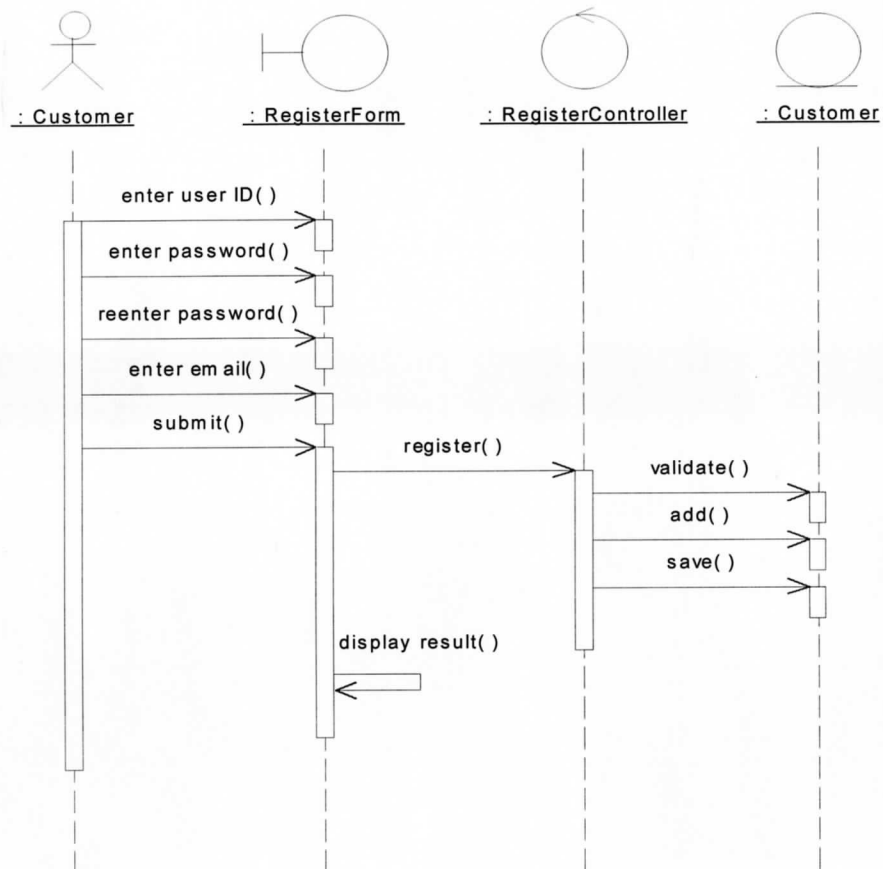
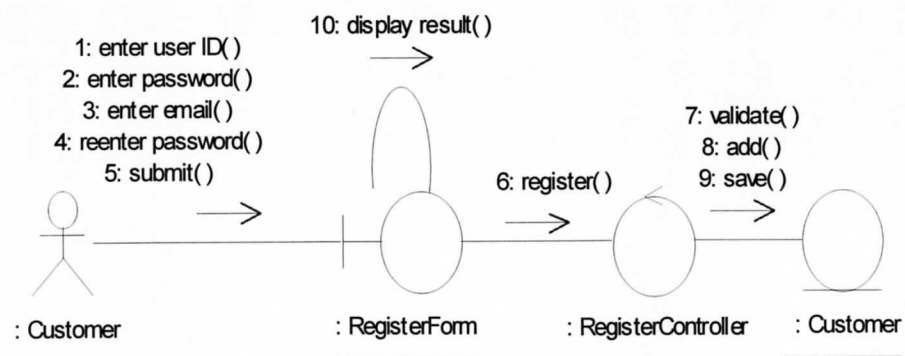


Figure 14 Collaboration Diagram for Registration



4.6.3 Login

When a user inputs user name and password, the system will search the user name in the customer table, if the name is found and the password matches, the user is authorized to logg in. If the user name doesn't exist or the password doesn't match, system will display an error message.

Figure 15 Sequence Diagram for Login

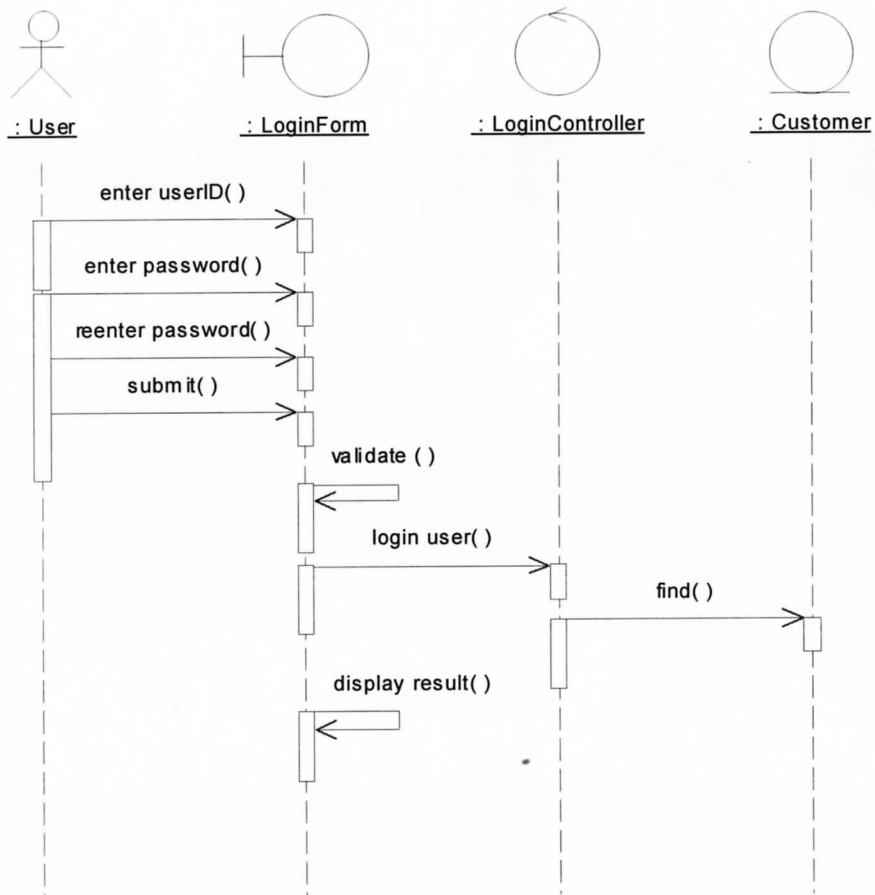
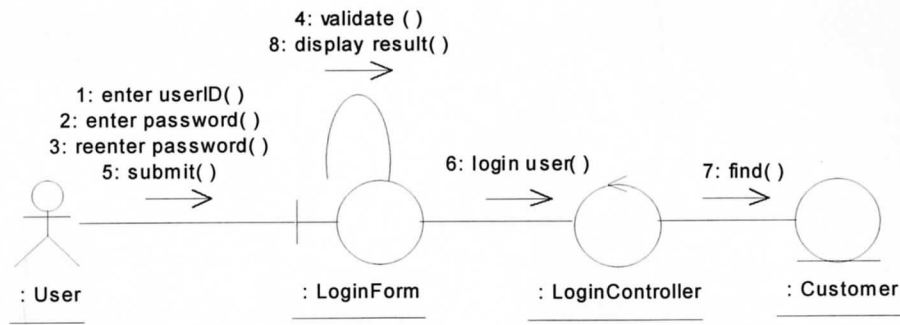


Figure 16 Collaboration Diagram for login



4.6.4 Update Profile

If a user selects to update the profile, the system will display all the information of this user. The user can choose one or more items to change. If the data is invalidated, an alarm window will pop up automatically, asking the user to check the data he or she input.

Figure 17 Sequence Diagram for Profile Update

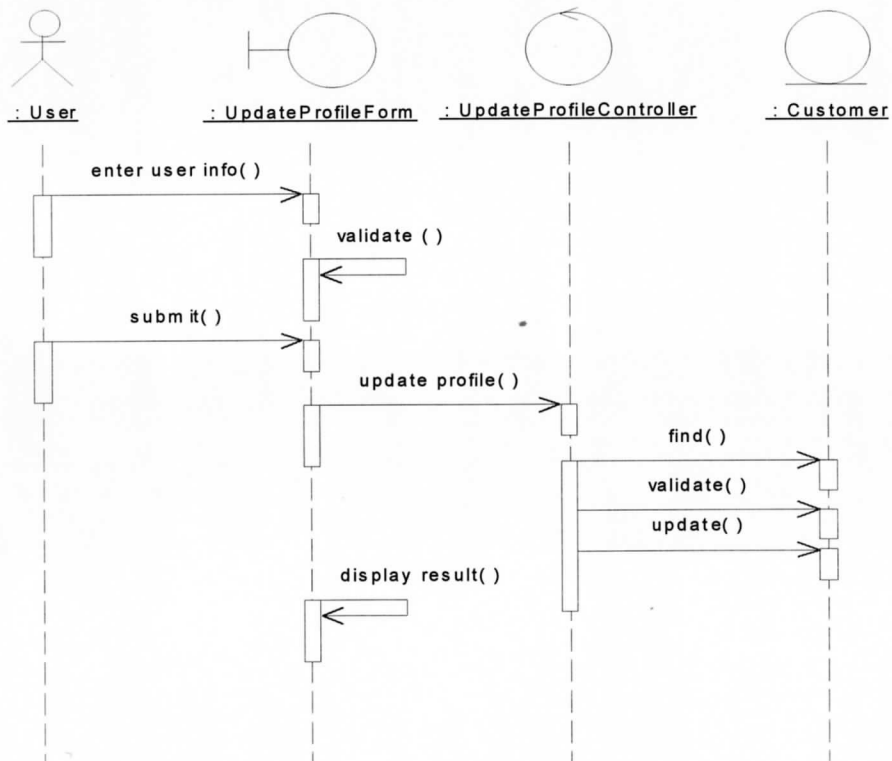
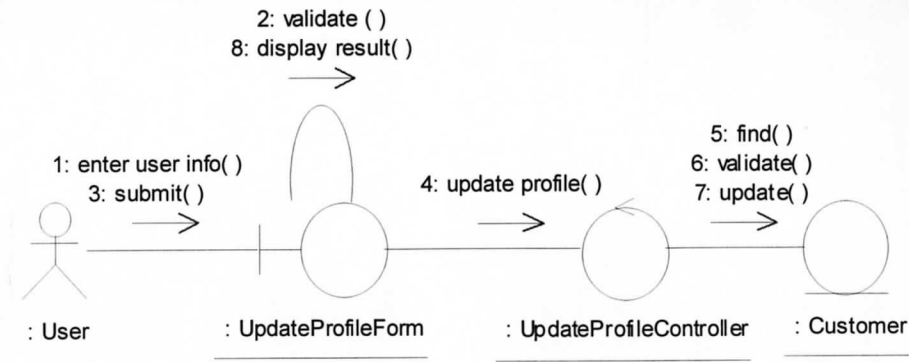


Figure 18 Collaboration Diagram for Profile Update



4.6.5 Image Upload

Users can upload their images easily. They can input the information of the image, including photograph date and location, category, format, topic, resolution, prices for different use, and shipping method. The image will be checked up by the employees of *TXphotos.com*. If the image is validated, it will be add to the seller's portfolio for sale. The seller will receive an email, informing whether the image is adopted or not. If the image involves political or adult content, it will be deleted and the user's membership would be canceled.

In order to increasing speed, images are stored as files in the web server. This also can reduce the database workload.

4.6.6 Search Engine

Visitors can input keyword to search images they are interested in. The system will search in the image table to find images match this keyword.

These images would be displayed by the order of date uploaded. There are four buttons: First, Next, Previous, and End, for visitor to choose. Also the total

number, page number will be displayed. Visitor can go directly to a page if the user inputs the page number. When visitor click an image, a new window pops up to display the information of this image, including image enlargement, information, resolution, size, delivery method, and price. Visitor can add this image to his or her shopping cart.

Figure 19 Sequence Diagram for Search Engine

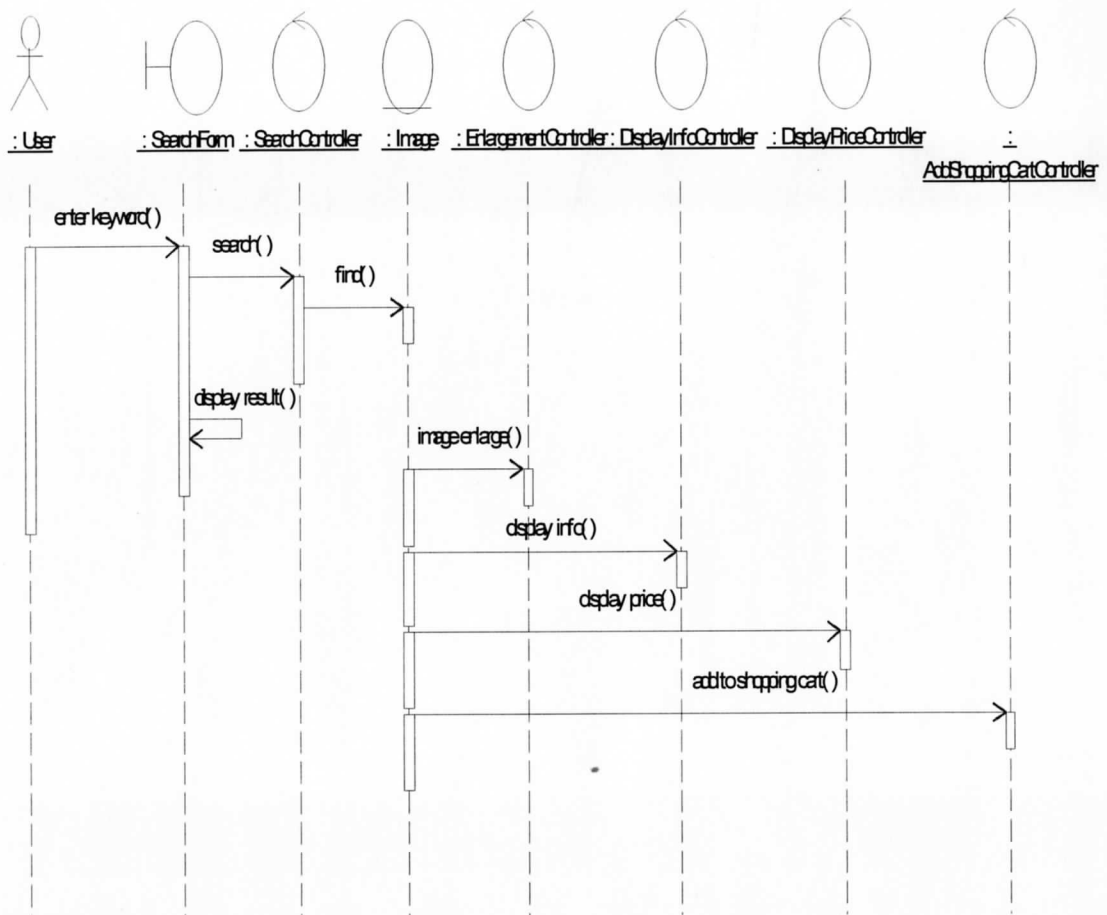
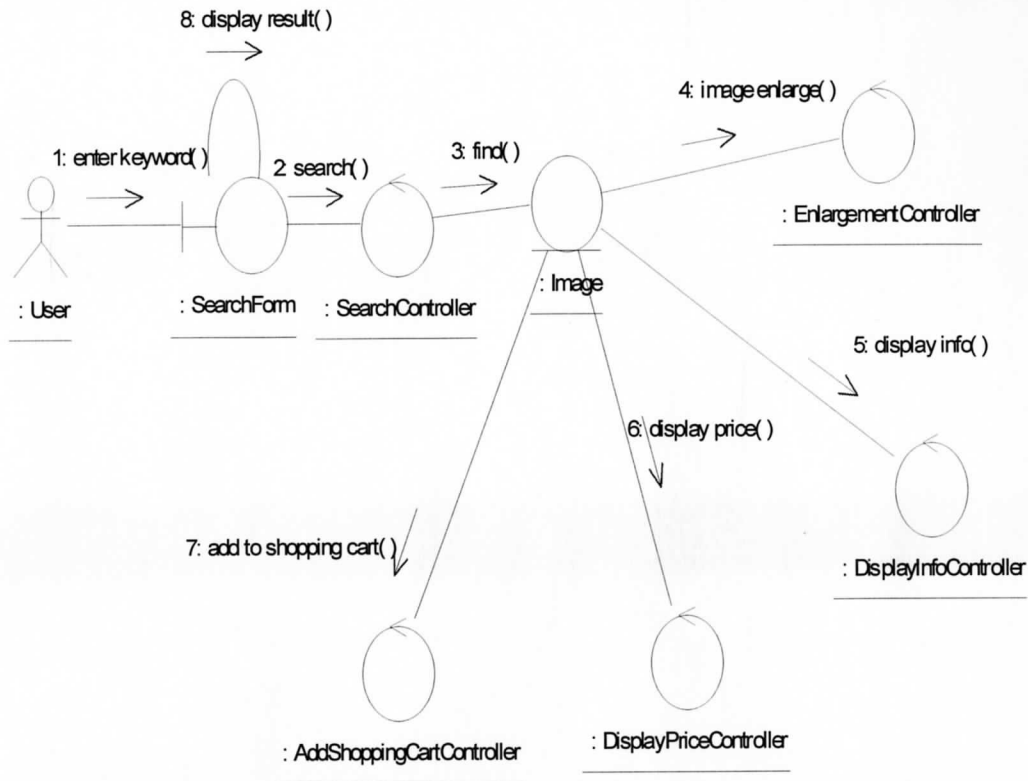


Figure 20 Collaboration Diagram for Search Engine



4.6.7 Shopping Cart Management

Generally, there are two methods for shopping cart programming, one is to use cookies and the other is to use database. Database method has been adopted by TXphotos.com in consideration of compatibility issue, because some users may disable cookie in the browser, or some browsers don't support cookie. For the database method, the information is stored in the Cart table. The redundant data can be deleted automatically or by an administrative personnel.

This program allows users to manage the shopping cart. When a user clicks the shopping cart icon, all the items and the price will be displayed. The user can delete items from the shopping cart or select checking out to place an order.

4.6.8 Check Out

This allows a user to place an order for all the items in the shopping cart. When a user selects to check out, the system asks the user to confirm his or her account information, then sends an email to the seller. If the seller confirms this order in two business days, the order will be implemented. Money will be transferred from buyer's account to the seller's account and the order will be stored in the Order table and Order_item table.

4.6.9 Order Confirmation

When a seller receives an email that contains the order details, he or she should go to the web site to confirm this order or cancel it. If the seller fails to do so in two business days, the system will send email to the buyer, informing that the order is canceled automatically. Once the order is confirmed, the seller is obliged to mail the items in two business days.

4.6.10 Rate a Seller

When a transaction is completed, buyer will received an email, asking the buyer to rate the seller. The rating score is from 1 to 5, the given scores will add to the user's Rating record. This score is stored in the Rating table, helping buyers to select a seller who has good credits.

4.6.11 My Account

Users can track their current order status and transaction history can also be displayed.

4.7 Security Design

As TXphotos.com will use web-hosting services provided by another party, so web security will be taken care of by ISP professionals. In choosing ISP, priority will be given to those with good credit and reputation. And it is essential that the chosen ISP must have an efficient firewall. Database security of TXphotos.com is critical too, because user's password and credit card information is stored in the database. To enforce the security of database, a special way to encrypt the data is introduced in the program. The code is as follows:

```
function keyED($txt)
{
    $key = "Robin and his Txphoto.com, good work:-)";
    $encrypt_key = md5($key);
    $ctr=0;
    $tmp = "";
    for ($i=0;$i<strlen($txt);$i++)
    {
        if ($ctr==strlen($encrypt_key)) $ctr=0;
        $tmp.= substr($txt,$i,1) ^ substr($encrypt_key,$ctr,1);
        $ctr++;
    }
    return $tmp;
}

function encrypt($txt)
{
    srand((double)microtime()*1000000);
    $encrypt_key = md5(rand(0,32000));
    $ctr=0;
    $tmp = "";
    for ($i=0;$i<strlen($txt);$i++)
    {
        if ($ctr==strlen($encrypt_key)) $ctr=0;
        $tmp.= substr($encrypt_key,$ctr,1) .
            (substr($txt,$i,1) ^ substr($encrypt_key,$ctr,1));
        $ctr++;
    }
}
```

```

    }
    return keyED($tmp);
}

function decrypt($txt)
{
    $txt = keyED($txt);
    $tmp = "";
    for ($i=0;$i<strlen($txt);$i++)
    {
        $md5 = substr($txt,$i,1);
        $i++;
        $tmp.= (substr($txt,$i,1) ^ $md5);
    }
    return $tmp;
}

```

4.8 Administration Design

In TXphotos.com, the administration and maintenance include image resizing, data backup, printing report, and main page update.

4.8.1 Image Resizing

For image display, it is necessary to have one small sized image shown as an icon in order to reduce loading time. GD library has been introduced to generate the small sized image. The first step is to calculate the ratio between height and width. The new smaller image must have the same ratio to keep the original style. The maximal size of the small-size image is: 128 pixels times 128 pixels. That's to say, if the height of an image is bigger than the width, the height of new small image should be 128 pixels, and the width should be the arithmetic product of 128 and the ratio.

The code is as follows:

```

$store_dir = "../images/customer/";
$name=$store_dir.$fileName;
$data = GetImageSize($name);
echo $data[3]."<p>";
if ($data[0]>$data[1]) {
    $dstW=144;
    $dstH=round(144*$data[1]/$data[0]); }
else {
    $dstH=144;
    $dstW=round(144*$data[0]/$data[1]); }
switch ($data[2]) {
case "1":
$im = ImageCreateFromGIF($name);
break;
case "2":
$im = imagecreatefromjpeg($name);
break;
case "3":
$im = ImageCreateFromPNG($name);
break;
}
$srcW=ImageSX($im);
$srcH=ImageSY($im);
$dstFile="../images/resize/".$fileName;
$ni=ImageCreate($dstW,$dstH);
ImageCopyResized($ni,$im,0,0,0,0,$dstW,$dstH,$srcW,$srcH);
ImageJpeg($ni,$dstFile);

```

4.8.2 Data Backup

TXphotos.com will backup its database on daily basis. Seven folders have been created in the workstation, named from Monday to Sunday. Each day the database will be copied to a folder according to the day of the week, which insures that the most recent seven day's data has been backed up and stored.

4.8.3 Printing Report

TXphotos.com is designed to generate reports either on daily or monthly basis for web administrators. Daily report includes information about customer order, order confirmation, and commission received. The monthly report shows the total financial information of the month.

4.8.4 Order Cancellation

If one or more of the following happens, an order should be canceled and the system will send email to both seller and buyer informing about the cancellation. Meanwhile the order will be deleted from the Order table and the order items will be deleted from the Order Item table. Refund will be made to the seller instantly and automatically.

- Seller fails to confirm order in two business days.
- There is feedback from credit card center that indicates invalid account information of the seller or the buyer.
- Buyer complains that the items haven't been received within the promised time frame, the items are damaged, or item quality is not as what is described in the order.

4.9 System Test

The following figures are some examples of system testing.

- Login Page

Figure 21 shows that if a user did not input user-ID, alarm window pop up to prompt the user. Figure 22 and 23 show the error information when a user input wrong user-ID and wrong password.

- Image Upload Page

Figure 24 shows that when uploading an image, if user did not input the information required, alarm window pop up to prompt the user.

Figure 21 Alarm of Wrong Input

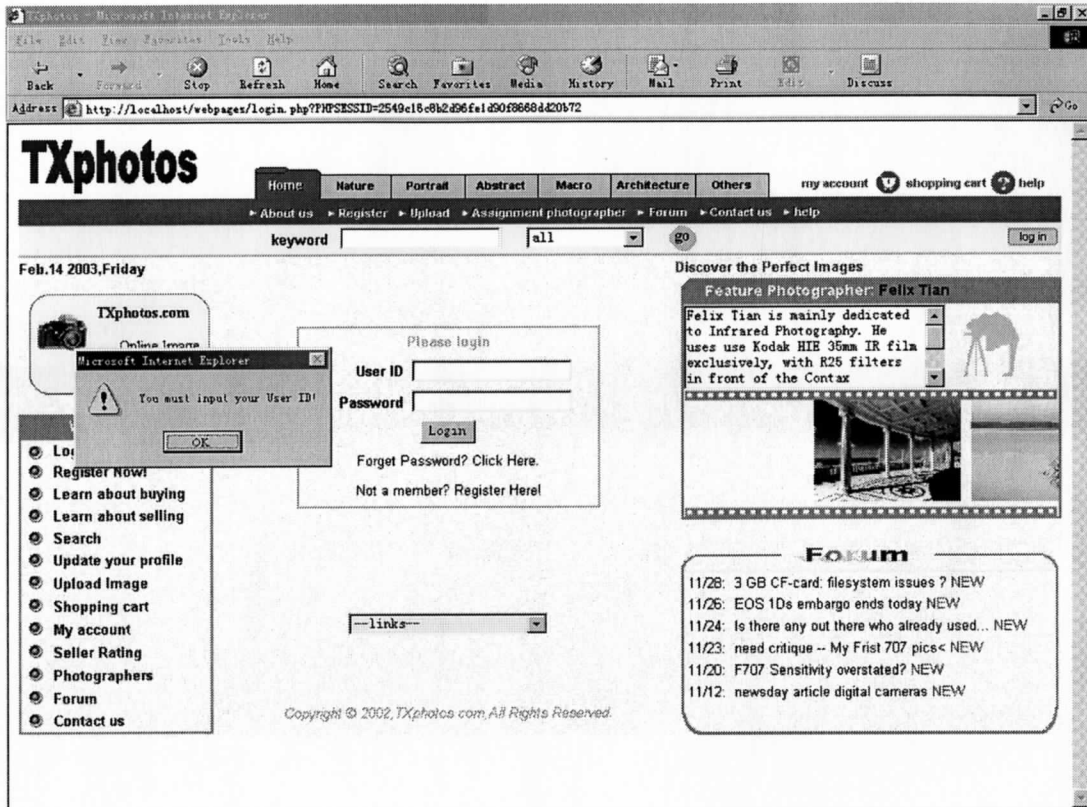


Figure 22 Wrong User ID

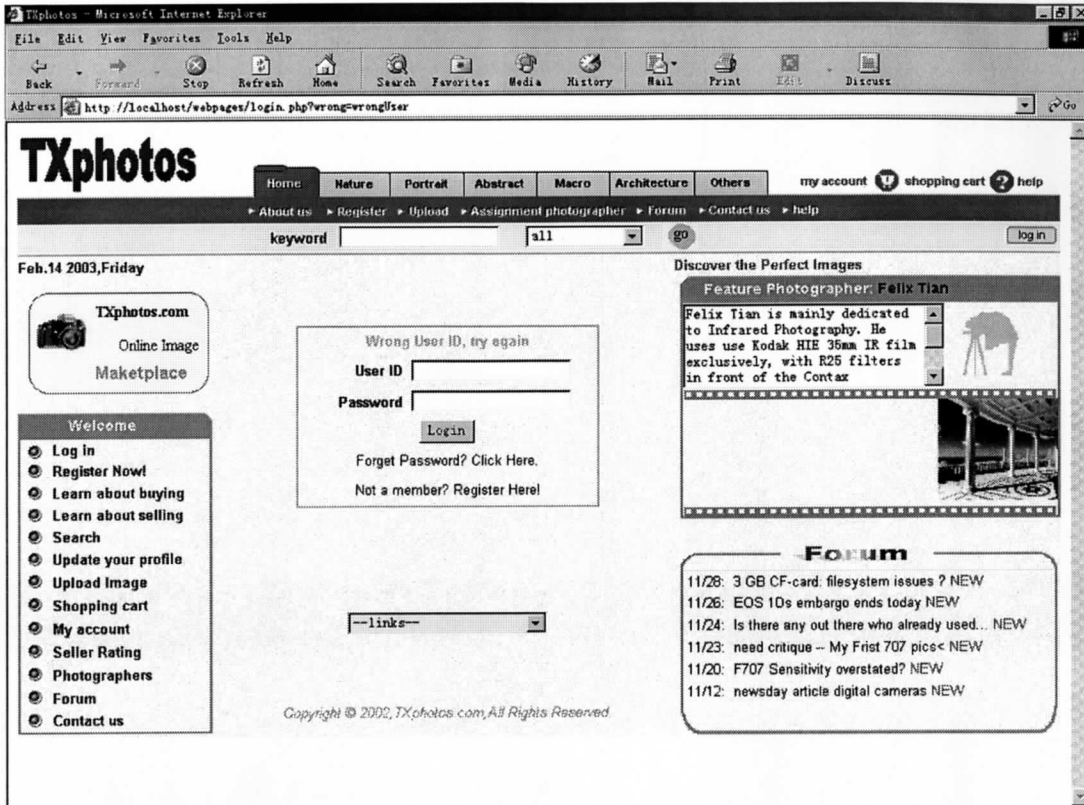


Figure 23 Wrong Password

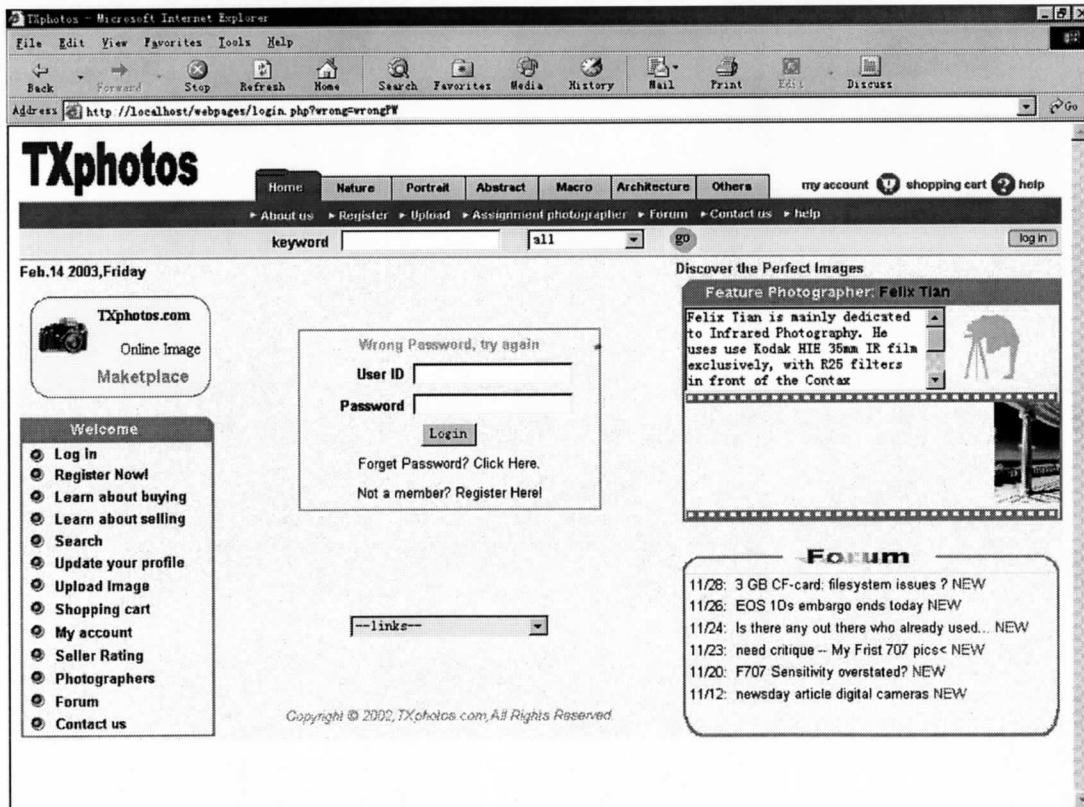
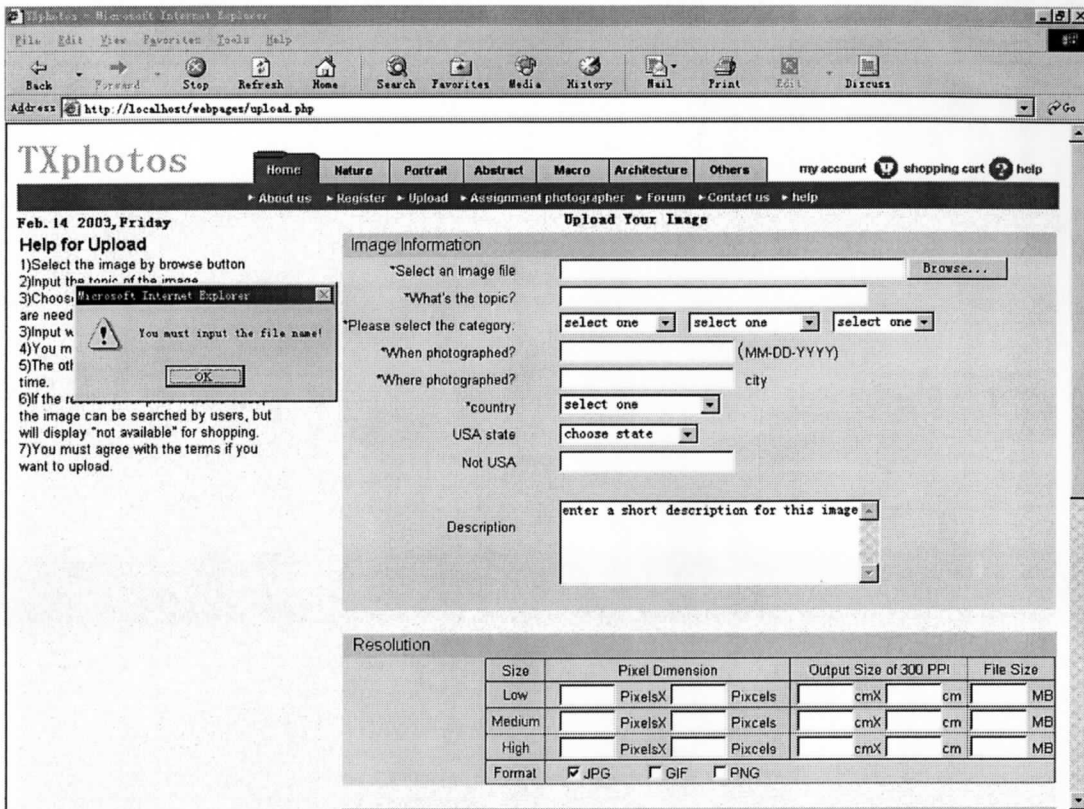


Figure 24 Alarm of Wrong Input



5 RESULTS AND FUTURE EXTENSION

5.1 Results

This project includes all the functions and features that a successful e-commerce web site should possess. I learned a lot during the development. All the objectives of this project have been achieved, and all the deliverables are created as planned. This project gives me an opportunity to explore how to build an e-commerce web site, and to experiment how to create a practical business model based on a good business idea.

This project consists of 40 web pages and 6 database tables. The total amount of source code included in the project was over 8000 lines.

5.2 Future Extension

I plan to launch this web site in June 2003. By the time it grows and needs expanded web site capacity, I will set up in-house computer hosting by using dedicate line.

At present, payment methods limit to credit card payment by Visa or Master Card. With the expending of TXphotos.com, more credit cards will be accepted and more payment methods will be added, such as Paypal [11], T/T payment, Electronic Transfer Payment, etc. These new payment measures will help more users, especially those abroad trade images in this web site.

This project has more potentials in the future as this online marketplace business model and web site can be easily expanded to other industries.

5.3 The MSIS Program

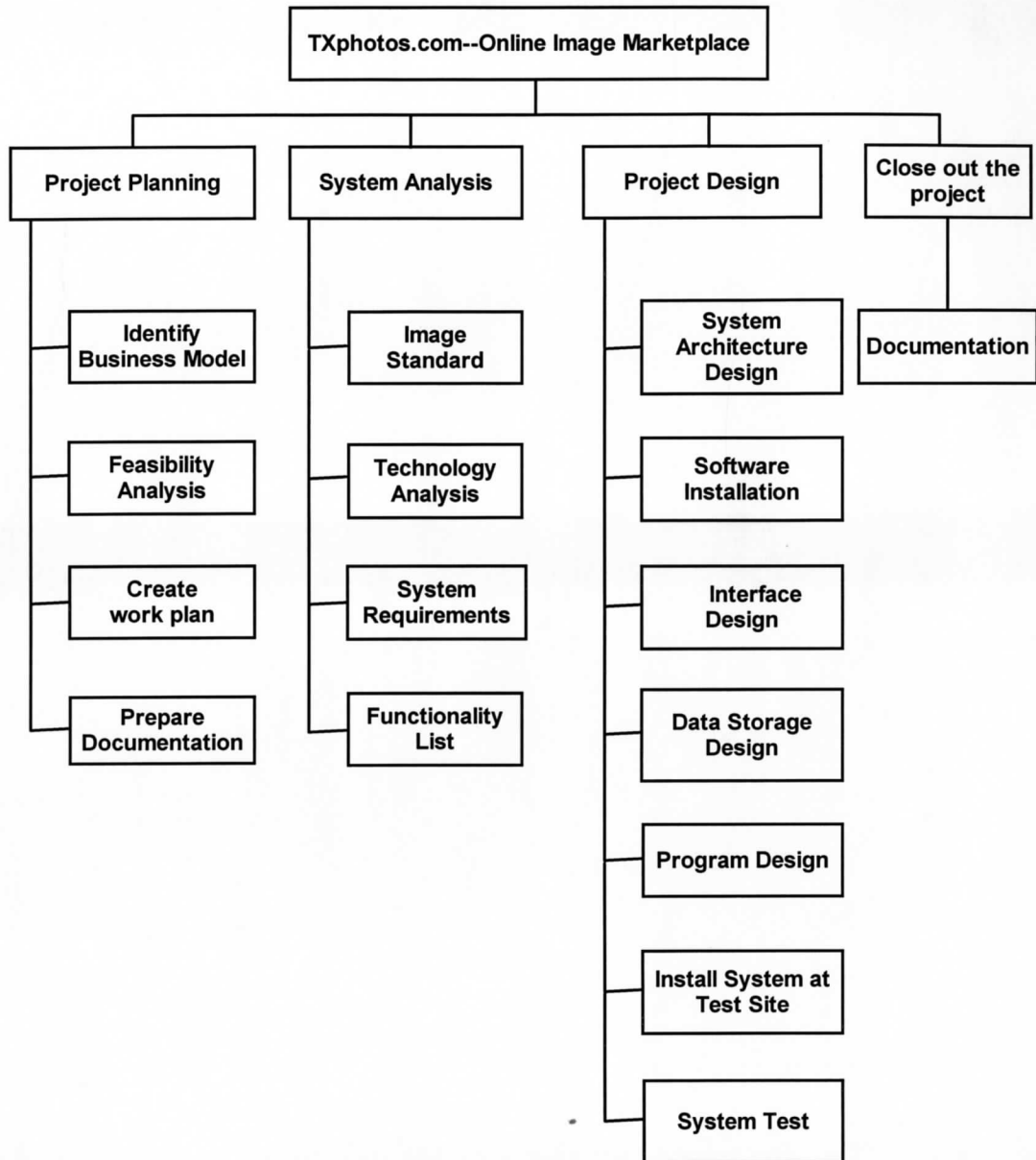
My specialization in the MSIS program is e-commerce. This project has provided me a chance to go through various processes involved in a real e-commerce business start up. Project management course taught by Dr. Dennis proved to be greatly useful for the success of my project. The task assignment of critical path was very important for the project development. The e-commerce and web programming courses taught by Dr. Zhou are the key factors in the project implementation. My project would not have been successful without the knowledge gained from the MSIS program. Some useful advice has been given by my supervisor-Dr. Wang, which greatly optimized my web design. This program gave me the opportunity to understand and experience a real business IT project. The DSU online study policy is very advantageous. Without this efficient policy, I would not have completed my graduate study successfully.

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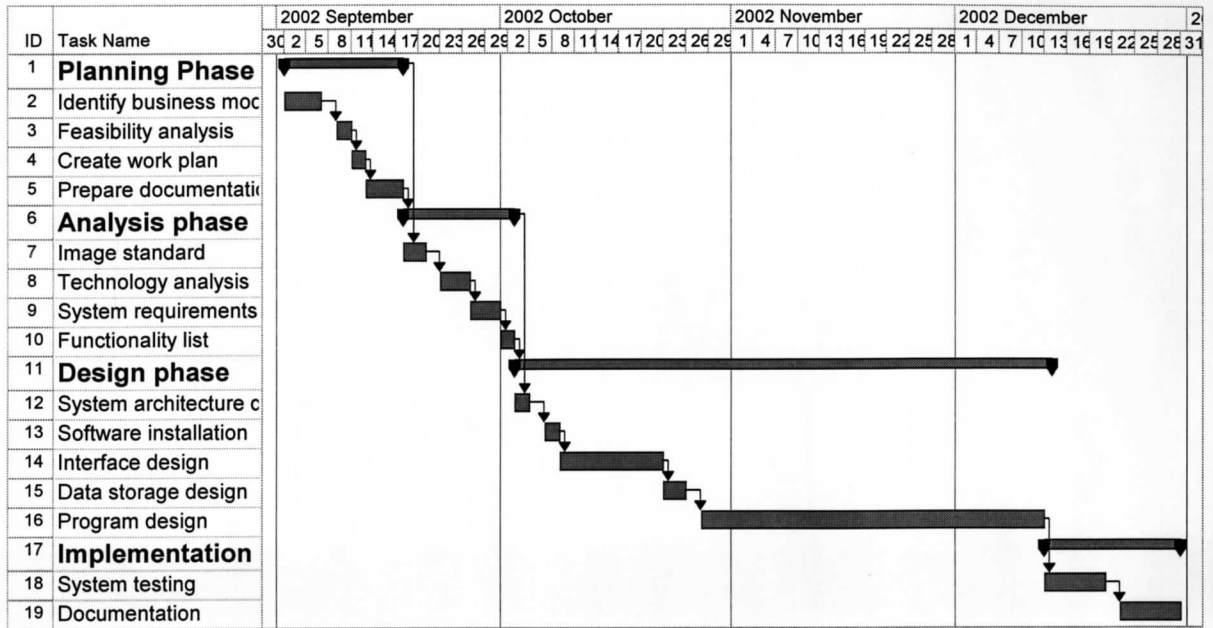
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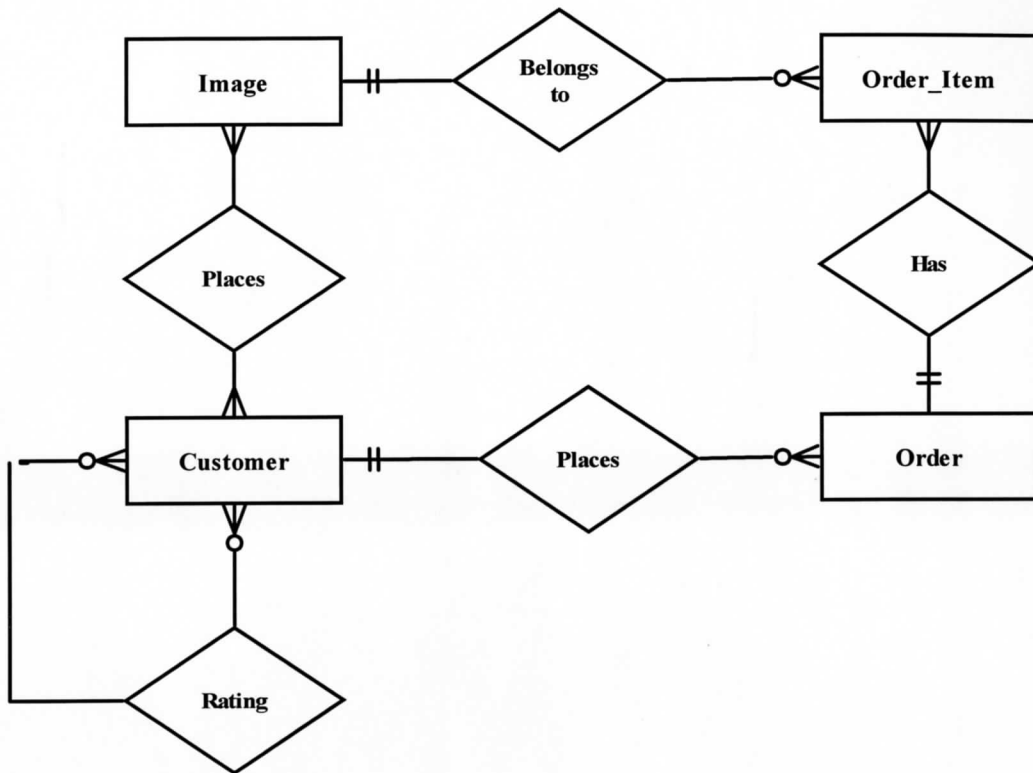
APPENDIX A WORK BREAKDOWN STRCUTURE



APPENDIX B GANTT CHART



APPENDIX C ENTITY RELATIONSHIP DIAGRAM



APPENDIX D CODE

Index.php

```
<? session_start(); ?>
<html>
<head>
<meta http-equiv="Content-Language" content="en-us">
<meta http-equiv="Content-Type" content="text/html; charset=gb2312">
<meta name="GENERATOR" content="Microsoft FrontPage 4.0">
<meta name="ProgId" content="FrontPage.Editor.Document">
<title>TXphotos</title>
<STYLE TYPE="text/css">
A { text-decoration: NONE; color: #003366}
A:hover { position: relative; left:1px; top:1px; color:#CC3300 }
</STYLE> </head>

<BODY bgcolor="#FFFFFF">

<? include "menu_home.inc"; ?>
<? include "clock.inc"; ?>

<div align="center">
<center>
<table border="0" cellpadding="0" cellspacing="0" width="100%" height="196"
background="../images/web/lbg029v.jpg">
<tr>
<td width="184" height="196" valign="top" rowspan="3">
<table width=100% border=0 cellpadding="0" cellspacing="0">
<tr><td width=100% height=1>
<p align="center"></p>
</td></tr></table>
<? include "menu_left.inc"; ?>

</td>
<td width="480" height="173">

<center>
<table cellspacing=0 cellpadding=0 border=1 bordercolorlight=555500
```

```

bordercolordark=eeeeed><tr><td>
<table cellspacing=0 cellpadding=0 border=2 bordercolorlight=eeeeed
bordercolordark=555500><tr><td background="./images/web/linen.gif">
<table cellspacing=0 cellpadding=15 border=1 bordercolorlight=555500
bordercolordark=eeeeed><tr><td>

<table cellspacing=0 cellpadding=0 border=3 bordercolorlight=eeeeed
bordercolordark=555500><tr><td>
<? $x=rand(1,10); $msg="<IMG border=0 valign=middle SRC=./images/random/"$.x.".jpg>";
echo $msg;
?>
</td></tr></table>
</td></tr></table>
</td></tr></table>
</td></tr></table>

</center>
</td>
<td width="308" height="196" valign="top" rowspan="3">
<? include "felix.inc"; ?>
<? include "forum.inc"; ?>
</center>

</td>
</tr>
<tr>
<td width="480" height="20">
<div align="center">
<select name="select1" size="1"
onChange="javascript:window.open(this.options[this.selectedIndex].value)"
style="BACKGROUND-COLOR: #d9dcff; COLOR: rgb(0,0,128); ">
<option selected>--links--</option>
<option value="http://www.dsu.edu">Dacota State University</option>
<option value="http://www.google.com">Google</option>
<option value="http://www.yahoo.com">Yahoo!</option>
</select>
</div>
</form>
</script>
</td>

```

```

</tr>
<tr>
  <td width="480" height="20">
    <p align="center"><font size="1" color="#808080" face="Arial"><i>Copyright &copy;
    2002, TXphotos.com, All Rights Reserved.</i> </font>
  </td>
</tr>
</table>
</div>
</body>
</html>

```

Login.php

```

<? session_start(); ?>
<html>
<head>
<meta http-equiv="Content-Language" content="en-us">
<meta http-equiv="Content-Type" content="text/html; charset=gb2312">
<meta name="GENERATOR" content="Microsoft FrontPage 4.0">
<meta name="ProgId" content="FrontPage.Editor.Document">
<title>TXphotos</title>
<STYLE TYPE="text/css">
A { text-decoration: NONE; color: #003366}
A:hover { position: relative; left:1px; top:1px; color:#CC3300 }
</STYLE>
</head>

<BODY bgcolor="#FFFFFF">

<script language="JavaScript">
<!--
function check_form() {
  if (document.infoInput.userID.value=="") {
    alert("You must input your User ID!");
    infoInput.userID.focus();
    return false; }
  if (document.infoInput.passWD.value=="") {
    alert("You must input password!");
    infoInput.passWD.focus();
    return false; }

```

```

return true;

}
-->
</script>

<? include "menu_home.inc";?>
<? include "clock.inc";?>

<div align="center">
  <center>
    <table border="0" cellpadding="0" cellspacing="0" width="100%" height="196"
background="../images/web/lbg029v.jpg">
      <tr>
        <td width="184" height="196" valign="top" rowspan="3">
          <table width=100% border=0 cellpadding="0" cellspacing="0">
            <tr><td width=100% height=1>
              <p align="center"></p>
            </td></tr></table>

          <? include "menu_left.inc"; ?>
        </td>
      </tr>
    </table>

    <td width="480" height="173">

      <center>
        <?
          include "db_info.php";
          include "encrypt.php";
          include "display.inc";

          if(!isset($userID) or isset($wrong)) {
            if(isset($user)) $info="Sign in as a different user?";
            else $info="Please login";

            if(isset($wrong)) {
              if($wrong=="wrongUser") $info="Wrong User ID, try again";
              if($wrong=="wrongPW") $info="Wrong Password, try again";
              if($wrong=="wrongDB") $info="Sorry, we can't Access Database,
try later";}

```

```

        $url="login.php";
        include "login_input.inc";
    }
    else {
        include "cart_confirm.inc";
        if (isset($wrong)) {
            echo "<meta http-equiv=refresh content='0; url=login.php?wrong=".$wrong.">";
            exit; }
        else {
            $info=" Welcome, ".$user;
            $info.=" !<p><center><font size=1><a href=getPWback.php>Chage password
click here.";
            $info.="</a></font></center>";
            $info.="<p><center><font size=1><a href=customer_info.php>Update profile
click here.";
            $info.="</a></font></center>";
            display($info); }
    }
}

```

?>

</center>

</td>

<td width="308" height="196" valign="top" rowspan="3">

<? include "felix.inc"; ?>

<? include "forum.inc"; ?>

</center>

</td>

</tr>

<tr>

<td width="480" height="20">

<div align="center">

<select name="select1" size="1"

onChange="javascript:window.open(this.options[this.selectedIndex].value)"

style="BACKGROUND-COLOR: #d9dcff; COLOR: rgb(0,0,128); ">

<option selected>--links--</option>

<option value="http://www.dsu.edu">Dacota State University</option>

```

<option value="http://www.google.com">Google</option>
<option value="http://www.yahoo.com">Yahoo!</option>
</select>
</div>
</form>
</script>
  </td>
  </tr>
<tr>
  <td width="480" height="20">
    <p align="center"><font size="1" color="#808080" face="Arial"><i>Copyright &copy;
    2002, TXphotos.com, All Rights Reserved.</i> </font>
  </td>
</tr>
</table>
</div>
</body>
</html>

```

search.php

```

<html><head>
<meta http-equiv="Content-Language" content="en-us">
<meta http-equiv="Content-Type" content="text/html; charset=gb2312">
<meta name="GENERATOR" content="Microsoft FrontPage 4.0">
<meta name="ProgId" content="FrontPage.Editor.Document">
<title>TXphotos</title>
<STYLE TYPE="text/css">
A { text-decoration: NONE; color: #FFFFFF}
A:hover { color: #000000 }
</STYLE></head>
<BODY bgcolor="#ffffff" >
<?  if(!isset($keyword1)) $keyword1="";
    if(!isset($keyword2)) $keyword2="all";
switch ($keyword2) {
  case "nature":
    include "menu_nature.inc";
    break;
  case "portrait":
    include "menu_portrait.inc";
    break;

```

```

case "abstract":
    include "menu_abstract.inc";
    break;
case "macro":
    include "menu_macro.inc";
    break;
case "architecture":
    include "menu_architecture.inc";
    break;
case "others":
    include "menu_others.inc";
    break;
default:
    include "menu_home.inc";
    break;
}
?>
<table border="0" width="100%" height="369" cellspacing="0" cellpadding="0">
<tr>
    <td width="216" height="473" valign="top" align="middle" bgcolor="#ccccff"
background="../images/web/lbg029v.jpg" rowspan="3">
        <? include "search_list.inc"; ?>
    </td>
<?
    $key1=$keyword1;
    $key2=$keyword2;
    $pagesize=12;
    include "db_info.php";
    $connect=db_access();

    if ($key2=="all" and $key1=="")
        $sql="select fileName1 from image where check='Y'";
    elseif ($key2=="all" and $key1<>"")
        $sql="select fileName1 from image where check='Y' and (userID like ('%$key1%') or
imageTopic like ('%$key1%') or description like ('%$key1%'))";
    elseif ($key2<>"all" and $key1=="")
        $sql="select fileName1 from image where check='Y' and topic='$key2'";
    elseif ($key2<>"all" and $key1<>"")
        $sql="select fileName1 from image where check='Y' and topic='$key2'and (userID like
('%$key1%') or imageTopic like ('%$key1%') or description like ('%$key1%'))";

```



```
$result=mysql_query($sql);
```

```
$numrows=mysql_num_rows($result);  
$pages=intval($numrows/$pagesize);  
if ($numrows%$pagesize)  
    $pages++;
```

```
if (!isset($page))  
    $page=1;
```

```
if (isset($ys))  
    if ($ys>$pages)  
        $page=$pages;  
    else  
        $page=$ys;
```

```
?>
```

```
<td width="43" height="435" valign="center" align="middle" bgcolor="#808080"  
background=" ../images/web/lbg029v.jpg" rowspan="3">  
    </td>
```

```
<td width="709" height="23" valign="center" align="middle" bgcolor="#669999"  
background=" ../images/web/lbg029v.jpg" colspan="6">  
    <p align="left"><font color="#800000" face="Arial" size="1">&nbsp;Search:&nbsp;&nbsp;&nbsp;<?  
echo $key2; ?> ,&nbsp;&nbsp;&nbsp;<? echo $key1; ?></font></td>  
</tr>  
<tr>
```

```
<td width=282 valign=middle align=middle height=11 bgcolor=#ccccff  
background=" ../images/web/lbg029v.jpg">  
<p align="left">
```

```
<?
```

```
echo "<font color=#800000 face=Arial size=1>";  
echo $numrows." Images Found"." Total ".$pages." Pages(".$page."/".$pages.");";
```

```

        echo"</font>";

    ?>

</td>

<?
    $first=1;
    $prev=$page-1;
    $next=$page+1;
    $last=$pages;

    if ($page>1)
    {

?>

<td width=56 height=11 bgcolor=#ccccff background=" ../images/web/lbg029v.jpg" align="center">

<?
echo "<form action='search.php' method='post'>";
echo "<input type=hidden name=keyword1 value=".$key1.">";
echo "<input type=hidden name=keyword2 value=".$key2.">";
echo "<input type=hidden name=page value=".$first.">";
echo "<INPUT type=image src='../images/web/first.gif'>";
echo "</form>";
?>

</td>

<td width=56 height=11 bgcolor=#ccccff background=" ../images/web/lbg029v.jpg" align="center">

<?
echo "<form action='search.php' method='post'>";
echo "<input type=hidden name=keyword1 value=".$key1.">";
echo "<input type=hidden name=keyword2 value=".$key2.">";
echo "<input type=hidden name=page value=".$prev.">";
echo "<INPUT type=image src='../images/web/prev.gif'>";
echo "</form>";
?>

```

```
</td>
```

```
<?
```

```
}
```

```
if ($page<$pages)
```

```
{
```

```
?>
```

```
<td width=57 height=11 bgcolor=#ccccff background=" ../images/web/lbg029v.jpg" align="center">
```

```
<?
```

```
echo "<form action='search.php' method='post'> ";
```

```
echo "<input type=hidden name=keyword1 value=".$key1.">";
```

```
echo "<input type=hidden name=keyword2 value=".$key2.">";
```

```
echo "<input type=hidden name=page value=".$next.">";
```

```
echo "<INPUT type=image src='../images/web/next.gif'>";
```

```
echo "</form>";
```

```
?>
```

```
</td>
```

```
<td width=57 height=11 bgcolor=#ccccff background=" ../images/web/lbg029v.jpg" align="center">
```

```
<?
```

```
echo "<form action='search.php' method='post'> ";
```

```
echo "<input type=hidden name=keyword1 value=".$key1.">";
```

```
echo "<input type=hidden name=keyword2 value=".$key2.">";
```

```
echo "<input type=hidden name=page value=".$last.">";
```

```
echo "<INPUT type=image src='../images/web/last.gif'>";
```

```
echo "</form>";
```

```
?>
```

```
</td>
```

```
<?
```

```
}
```

```
?>
```

```
<td width=199 height=11 bgcolor=#ccccff background=" ../images/web/lbg029v.jpg">
```

```

<p align="right">

<?
echo "<form action='search.php' method='post'> ";
echo "<font color=#800000 face=Arial size=1>Go to page&nbsp;<input type=text name='ys'
size='2' value='.$page.'>";
echo "<input type=hidden name=keyword1 value='.$key1.'>";
echo "<input type=hidden name=keyword2 value='.$key2.'>";
echo "<input type=submit name='Submit' value='Go'>";
echo "</form>";
echo "</font>";
?>

</td>

</tr>
<tr>
  <td width="709" height="549" valign="top" align="middle" bgcolor="#ccccff"
background="../images/web/lbg029v.jpg" colspan="6">

<?
  $offset=$pagesize*($page-1);
  db_test("index.php");

  if ($key2=="all" and $key1=="")
    $sql="select imageID,fileName1 from image where check='Y' order by imageID desc limit
$offset,$pagesize";
  elseif ($key2=="all" and $key1<> "")
    $sql="select imageID,fileName1 from image where check='Y' and (userID like ('%$key1%')
or imageTopic like ('%$key1%') or description like ('%$key1%')) order by imageID desc limit
$offset,$pagesize";
  elseif ($key2<>"all" and $key1=="")
    $sql="select imageID,fileName1 from image where check='Y' and topic='$key2' order by
imageID desc limit $offset,$pagesize";
  elseif ($key2<>"all" and $key1<> "")
    $sql="select imageID,fileName1 from image where check='Y' and topic='$key2'and (userID
like ('%$key1%') or imageTopic like ('%$key1%') or description like ('%$key1%')) order by
imageID desc limit $offset,$pagesize";

  $result = mysql_query($sql);

```

```

$numrows=mysql_num_rows($result);
$store_dir="../../images/resize/";
?>
<!-- mysql_result($result,$i,"fileName1") -->
<?
$k=0;
$m=0;
for ($i=0;$i<3;$i++) {

    echo "<table frame=above rules=cols border=1 cellpadding=0 cellspacing=0 width=100%
height=160 bordercolor=#FFFFFF bordercolorlight=#808080 bordercolordark=#808080
background=../images/web/lbg029v.jpg>";
    echo "<tr>";
    for ($j=0;$j<4;$j++) {
        if($k< $numrows) {
            $imageID1=mysql_result($result,$k,"imageID");
            $name=$store_dir.mysql_result($result,$k,"fileName1");
            $name1="../../images/customer/" .mysql_result($result,$k,"fileName1");
            $data=GetImageSize($name);
?>
            <td height=154 valign=middle width=25% bordercolorlight=#CCCCFF
bordercolordark=#CCCCFF>
                <p align=center>
                    <a href onClick="javascript:window.open('display_enlarge.php?imageID=<? echo
$imageID1; ?>&operation=enlarge','height=640,width=600,resizable=yes,scrollbars=yes,
status=no,toolbar=no,menubar=no,location=no')">
                        <?
                        echo "</a></td>";
                        $k=$k+1;
                    }
                }
            echo "</tr>";
            echo "<tr>";
            for ($j=0;$j<4;$j++) {
                if($m< $numrows) {
                    $imageID1=mysql_result($result,$m,"imageID");
                    $name1="../../images/customer/" .mysql_result($result,$m,"fileName1");
?>
                    <td width=25% height=6 valign=middle align=center bgcolor=#FFFFFF
bordercolorlight=#CCCCFF bordercolordark=#CCCCFF background=../images/web/lbg029v.jpg>

```



```

A:hover { position: relative; left:1px; top:1px; color:#CC3300 }
</STYLE></head>
<BODY bgcolor="#ffffff">
<?include "menu_home.inc";?>
<table border="0" cellpadding="0" cellspacing="0" width="100%"
background=" ../images/web/lbg029v.jpg" height="15">
  <tr><td width=19% height=15>
    <b>
      <font size=1 color=#003366>
        <? echo date("M.d Y,l"); ?></font>
    </b>
  </td><td width=81% height=15>
    <p align="center">
      <b><font size="2" color="#CC3300">
        Your Account</font></b>
    </p>
  </td>
</tr>
</table>

```

```

<table rules="none" border="0" width="100%" height="30"
background=" ../images/web/lbg029v.jpg" cellspacing="0" cellpadding="0">

```

```

  <tr>
    <td width="268" height="392" rowspan="15" valign="top">
      <? include "menu_left.inc"; ?>
      <table width=182 border=0 cellpadding="0" cellspacing="0">
        <tr><td width=100% height=1>
          <p align="center"></p>
        </td></tr></table>

```

```

<?
  include_once "db_info.php";
  include_once "encrypt.php";
  include_once "display.inc";

```

```

  if (!isset($user)) {

```

```

if(!isset($userID) or isset($wrong)) {
    $info="Please login";
    if(isset($wrong)) {
        if($wrong=="wrongUser") $info="Wrong User ID, try again";
        if($wrong=="wrongPW") $info="Wrong Password, try again";
        if($wrong=="wrongDB") $info="Sorry, we can't Access
Database, try later"; }

        $url="account.php";
        echo "<td width=660 height=1 colspan=4>";
        include "login_input.inc";

        echo "</td>";}
    else {
        include "cart_confirm.inc";

        echo "<meta http-equiv=refresh content='0;
url=account.php?wrong=".$wrong."'>";

        }
        exit; }

?>
</td></tr>
<tr><td width=660 height=1 valign=top>

<table width=100% border=0 rules=none cellpadding="0" cellspacing="0">

<tr><td width=100%><font face="Arial" size=2>
    <b><a href=account_confirm.php><u>Order Confirmation</u></a></b></font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>
    If you receive email informing that an order has been placed, you need to confirm </font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>
    this order within 2 business days and ship the items in 2 business days. </font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>&nbsp;</td></tr>

<tr><td width=100%><font face="Arial" size=2>
    <b><a href=cart.php><u>Shopping Cart</u></a></b></font>
</td></tr>

```



```

<tr><td width=100%><font face="Arial" size=2>
  Manage you shopping cart. </font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>&nbsp;</td></tr>

<tr><td width=100%><font face="Arial" size=2>
  <b><a href=customer_info.php><u>Update your Profile</u></a></b></font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>
  Update your profile and personal information. </font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>&nbsp;</td></tr>

<tr><td width=100%><font face="Arial" size=2>
  <b><a href=account_purchase.php><u>Purchase</u></a></b></font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>
  Review your purchase history. </font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>&nbsp;</td></tr>

<tr><td width=100%><font face="Arial" size=2>
  <b><a href=account_sales.php><u>Sales</u></a></b></font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>
  View all sales you have made.</font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>&nbsp;</td></tr>

<tr><td width=100%><font face="Arial" size=2>
  <b><a href=account_inventory.php><u>Manage Inventory</u></a></b></font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>
  Review your image information. </font>
</td></tr>
<tr><td width=100%><font face="Arial" size=2>&nbsp;</td></tr>

<tr><td width=100%><font face="Arial" size=2>&nbsp;</td></tr>

<tr><td width=100%><font face="Arial" size=2>

```

```

        <b><a href=feedback.php><u>Feedback</u></a></b></font>
    </td></tr>
    <tr><td width=100%><font face="Arial" size=2>
        Review all your feedback. </font>
    </td></tr>
    <tr><td width=100%><font face="Arial" size=2>&nbsp;</td></tr>
</table>
</td></tr>
</table>
</body></html>

```

upload.php

```

<script language="JavaScript">
function check_form() {

    if (document.infoInput.fileName1.value=="")
    { alert("You must input the file name!");
      infoInput.fileName1.focus();
      return false;}

    if (document.infoInput.imageTopic.value=="")
    { alert("You must input the image topic!");
      infoInput.imageTopic.focus();
      return false;}

    if (document.infoInput.topic.value=="")
    { alert("You must select a topic category!");
      infoInput.topic.focus();
      return false;}

    if (document.infoInput.equipment.value=="")
    { alert("You must select the equipment category!");
      infoInput.equipment.focus();
      return false;}

    if (document.infoInput.media.value=="")
    { alert("You must select a media category!");
      infoInput.media.focus();
      return false;}

    if (document.infoInput.dateTaken.value == "") {
      alert("You must input the photographed date!");
      infoInput.dateTaken.focus();
      return false; }

    if (document.infoInput.city.value == "") {

```

```

    alert("You must input the photographed city!");
    infoInput.city.focus();
    return false; }
if (document.infoInput.country.value == "") {
    alert("You must input the photographed country!");
    infoInput.country.focus();
    return false; }
if (document.infoInput.country.value == "United States" &&
document.infoInput.state1.value=="") {
    alert("You must select an US state!");
    infoInput.state1.focus();
    return false; }
if (document.infoInput.country.value != "United States" && document.infoInput.state2.value=="")
{
    alert("You must select a none-US region!");
    infoInput.state2.focus();
    return false; }
if (document.infoInput.state1.value == "" && document.infoInput.state2.value=="") {
    alert("You must select a state!");
    infoInput.state1.focus();
    return false;}

if (document.infoInput.agree.checked != true) {
    alert("You must agree with the terms!");
    infoInput.agree.focus();
    return false; }
/*
if (document.infoInput.price1A.value!="") {
    for (var i=0;i<=document.infoInput.price1A.value.length;i++){
        var a=0;
        for (var j=0;j<=9;j++) {
            if (document.infoInput.infoInput.value.substring(i,i+1)==j)
                a=1;}
        if (a==0)
            { alert("Card Number is not valid!");
            infoInput.cardNO.focus();
            return false;}
    } */
return true;

```

```
}  
function changePrice() {  
  
    document.infoInput.price1A.value=document.infoInput.priceAll.value;  
    document.infoInput.price2A.value=document.infoInput.priceAll.value;  
    document.infoInput.price3A.value=document.infoInput.priceAll.value;  
    document.infoInput.price4A.value=document.infoInput.priceAll.value;  
    document.infoInput.price1B.value=document.infoInput.priceAll.value;  
    document.infoInput.price2B.value=document.infoInput.priceAll.value;  
    document.infoInput.price3B.value=document.infoInput.priceAll.value;  
    document.infoInput.price4B.value=document.infoInput.priceAll.value;  
    document.infoInput.price1C.value=document.infoInput.priceAll.value;  
    document.infoInput.price2C.value=document.infoInput.priceAll.value;  
    document.infoInput.price3C.value=document.infoInput.priceAll.value;  
    document.infoInput.price4C.value=document.infoInput.priceAll.value;  
    document.infoInput.price1D.value=document.infoInput.priceAll.value;  
    document.infoInput.price2D.value=document.infoInput.priceAll.value;  
    document.infoInput.price3D.value=document.infoInput.priceAll.value;  
    document.infoInput.price4D.value=document.infoInput.priceAll.value;  
  
}
```

```
function changePrice2() {  
    document.infoInput.webUse.value=document.infoInput.preUse.value;  
    document.infoInput.printUse.value=document.infoInput.preUse.value;  
}  
</script>
```

```
<div align="center">  
    <center>  
        <table border="0" width="978" height="18" background="../images/web/lbg029v.jpg"  
        cellspacing="0" cellpadding="0" bordercolor="#FFFFFF" rules=none bordercolorlight="#FFFFFF"  
        bordercolordark="#FFFFFF">  
            </center>  
  
            <form name="infoInput" method="post" action="upload.php" enctype="multipart/form-data"  
            onSubmit=" return check_form();">  
  
            <tr>
```

```

<td width="296" height="908" align="right" rowspan="31" valign="top">
<div align="left">
  <table border="0" cellpadding="0" cellspacing="0" width="80%">
    <tr>
      <td width="100%"></td>
    </tr>
    <tr>
      <td width="100%"><font color="#0000FF" face="Arial" size="2"><b>Help
        for Upload</b></font></td>
    </tr>
    <tr>
      <td width="100%"></td>
    </tr>
    <tr>
      <td width="100%"><font face="Arial" size="1">1)Select the image by
        browse button</font></td>
    </tr>
    <tr>
      <td width="100%"><font face="Arial" size="1">2)Input the topic of
        the image.</font></td>
    </tr>
    <tr>
      <td width="100%"><font face="Arial" size="1">3)Choose the
        category, all three fields are needed.</font></td>
    </tr>
    <tr>
      <td width="100%"><font face="Arial" size="1">3)Input when and
        where photographed,</font></td>
    </tr>
    <tr>
      <td width="100%"><font face="Arial" size="1">4)You must input all
        the fields with *.</font></td>
    </tr>
    <tr>
      <td width="100%"><font face="Arial" size="1">5)The other fields
        can be input at any time.</font></td>
    </tr>
    <tr>
      <td width="100%"><font face="Arial" size="1">6)If the resolution
        or price have no value, the image can be searched by users, but

```

```
will display &quot;not available&quot; for shopping.&nbsp;</font></td>
</tr>
<tr>
  <td width="100%"><font face="Arial" size="1">7)You must agree with
    the terms if you want to upload.</font></td>
</tr>
<tr>
  <td width="100%"></td>
</tr>
<tr>
  <td width="100%"></td>
</tr>
<tr>
  <td width="100%"></td>
</tr>
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  <td width="100%"></td>
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  <td width="100%"></td>
</tr>
<tr>
  <td width="100%"></td>
</tr>
<tr>
  <td width="100%"></td>
</tr>
</table>
</div>

<p align="center">
</center>
</td>
```



```

<option selected>select one</option>
<option value="nature">nature</option>
<option value="portrait">portrait</option>
<option value="abstract">abstract</option>
<option value="macro">macro</option>
<option value="architecture">architecture</option>
<option value="others">others</option>
</select> <select size="1" name="equipment">
  <option selected>select one</option>
  <option value="35mm">35mm</option>
  <option value="medium format">medium format</option>
  <option value="large format">large format</option>
  <option value="digital camera">digital camera</option>
  <option value="other">other</option>
</select> <select size="1" name="media">
  <option selected>select one</option>
  <option value="color">color</option>
  <option value="black">black</option>
  <option value="infrared">infrared</option>
  <option value="digital">digital</option>
</select></td>
</tr>
<center>
<tr>
  <td width="164" height="26" align="right" bgcolor="#CCCCCCFF">
    <font face="Arial" size="1" color="#000000">*When photographed?</font>
  </td>
</center>
  <td width="21" height="26" align="right" bgcolor="#CCCCCCFF">
    </td>
  <td width="489" height="26" align="right" bgcolor="#CCCCCCFF">
    <p align="left"><input name="dateTaken" size="22" value="" maxlength="20"><font
face="Arial" size="1">MM-DD-YYYY</font> </p>
  </td>
</center>
</tr>
<tr>
  <td width="164" height="26" align="right" bgcolor="#CCCCCCFF">
    <font face="Arial" size="1" color="#000000">*Where photographed?</font>

```



```

</td>
</center>
<td width="21" height="26" align="right" bgcolor="#CCCCCCFF">

</td>
<td width="489" height="26" align="right" bgcolor="#CCCCCCFF">
  <p align="left"><input name="city" size="22" value="" maxlength="20">
  <font face="Arial" size="1">city</font> </p>
</td>
</center>
</tr>
<tr>
  <td width="164" height="26" align="right" bgcolor="#CCCCCCFF">
    <font size="1" face="Arial">*country</font>
  </td>
</center>
<td width="21" height="26" align="right" bgcolor="#CCCCCCFF">

</td>
<td width="489" height="26" align="right" bgcolor="#CCCCCCFF">
  <p align="left"><select size=1 name=country>
    <option value="" selected>select one</option>
    <option value="United States">United States</option>
    <option value="Canada">Canada</option>
    <option value="United_Kingdom">United Kingdom</option>
    <option value="Afghanista">Afghanistan</option>
    <option value="Albania">Albania</option>
    <option value="Algeria">Algeria</option>
    <option value="Andorra">Andorra</option>
    <option value="Angola">Angola</option>
    <option value="Anguilla">Anguilla</option>
    <option value="Antartica">Antartica</option>
    <option value="Antigua & Barbuda">Antigua & Barbuda</option>
    <option value="Argentina">Argentina</option>
    <option value="Armenia">Armenia</option>
    <option value="ArubaW">Aruba</option>
    <option value="Ascension Island">Ascension Island</option>
    <option value="Australia">Australia</option>
    <option value="Austria">Austria</option>
    <option value="Azerbaijan">Azerbaijan</option>

```

<option value="Bahamas">Bahamas</option>
<option value="Bahrain">Bahrain</option>
<option value="Bangladesh">Bangladesh</option>
<option value="Barbados">Barbados</option>
<option value="Belarus">Belarus</option>
<option value="Belgium">Belgium</option>
<option value="Belize">Belize</option>
<option value="Benin">Benin</option>
<option value="Bermuda">Bermuda</option>
<option value="Bhutan">Bhutan</option>
<option value="Bolivia">Bolivia</option>
<option value="Bosnia_Herzegovina">Bosnia-Herzegovina</option>
<option value="Botswana">Botswana</option>
<option value="Bouvet_Island">Bouvet Island</option>
<option value="Brazil">Brazil</option>
<option value="Brunei_Darussalam">Brunei Darussalam</option>
<option value="Bulgaria">Bulgaria</option>
<option value="Burkina_Faso">Burkina Faso</option>
<option value="Burundi">Burundi</option>
<option value="Cambodia">Cambodia</option>
<option value="Cameroon">Cameroon</option>
<option value="Cape_Verde">Cape Verde</option>

<option value="Cayman_Islands">Cayman Islands</option>

<option value="Chad">Chad</option>
<option value="Chile">Chile</option>
<option value="China">China</option>
<!--
<option value="CX">Christmas Island</option>
<option value="CC">Cocos (Keeling) Islands</option>
<option value="CO">Colombia</option>
<option value="KM">Comoros</option>
<option value="CG">Congo</option>
<option value="CK">Cook Islands</option>
<option value="CR">Costa Rica</option>
<option value="CI">Cote D'Ivoire</option>
<option value="HR">Croatia</option>
<option value="CU">Cuba</option>
<option value="CY">Cyprus</option>

<option value="CZ">Czech Republic</option>
<option value="DK">Denmark</option>
<option value="DG">Diego Garcia</option>
<option value="DJ">Djibouti</option>
<option value="DM">Dominica</option>
<option value="DO">Dominican Republic</option>
<option value="TP">East Timor</option>
<option value="EI">Easter Island</option>
<option value="EC">Ecuador</option>-->
<option value="Egypt">Egypt</option>
<!--
<option value="SV">El Salvador</option>
<option value="GQ">Equatorial Guinea</option>
<option value="EE">Estonia</option>
<option value="ET">Ethiopia</option>
<option value="FO">Faeroe Islands</option>
<option value="FK">Falkland Islands (Malvinas)</option>
<option value="FJ">Fiji</option>
<option value="FI">Finland</option>
<option value="FR">France</option>
<option value="GF">French Guiana</option>
<option value="PF">French Polynesia</option>
<option value="TF">French Southern Territories</option>
<option value="GA">Gabon</option>
<option value="GM">Gambia</option>
<option value="GE">Georgia</option>
<option value="DE">Germany</option>
<option value="GH">Ghana</option>
<option value="GI">Gibraltar</option>
<option value="GR">Greece</option>
<option value="GL">Greenland</option>
<option value="GD">Grenada</option>
<option value="GP">Guadeloupe</option>
<option value="GT">Guatemala</option>
<option value="GG">Guernsey, C.I.</option>
<option value="GN">Guinea</option>
<option value="GW">Guinea-Bissau</option>
<option value="GY">Guyana</option>
<option value="HT">Haiti</option>
<option value="HM">Heard and McDonald Islands</option>

<option value="HN">Honduras</option>
<option value="HK">Hong Kong</option>
<option value="HU">Hungary</option>
<option value="IS">Iceland</option>
<option value="IN">India</option>
<option value="ID">Indonesia</option>
<option value="IR">Iran (Islamic Republic of)</option>
<option value="IQ">Iraq</option>
<option value="IE">Ireland</option>
<option value="IM">Isle of Man</option>
<option value="IL">Israel</option>
<option value="IT">Italy</option>
<option value="JM">Jamaica</option>
<option value="JP">Japan</option>
<option value="JE">Jersey, C.I.</option>
<option value="JO">Jordan</option>
<option value="KZ">Kazakhstan</option>
<option value="KE">Kenya</option>
<option value="KI">Kiribati</option>
<option value="KP">Korea, North</option>
<option value="KR">Korea, South</option>
<option value="KW">Kuwait</option>
<option value="KG">Kyrgyzstan</option>
<option value="LA">Laos</option>
<option value="LV">Latvia</option>
<option value="LB">Lebanon</option>
<option value="LS">Lesotho</option>
<option value="LR">Liberia</option>
<option value="LY">Libyan Arab Jamahiriya</option>
<option value="LI">Liechtenstein</option>
<option value="LT">Lithuania</option>
<option value="LU">Luxembourg</option>
<option value="MO">Macau</option>
<option value="ME">Macedonia</option>
<option value="MG">Madagascar</option>
<option value="MW">Malawi</option>
<option value="MY">Malaysia</option>
<option value="MV">Maldives</option>
<option value="ML">Mali</option>
<option value="MT">Malta</option>

<option value="MH">Marshall Islands</option>
<option value="MQ">Martinique</option>
<option value="MR">Mauritania</option>
<option value="MU">Mauritius</option>
<option value="MX">Mexico</option>
<option value="FM">Micronesia, Fed. States of</option>
<option value="MI">Midway Islands</option>
<option value="MJ">Miquelon</option>
<option value="MD">Moldova, Republic of</option>
<option value="MC">Monaco</option>
<option value="MN">Mongolia</option>
<option value="MS">Montserrat</option>
<option value="MA">Morocco</option>
<option value="MZ">Mozambique</option>
<option value="MM">Myanmar</option>
<option value="NA">Namibia</option>
<option value="NR">Nauru</option>
<option value="NP">Nepal</option>
<option value="AN">Netherland Antilles</option>
<option value="NL">Netherlands</option>
<option value="NV">Nevis</option>
<option value="NC">New Caledonia</option>
<option value="NZ">New Zealand</option>
<option value="NI">Nicaragua</option>
<option value="NE">Niger</option>
<option value="NG">Nigeria</option>
<option value="NU">Niue</option>
<option value="NF">Norfolk Island</option>
<option value="MP">Northern Marianas Islands</option>
<option value="NO">Norway</option>
<option value="OM">Oman</option>
<option value="PK">Pakistan</option>
<option value="PW">Palau</option>
<option value="PA">Panama</option>
<option value="PZ">Panama Canal Zone</option>
<option value="PG">Papua New Guinea</option>
<option value="PY">Paraguay</option>
<option value="PE">Peru</option>
<option value="PH">Philippines</option>
<option value="PN">Pitcairn</option>

<option value="PL">Poland</option>
<option value="PT">Portugal</option>
<option value="QA">Qatar</option>
<option value="RE">Reunion Island</option>
<option value="RO">Romania</option>
<option value="RU">Russian Federation</option>
<option value="RW">Rwanda</option>
<option value="SP">Saipan</option>
<option value="SM">San Marino</option>
<option value="ST">Sao Tome & Principe</option>
<option value="SA">Saudi Arabia</option>
<option value="SN">Senegal</option>
<option value="RS">Serbia, Republic of</option>
<option value="SC">Seychelles</option>
<option value="SL">Sierra Leone</option>
<option value="SG">Singapore</option>
<option value="SK">Slovakia</option>
<option value="SI">Slovenia</option>
<option value="SB">Solomon Islands</option>
<option value="SO">Somalia</option>
<option value="ZA">South Africa</option>
<option value="ES">Spain</option>
<option value="LK">Sri Lanka</option>
<option value="SH">St. Helena</option>
<option value="KN">St. Kitts and Nevis</option>
<option value="LC">St. Lucia</option>
<option value="PM">St. Pierre</option>
<option value="VC">St. Vincent and the Grenadines</option>
<option value="SD">Sudan</option>
<option value="SR">Suriname</option>
<option value="SJ">Svalbard and Jan Mayen Islands</option>
<option value="SZ">Swaziland</option>
<option value="SE">Sweden</option>
<option value="CH">Switzerland</option>
<option value="SY">Syria</option>
<option value="TW">Taiwan</option>
<option value="TJ">Tajikistan</option>
<option value="TZ">Tanzania, United Republic of</option>
<option value="TH">Thailand</option>
<option value="TG">Togo</option>

```

<option value="TK">Tokelau</option>
<option value="TO">Tonga</option>
<option value="TT">Trinidad and Tobago</option>
<option value="TN">Tunisia</option>
<option value="TR">Turkey</option>
<option value="TM">Turkmenistan</option>
<option value="TC">Turks and Caicos Islands</option>
<option value="TV">Tuvalu</option>
<option value="UM">U.S.Minor Outlying Islands</option>
<option value="UG">Uganda</option>
<option value="UA">Ukraine</option>
<option value="AE">United Arab Emirates</option>
<option value="UY">Uruguay</option>
<option value="UZ">Uzbekistan</option>
<option value="VU">Vanuatu</option>
<option value="VA">Vatican City</option>
<option value="VE">Venezuela</option>
<option value="VN">Vietnam</option>
<option value="VG">Virgin Islands (British)</option>
<option value="WI">Wake Island</option>
<option value="WF">Wallis and Futuna Islands</option>
<option value="EH">Western Samoa</option>
<option value="YE">Yemen, Republic of</option>
<option value="YU">Yugoslavia</option>
<option value="ZR">Zaire</option>
<option value="ZM">Zambia</option>
<option value="ZZ">Zanzibar</option>
<option value="ZW">Zimbabwe</option>-->
</select> &nbsp;</p>
</td>
</tr>
<center>
<tr>
<td width="164" height="27" align="right" bgcolor="#CCCCCCFF">
<font size="1" face="Arial">USA state</font>
</td>
<td width="21" height="27" align="right" bgcolor="#CCCCCCFF">

</td>
</center>

```

```
<td width="489" height="27" align="right" bgcolor="#CCCCCC">
<p align="left"><FONT size=1>
  <SELECT name=state1 size="1">
    <OPTION value="" selected>choose state
    <OPTION value=Alabama>Alabama</option>
    <OPTION value=Alaska>Alaska</option>
    <OPTION value=Arizona>Arizona</option>
    <OPTION value=Arkansas>Arkansas</option>
    <OPTION value=California>California</option>
    <OPTION value=Colorado>Colorado</option>
    <OPTION value=Connecticut>Connecticut</option>
    <OPTION value=Delaware>Delaware</option>
    <OPTION value=Florida>Florida</option>
    <OPTION value=Georgia>Georgia</option>
    <OPTION value=Hawaii>Hawaii</option>
    <OPTION value=Idaho>Idaho</option>
    <OPTION value=Illinois>Illinois</option>
    <OPTION value=Indiana>Indiana</option>
    <OPTION value=Iowa>Iowa</option>
    <OPTION value=Kansas>Kansas</option>
    <OPTION value=Kentucky>Kentucky</option>
    <OPTION value=Louisiana>Louisiana</option>
    <OPTION value=Maine>Maine</option>
    <OPTION value=Maryland>Maryland</option>
    <OPTION value=Massachusetts>Massachusetts</option>
    <OPTION value=Michigan>Michigan</option>
    <OPTION value=Minnesota>Minnesota</option>
    <OPTION value=Mississippi>Mississippi</option>
    <OPTION value=Missouri>Missouri</option>
    <OPTION value=Montana>Montana</option>
    <OPTION value=Nebraska>Nebraska</option>
    <OPTION value=Nevada>Nevada</option>
    <OPTION value="New Hampshire">New Hampshire</option>
    <OPTION value="New Jersey">New Jersey</option>
    <OPTION value="New Mexico">New Mexico</option>
    <OPTION value="New York">New York</option>
    <OPTION value="North Carolina">North Carolina</option>
    <OPTION value="North Dakota">North Dakota</option>
    <OPTION value=Ohio>Ohio</option>
    <OPTION value=Oklahoma>Oklahoma</option>
```



```
<OPTION value=Oregon>Oregon</option>
<OPTION value=Pennsylvania>Pennsylvania</option>
<OPTION value="Rhode Island">Rhode Island</option>
<OPTION value="South Carolina">South Carolina</option>
<OPTION value="South Dakota">South Dakota</option>
<OPTION value=Tennessee>Tennessee</option>
<OPTION value=Texas>Texas</option>
<OPTION value=Utah>Utah</option>
<OPTION value=Vermont>Vermont</option>
<OPTION value=Virginia>Virginia</option>
<OPTION value=Washington>Washington</option>
<OPTION value="Washington D.C.">Washington D.C.</option>
<OPTION value="West Virginia">West Virginia</option>
<OPTION value=Wisconsin>Wisconsin</option>
<OPTION value=Wyoming>Wyoming</option>
<OPTION value="Army Europe">Army Europe</option>
<OPTION value="Army Pacific">Army Pacific</option>
<OPTION value="Army America">Army America</OPTION>
</SELECT> </FONT></p>
```

```
</td>
```

```
</tr>
```

```
<center>
```

```
<tr>
```

```
<td width="164" height="27" align="right" bgcolor="#CCCCCCFF">
```

```
<font size="1" face="Arial">Not USA</font>
```

```
</td>
```

```
</center>
```

```
<td width="21" height="27" align="right" bgcolor="#CCCCCCFF">
```

```
</td>
```

```
<td width="489" height="27" align="right" bgcolor="#CCCCCCFF">
```

```
<p align="left"><input name="state2" size="22" value="" maxlength="20">
```

```
</p>
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td width="164" height="58" align="right" valign="bottom" bgcolor="#CCCCCCFF">
```

```
<p align="right">
```

```
<font face="Arial" size="1">
```

```
Description</font>
```

```

    </p>
  </td>
</center>
  <td width="21" height="126" align="right" bgcolor="#CCCCCC" valign="top" rowspan="2">

  </td>
</center>
  <td width="489" height="126" align="right" bgcolor="#CCCCCC" rowspan="2">
    <p align="left"><textarea rows=5 name=description cols="40">enter a short description for
this image</textarea>
  </td>
</tr>
</center>
<tr>
  <td width="164" height="68" align="right" valign="bottom" bgcolor="#CCCCCC">

  </td>
</tr>
<tr>
  <td width="678" height="8" align="right" valign="middle" colspan="3">

  </td>
</tr>
</center>
<tr>
  <td width="678" height="23" align="right" valign="middle" colspan="3" bgcolor="#99CCFF">
    <p align="left">&nbsp;<font face="Arial" size="2" color="#000080">Resolution</font>
  </td>
</tr>
<tr>
  <td width="678" height="9" align="right" valign="middle" colspan="3" bgcolor="#CCCCCC">
    <table border="1" cellpadding="0" cellspacing="0" bordercolor=#008000 width="80%"
height="57" bordercolorlight="#008000" bordercolordark="#FFFFFF">
      <tr>
        <td width="10%" align="center" height="22"><font color="#000080" face="Arial"
size="1">Size</font></td>
        <td width="42%" height="22" align="center"><font color="#000080" face="Arial"
size="1">Pixel Dimension</font></td>
        <td width="30%" height="22" align="center"><font color="#000080" face="Arial"
size="1">Output

```

```

        Size of 300
        PPI</font></td>
        <td width="15%" height="22" align="center"><font color="#000080" face="Arial"
size="1">File Size</font></td>
    </tr>
    <tr>
        <td width="10%" align="center" height="15"><font color="#FF0000" face="Arial"
size="1">Low</font></td>
        <td width="42%" height="15" align="center"><font face="Arial" size="1"> <input
name="lp1" size="6" value="" maxlength="20" onchange="changePrice();">
        Pixels<font color="#800000">X </font><input name="lp2" size="6" value=""
maxlength="20" onchange="changePrice();">
        Pixcels</font></td>
        <td width="30%" height="15" align="center"><font face="Arial" size="1"> <input
name="lo1" size="6" value="" maxlength="20" onchange="changePrice();">cm<font
color="#800000">X
        </font><input name="lo2" size="6" value="" maxlength="20"
onchange="changePrice();">cm</font></td>
        <td width="15%" height="15" align="center"><font face="Arial" size="1"> <input name="lf"
size="6" value="" maxlength="20" onchange="changePrice();">
        MB</font></td>
    </tr>
    <tr>
        <td width="10%" align="center" height="12"><font color="#FF0000" face="Arial"
size="1">Medium</font></td>
        <td width="42%" height="15" align="center"><font face="Arial" size="1"> <input
name="mp1" size="6" value="" maxlength="20" onchange="changePrice();">
        Pixels<font color="#800000">X </font><input name="mp2" size="6" value=""
maxlength="20" onchange="changePrice();">
        Pixcels</font></td>
        <td width="30%" height="15" align="center"><font face="Arial" size="1"> <input
name="mo1" size="6" value="" maxlength="20" onchange="changePrice();">cm<font
color="#800000">X
        </font><input name="mo2" size="6" value="" maxlength="20"
onchange="changePrice();">cm</font></td>
        <td width="15%" height="15" align="center"><font face="Arial" size="1"> <input
name="mf" size="6" value="" maxlength="20" onchange="changePrice();">
        MB</font></td>
    </tr>
    <tr>

```



```

</td>
<td width="21" height="130" align="right" bgcolor="#CCCCCCFF">

</td>
</center>
<td width="489" height="130" align="right" valign="top" bgcolor="#CCCCCCFF">
  <div align="left">
    <table border="1" width="60%" cellspacing="0" cellpadding="0" bordercolorlight="#008000"
bordercolor="#008000" bordercolordark="#FFFFFF">
      <tr>
        <td width="12%" align="center"> </td>
        <td width="21%" align="center"><font size="1" face="Arial">1/4Page</font></td>
        <td width="21%" align="center"><font size="1" face="Arial">2</font><font
size="1">/4Page</font></td>
        <td width="21%" align="center"><font size="1" face="Arial">3</font><font
size="1">/4Page</font></td>
        <td width="22%" align="center">
          <p align="center"><font size="1" face="Arial">full</font><font size="1">
Page</font></td>
      </tr>
      <tr>
        <td width="12%" align="right"><font size="1" face="Arial">&lt;100,000</font></td>
        <td width="21%" align="center"><font size="1"><input name="price1A" size="8" value=""
maxlength="20">
          </font></td>
        <td width="21%" align="center"><font size="1"><input name="price1B" size="8" value=""
maxlength="20">
          </font></td>
        <td width="21%" align="center"><font size="1"><input name="price1C" size="8" value=""
maxlength="20">
          </font></td>
        <td width="22%" align="center"><font size="1"><input name="price1D" size="8" value=""
maxlength="20">
          </font></td>
      </tr>
      <tr>
        <td width="12%" align="right"><font size="1" face="Arial">&lt;500,000</font></td>
        <td width="21%" align="center"><font size="1"><input name="price2A" size="8" value=""
maxlength="20">

```

```

        </font></td>
        <td width="21%" align="center"><font size="1"><input name="price2B" size="8" value=""
maxlength="20">
        </font></td>
        <td width="21%" align="center"><font size="1"><input name="price2C" size="8" value=""
maxlength="20">
        </font></td>
        <td width="22%" align="center"><font size="1"><input name="price2D" size="8" value=""
maxlength="20">
        </font></td>
    </tr>
    <tr>
        <td width="12%" align="right"><font size="1" face="Arial">&lt;1,000,000</font></td>
        <td width="21%" align="center"><font size="1"><input name="price3A" size="8" value=""
maxlength="20">
        </font></td>
        <td width="21%" align="center"><font size="1"><input name="price3B" size="8" value=""
maxlength="20">
        </font></td>
        <td width="21%" align="center"><font size="1"><input name="price3C" size="8" value=""
maxlength="20">
        </font></td>
        <td width="22%" align="center"><font size="1"><input name="price3D" size="8" value=""
maxlength="20">
        </font></td>
    </tr>
    <tr>
        <td width="12%" align="right"><font size="1" face="Arial">&gt;1,000,000</font></td>
        <td width="21%" align="center"><font size="1"><input name="price4A" size="8" value=""
maxlength="20">
        </font></td>
        <td width="21%" align="center"><font size="1"><input name="price4B" size="8" value=""
maxlength="20">
        </font></td>
        <td width="21%" align="center"><font size="1"><input name="price4C" size="8" value=""
maxlength="20">
        </font></td>
        <td width="22%" align="center"><font size="1"><input name="price4D" size="8" value=""
maxlength="20">
        </font></td>

```



```

<body>

  <table rules=cols border="1" cellpadding="0" cellspacing="0" width="560" height="623"
background=" ../images/web/lbg029v.jpg">
  <tr>
    <td width=80% height="1" valign="middle" colspan="4" bgcolor="#FFFFFF"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
      <p align="left"><font face="Arial" size="5"
color="#006666"><b>TXphoto</b></font></p></td>
    <td width=20% height="1" valign="bottom" colspan="2" bgcolor="#FFFFFF"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
      <form><p align="right"><input type=button value="Close Window"
onClick="javascript:self.close();"></form></td>
  </tr>
  <tr>
    <td width=100% height="25" valign="middle" bordercolor="#FFFFFF" bgcolor="#800000"
colspan="5" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
      <font size="2" face="Arial" color="#FFFFFF"><b>Image Information</b></font></td>
  </tr>
  <tr>
    <td width=20% height="19" valign="middle" bgcolor="#808080" align="center"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
      <p align="center"><a href="display_enlarge.php?imageID=? echo $imageID; ?"><font
size="1" face="Arial"><b>Enlargement</b></a></font></p></td>
    <td width=20% height="19" valign="middle" bgcolor="#CCCCCC" align="center"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
      <p align="center"><b>
<font size="1" face="Arial">
Information</font></b></p></td>
    <td width=20% height="19" valign="middle" bgcolor="#808080" align="center"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
      <p align="center"><font size="1" face="Arial" color="#FFFFFF"><b>
<a href="display_available.php?imageID=? echo $imageID; ?">Available</a></b></font>
<td width=20% height="19" valign="middle" bordercolor="#FFFFFF"
bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF" bgcolor="#808080">
      <p align="center"><font size="1" face="Arial" color="#FFFFFF"><b>
<a href="display_cart.php?imageID=? echo $imageID; ?">Add to
Cart</a></b></font></p></td>
    <td width=20% height="19" valign="middle" bordercolor="#FFFFFF"
bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF" bgcolor="#808080"></td>

```

```

</tr>
<tr>
  <td width=556 height="524" valign="top" colspan="5">
<table width=100% border=0 cellpadding=0 cellspacing=0 height="30">
<tr>
<td width=39% height=44 rowspan="2">

<?
  include "db_info.php";
  $connect=db_access();
  $sql="select * from image where imageID='$imageID'";
  $result = mysql_query($sql);
  $num=mysql_num_rows($result);

  if ($num==0) {
    echo "No new records";
    exit;
  }
  $row = mysql_fetch_array($result);

  $store_dir="./images/resize/";
  $name=$store_dir.$row["fileName1"];
  $data = GetImageSize($name);
  ?>
<td width=66% height=22 align="left">
<font face="Arial" size="1">
<b>
Author:</b>&nbsp;&nbsp;&nbsp;<? echo trim($row["userID"]); ?></font>

  </td>
</tr>
<tr>
<td width=66% height=22 align="left">
<font face="Arial" size="1">
<b>
Subject:</b>&nbsp;&nbsp;&nbsp;<? echo trim($row["imageTopic"]); ?></font>

  </td>
</tr>
<tr>

```

```

<td width=39% height=107 rowspan="5">
<?
echo "<p align=center valign=middle>";
?>
    </td>
<td width=66% height=22 align="left">
    <font face="Arial" size="1">
    <b>
    Date Uploaded:</b>&nbsp;&nbsp;&nbsp;<? echo trim($row["dateInserted"]); ?></font>
    </td>
</tr>
<tr>
<td width=66% height=23 align="left">
    <font face="Arial" size="1">
    <b>
    Topic:</b>&nbsp;&nbsp;&nbsp;<? echo trim($row["topic"]); ?></font>
    </td>
</tr>
<tr>
<td width=66% height=23 align="left">
    <font face="Arial" size="1">
    <b>
    Equipment:</b>&nbsp;&nbsp;&nbsp;<? echo trim($row["equipment"]); ?></font>
    </td>
</tr>
<tr>
<td width=66% height=23 align="left">
    <font face="Arial" size="1">
    <b>
    Media:</b>&nbsp;&nbsp;&nbsp;<? echo trim($row["media"]); ?></font>
    </td>
</tr>
<tr>
<td width=66% height=13>
    <p align="left"><font face="Arial" size="1">
    <b>
    Photographed Location</b></font></p>
    </td>
</tr>
<tr>

```



```
<font face="Arial" size="1" color="#808080"><i>(c)TXphotos.com All Rights
Reserved</i></font>
```

```
</td>
</tr>
</table>
</table>
</body>
```

display_available.php

```
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=gb2312">
<meta name="GENERATOR" content="Microsoft FrontPage 4.0">
<meta name="ProgId" content="FrontPage.Editor.Document">
<title>New Page 1</title>
<STYLE TYPE="text/css">
A { text-decoration: NONE; color: #FFFFFF}
A:hover { color: #3399FF }
</STYLE>
</head>

<body>
<table rules=cols border="1" cellpadding="0" cellspacing="0" width="560" height="21"
background="../images/web/lbg029v.jpg">
<tr>
<td width=80% height="1" valign="middle" colspan="4" bgcolor="#FFFFFF"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
<p align="left"><font face="Arial" size="5"
color="#006666"><b>TXphoto</b></font></p></td>
<td width=20% height="1" valign="bottom" colspan="2" bgcolor="#FFFFFF"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
<form><p align="right"><input type=button value="Close Window"
onClick="javascript:self.close();"></form></td>
</tr>
<tr>
<td width=100% height="25" valign="middle" bordercolor="#FFFFFF" bgcolor="#800000"
colspan="5" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
<font size="2" face="Arial" color="#FFFFFF"><b>Available </b></font></td>
</tr>
```

```

<tr>
  <td width=20% height="19" valign="middle" bgcolor="#808080" align="center"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
  <p align="center"><font size="1" face="Arial" color="#FFFFFF"><b>
  <a href="display_ENLARGE.php?imageID=? echo
$imageID; ?">Enlargement</a></b></font></p></td>
  <td width=20% height="19" valign="middle" bgcolor="#808080" align="center"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
  <p align="center"><font size="1" face="Arial" color="#FFFFFF"><b>
  <a href="display_info.php?imageID=? echo
$imageID; ?">Information</a></b></font></p></td>
  <td width=20% height="19" valign="middle" bgcolor="#cccccc" align="center"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
  <p align="center"><font size="1" face="Arial" ><b>
  Available</b></font>
  <td width=20% height="19" valign="middle" bgcolor="#808080" align="center"
bordercolor="#FFFFFF" bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF">
  <p align="center"><font size="1" face="Arial" color=#ffffff><b>
  <a href="display_cart.php?imageID=? echo $imageID; ?">Add to
Cart</a></b></font></p></td>
  <td width=20% height="19" valign="middle" bordercolor="#FFFFFF"
bordercolorlight="#FFFFFF" bordercolordark="#FFFFFF" bgcolor="#808080"></td>
</tr>

</table>

<div align="left">
<table rules=none border="1" cellpadding="0" cellspacing="0" width="560" height="228">
<tr><td width=100% height=10>

<?
  include_once "db_info.php";
  include_once "encrypt.php";
  include_once "display.inc";
  $connect=db_access();
  if (!$connect) { dispaly("can't access database,try later"); exit; }
  $sql="select * from image where imageID='$imageID'";
  $result = mysql_query($sql);
  $num=mysql_num_rows($result);

```



```

if ($num==0) { display("Sorry,no record for this iamge"); exit; }
$row = mysql_fetch_array($result);
if ($row["price1A"]==0 and $row["preUse"]==0 and $row["webUse"]==0 and
$row["printUse"]==0)
    { info_display("Sorry, this image is not available.");
      exit;
    }
$store_dir="../../images/resize/";
$name=$store_dir.$row["fileName1"];
$data = GetImageSize($name);
?>
</td></tr>
<tr>
<td width="160" height="160">
<p align=center valign=middle>
<img border=0 src=<? echo $name; ?> width=<? echo $data[0]; ?> height=<? echo
$data[1]; ?>>
</td>
<td with="490" height=160" >
<p align=center valign=middle>
<table border="1" cellpadding="0" cellspacing="0" width=100% height=100%
bordercolor="#000000" bordercolorlight="#FFFFFF" bordercolordark="#808080">
<tr>
<td width=10% align=center><font color="#000080" face="Arial" size="1">Size</font></td>
<td width=40% align=center><font color="#000080" face="Arial" size="1">
Pixel&nbsp;Dimension <i>pixels&nbsp;&nbsp;&nbsp;</i>X&nbsp;&nbsp;&nbsp;<i>pixels</i></font></td>
<td width=40% align=center><font color="#000080" face="Arial" size="1">Output
Size of 300 PPI</font></td>
<td width=10% align=center><font color="#000080" face="Arial" size="1">File
Size</font></td>
</tr>
<tr>
<td width=10% align=center><font color="#FF0000" face="Arial" size="1">Low</font></td>
<td width=40% align=center><font face="Arial" size="1">
<? echo $row["lp1"];?>X<? echo $row["lp1"];?></font></td>
<td width=40% align=center><font face="Arial" size="1">
<? echo $row["lo1"];?><i>cm</i>X<? echo $row["lo1"];?><i>cm</i></font></td>
<td width=10% align=center><font face="Arial" size="1">
<? echo $row["lf"];?><i>MB</i></font></td>
</tr>

```



```

<tr>
  <td width="100%" colspan="5" align="center">
    <p align="center"><font face="Arial" size="1" color="#800000"><b>Price
Information</b></font></td>
  </tr>
</center>
<tr>
  <td width="100%" align="center" colspan="5">
    <p align="left"><font face="Arial" size="1" color="#000080">For
    professional use</font><font color="#FF0000" face="Arial" size="1">(High
    resoluton)</font></td>
  </tr>
<center>
  <tr>
    <td width="20%" align="left"> </td>
    <td width="20%" align="center"><font face="Arial" size="1">1/4
    Page</font></td>
    <td width="20%" align="center"><font face="Arial" size="1">2/4
    Page</font></td>
    <td width="20%" align="center"><font face="Arial" size="1">3/4
    Page</font></td>
    <td width="20%" align="center"><font face="Arial" size="1">4/4
    Page</font></td>
  </tr>
  <tr>
    <td width="20%" align="right"><font face="Arial" size="1">&lt;100,000</font></td>
    <td width="20%" align="center"><font face="Arial" size="1"><? echo
    $row["price1A"]; ?></font> </td>
    <td width="20%" align="center"><font face="Arial" size="1"><? echo
    $row["price1B"]; ?></font> </td>
    <td width="20%" align="center"><font face="Arial" size="1"><? echo
    $row["price1C"]; ?></font> </td>
    <td width="20%" align="center"><font face="Arial" size="1"><? echo
    $row["price1D"]; ?></font> </td></font>
  </tr>
  <tr>
    <td width="20%" align="right"><font face="Arial" size="1">&lt;500,000</font></td>
    <td width="20%" align="center"><font face="Arial" size="1"><? echo
    $row["price2A"]; ?></font> </td>

```

```

        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price2B"]; ?></font> </td>
        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price2C"]; ?></font> </td>
        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price2D"]; ?></font> </td>
    </tr>
    <tr>
        <td width="20%" align="right"><font face="Arial" size="1">&lt;1,000,000</font></td>
        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price3A"]; ?></font> </td>
        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price3B"]; ?></font> </td>
        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price3C"]; ?></font> </td>
        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price3D"]; ?></font> </td>
    </tr>
    <tr>
        <td width="20%" align="right"><font face="Arial" size="1">&gt;1,000,000</font></td>
        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price4A"]; ?></font> </td>
        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price4B"]; ?></font> </td>
        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price4C"]; ?></font> </td>
        <td width="20%" align="center"><font face="Arial" size="1"><? echo
$row["price4D"]; ?></font> </td>
    </tr>
</center>
<tr>
    <td width="100%" align="center" colspan="5">
        <p align="left"><font face="Arial" size="1" color="#000080">&nbsp;For
        personal use</font><font color="#FF0000" face="Arial" size="1">(Low or Medium
Resoluiton)</font></td>
    </tr>
</center>
<tr>
    <td width="100%" align="center" colspan="5"><font face="Arial" size="1">For

```

