

Governors State University OPUS Open Portal to University Scholarship

All Capstone Projects

Student Capstone Projects

Summer 2016

GSU Event Portal

Pradeep Kumar Kollu
Governors State University

Venkatraman Metpally
Governors State University

Suraj Ram Ravuri
Governors State University

Sadhan Vegendla
Governors State University

Follow this and additional works at: <http://opus.govst.edu/capstones>

 Part of the [Computer Sciences Commons](#)

Recommended Citation

Kollu, Pradeep Kumar; Metpally, Venkatraman; Ravuri, Suraj Ram; and Vegendla, Sadhan, "GSU Event Portal" (2016). *All Capstone Projects*. 277.

<http://opus.govst.edu/capstones/277>

For more information about the academic degree, extended learning, and certificate programs of Governors State University, go to http://www.govst.edu/Academics/Degree_Programs_and_Certifications/

Visit the [Governors State Computer Science Department](#)

This Project Summary is brought to you for free and open access by the Student Capstone Projects at OPUS Open Portal to University Scholarship. It has been accepted for inclusion in All Capstone Projects by an authorized administrator of OPUS Open Portal to University Scholarship. For more information, please contact opus@govst.edu.

ABSTRACT

This is a Hybrid Web Application that brings both business and customer on to single platform. It deals which Events, Promotion and deals by the many organization and selling the tickets online.

Through this application it helps the business or an individual to publish, promote and sell their event tickets or deals to the customers and ease to do business. It also helps the event's organizers and business to increase the market through Social Media. This application helps the customer to check the event, deals based on location, cost, type, date and buy tickets for them. It Supports both pc and mobile platforms through Web.

Description:

This Web application makes the event organizers, Business and customer job easier. This application helps the business to post and promote the event or deals to the customer with the all the information related to the event or business like time, place, cost and description about the event or the product. It helps the business or event organizers to improve their market and promote which helps them to increase their market. Through this application customer are able to find the event happening near to him and get information related to the event. So that, he can make a decision to attend the event without visiting and event any can buy tickets which helps him not the concern about the availability and provides comfort in buying tickets. Our application also helps to promote free event generally conducted by many social organizations, Charities etc.

This is a role based application consists three different roles based on the functionalities and privileges to the roles. Below are the roles associated with the application.

- 1) Customer
- 2) Administrator

Customer:

Customer are able to view to the event and deals and can sort the search based on the location of the event, Type of the event, date of the event, cost of the event. Customer can view the pictures related to the event, information or description about the event. He is allowed to rate the event for future visitors or customers to event. Customers are able to create an account by Sign up with login and password providing his information like Name, Address, email id, phone number, location. Customers are allowed to buy tickets by logging into their account. Customer gets the copy of their tickets by entering their email id. Customer are able to view his past events and registrations done through this site. Customers are allowed to create and promote the event or deal by providing information related to event like type of the event, conducted by, location of the event, time of the event, Cost of the event and Customer are allowed to post a cover picture of the event and post other photos that are related to the event. Customers are also allowed to update, edit or delete the event posted by him. Customer are able to see his previous posted event, number of tickets sold and can promote their event through social Media.

Administrator:

Administrator is the one who administrates whole application i.e Governor State University. Administrator are able to monitor, Enhance and maintain the application. Administrator are able to monitor the posts and check and nay malicious information is presented by the vendor and can edit the event. Administrator can delete the fraud posing's and can control them by removing vendor privileges. Administrator are able to review the event like numbers of tickets sold for the event and can track the number of event posted or deleted. Administrator can also sort the post based on location, cost, type date etc. Administrator are allowed to enhance the application if there is anything that need to be added to application in future.

Technical Requirements:

Operating System	:	WINDOWS XP/7/10, Linux.
Programming Languages	:	JAVA 1.7, J2EE.
Framework	:	Spring 3.0, Hibernate.
Data Base	:	MySQL.

Technologies	:	J2EE, JDBC, Servlets, JSP, Hibernate, AJAX, XML, XSL.
Design Methodologies	:	UML.
Tools	:	Putty, WIN SCP, TOAD, Spring MVC 3.0.
IDE	:	Eclipse.
Web Servers	:	Tomcat.
Scripting Languages	:	JavaScript, JQuery.

Table of Content

1	<i>Feature Description</i>	1
1.1	Competitive Information	1
1.2	Relationship to Other Applications/Projects.....	1
1.3	Assumptions and Dependencies	1
1.4	Future Enhancements.....	1
1.5	Definitions and Acronyms.....	1
2	<i>Technical Description</i>	2
2.1	Project/Application Architecture	2
2.2	Project/Application Information flows	3
2.3	Interactions with other Projects (if Any)	4
2.4	Interactions with other Applications	4
2.5	Capabilities	4
2.6	Risk Assessment and Management.....	4
3	<i>Project Requirements</i>	4
3.1	Identification of Requirements	4
3.2	Operations, Administration, Maintenance and Provisioning (OAM&P).....	4
3.3	Security and Fraud Prevention.....	7
3.4	Release and Transition Plan.....	9
4	<i>Project Design Description</i>	10
5	<i>Project Internal/external Interface Impacts and Specification</i>	12
6	<i>Project Design Units Impacts</i>	18
6.1	Functional Area/Design Unit A	18
7	<i>Open Issues</i>	18
8	<i>Acknowledgements</i>	18
9	<i>References</i>	18
10	<i>Appendices</i>	18

1 Project Description

Our Project aim is to create a website which helps them find the events going on around the country. By entering our website people can look at all the events going on at present, and in the future. Not just looking at what's happening, but can also do things like getting details of the events, making appointments, buy tickets etc., Our website is also a medium in between people who attends the events and people who organize the events. An event organizer can post an event on our website and can even sell their tickets. An Organizer can post an event and all the details about the event like time, place, what the event is about. People can look through all the events posted in our website and can even see the location of the event in the maps provided. There are some applications which people can look at the events going on around them, and waiting on the phone line for the customer care to help them with their questions, but our aim is to help the people look for events and can also make schedules right away, they don't have to drive all the way to the event organizer just to make appointment or buy tickets. We help them do it right away on their personal computer or their mobile device which saves a lot of their valuable time.

1.1 Competitive Information

Our competitor is EVENTBRITE which provides a medium for both event seekers and event organizers. And they have some backdrops which they have not yet resolved and we are trying to give a better experience to the user providing them with a better and very easy User interface reliable Database system to store their information. More reliable and quick response from the admin. Very fast and in time response from the website for example. If a user purchases or gets an appointment for the event, the user will be notified through a mail which has all the information like online ticket, appointment information, event information date, time, place within seconds. Our admin is always available around the clock and the events posted by the user are reviewed and approved by the admin and the event is posted in very least possible time.

1.2 Relationship to Other Applications/Projects

Our project uses help of other applications like Google maps and the payment gateways, to give out the best to the users. Google maps are used to give the user a clear and accurate information on the place of the events. As the users can purchase tickets, to make the payments secure we use payment gateways for a secured payment.

1.3 Assumptions and Dependencies

For our project we assume that every user uses English as their medium of communication. We assume the users are fully aware of the technology involved in our website. We assume the users are fully aware of the online payment procedures.

Our projects depend on google maps and payment gateways. Our project uses google maps to present information of the event occurring in accordance with the location of the user's location. User can look up where the event is located and make plans of travel accordingly. As the google maps are the most reliable and highly trusted to be most accurate we use the google maps in our project. Our project is involved in payments and purchases, in order to provide best trusted service, we use very trusted third party payment gateways so that the user feel comfortable in using online payments without any issues.

The users need to be fully aware of the technology involved in the website like going through the website, using search bar, using maps involved in the website, online payments etc.,

1.4 Future Enhancements

As the technology is advancing very rapidly in these days we are planning to keep up with the advancement. We plan in adding more capabilities for the users like streaming the events live. And uploading the video of the event occurred. Updating the User Interface of the website to the new technology like smart watches, personal schedulers etc. We plan to develop the capabilities of the maps to redirect to the user's mobile maps for the transportation. We plan to increase the efficiency of the website. And finally a mobile application of our website which can do many things which a website cannot do like, interaction with the mobile maps, An website can only send a mail notifying the event but a mobile application can notify the user which is available to the user at all the time. A mobile application can interact with other applications for a better service to the user for example a mobile application can interact with the connected devices which user have like smart watch, Bluetooth devices, and video sharing devices which a website is not capable. We plan to include some special features which analyses the taste of the user by some small surveys and the type of events they search, likes and dislikes, displaying events related to the vents they have searched, a separate part of the webpage which shows the related events of their searched, liked and visited.

1.5 Definitions and Acronyms

GSU- Governors State University

NFR- Non Functional Requirements

2 *Project Technical Description*

In our project we are going to develop a Web application named GSU Event Portal. With this portal we are going to provide service for the people who are going to Events. In this application customers are allowed to view the events posted by event organizer as well as they can post the event and can book tickets for the event they wish to attend. And we also have other user of the application i.e the administrator who are to administer the website. They are able to view the event posted by the customers, they can accept or reject the ending events and can add or remove customer and also allowed to add type and category of the customers. It also used to book the tickets for the event they wish to go and able to search or filter the events based on type, category, location, cost and so on. It is also integrated with third party application google Map. When the customer entered the location for the event it got a Map pointing to the location where the event is going to be conducted. It will allow the user to sign up and sign in to create the event and to book the tickets. Once the user decided to book, he need to supply with some information like number of tickets and then the it asks for confirmation of the order where the user will confirm the order, Once the user confirm the order, an email will be sent to the customer through email Registered with our application.

Here we found out some designing principles to ensure our design meets the desired architecture.

- 1) This application should be strong enough to handle when the number of users has been increased who hits the site and should be able to increase the size of application without affecting the functionality of the application in future days.
- 2) And Application should support to add more requirements in the future days of the application without affecting the old features that application consist.
- 3) It should support all the standards of the regular web application. We are going to develop this application in Java where it should all application principle in java like J2EE, Springs, Servlets and so on.
- 4) This application should work in all the devices like whether it may be a PC, tablet or Moblie. It functionality should not be affected with regards to the devices.

To establish all the goals and to meet all the requirements for this application, we are going to following the process of Gathering the requirements, validating them, making design based on fulfilling the requirements and implementing the project according to the design and Verifying the application performance and Efficiency in live usage of the application.

2.1 *Application Architecture*

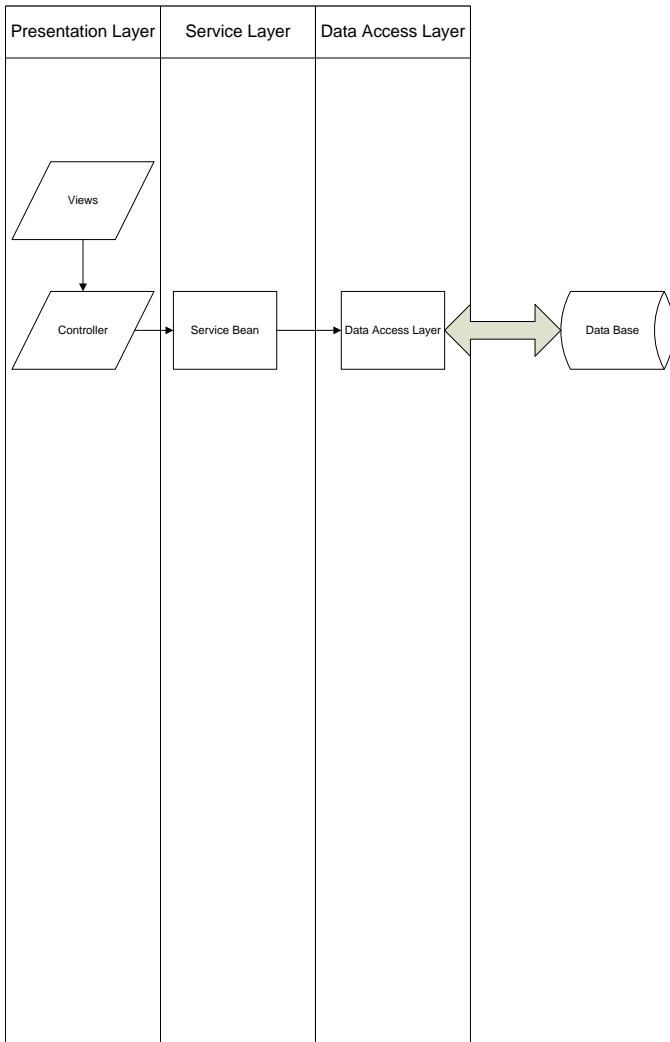
In Our application it is mainly divided into three main components enforcing MC Model for our application. Where it would divide front end components from the Business layer where services will not be combined for UI Components and Data base components.

- 1) Presentation Layer
- 2) Service Layer
- 3) Data access layer

Presentation Layer: In this Layer it would be a Client side usage where a User can hit our application from the browser where all over Html Pages are presented on the client side. And all Java Script components and validation will be done here with reducing g lot of effort on Service layer.

Service Layer: In this service layer all our business components would be existed like Session Components, Validation components, Interface Components.

Data Access Layer: In this we use Java Data Base connections to connect with Database and the Methods of our application. With this process it would reduce the complexity of getting the data form various data files with having any impact on our methods and classes of the Service Layer.



2.2 Application Information flows

In the home page we find the three links

1. **Browser event:** so in the home page we find this link by this we will come across many lists of events in the portal with the picture which is related it and more over it gives the information about the event. In this page we should give the location, category which type of event, date of the event and prize after filtering we get all the details regarding it and the price of the event.
2. **Sign up:** sign up means to join the la new website when you are not the member of the site. So for crating the account you go to sign up link. So this link is used to sign up to the page by giving the details of the user. Here we pop up the registration fields with the email of the user and password and then click the sign up button to forward the link. If you already have the account so you can directly go the sign in option which you find below these options
3. **Sign in:** sign in means to open a website when you are the member of the site .so in this link we pop the details of the user i.e. is email and pass word. By giving these details we can open the sign in link if at you forgot the password you can click the below forgot password option so here you can create the password which you make it comfortable to remember.

Event information:

Once you tried this link for the event you can find the information of the event. Information such as date time and where it is organized and by whom the organization was done. You can also find the location in this.

Profile page:

In this we give the information related to the user. Profile page consists of two categories first one is user profile here we give the email id of the user and next one is personal information her we have first, last name, gender and date of the birth of the user.

Event creation: in this we create the event by giving information related to the event. For creating we have two steps to follow. In first step we give the details of the event such as title of the event, location of the event, start date and time of the event and we should attach the image of the event like logo of the event and should give the description of the event briefly and also the organizer name. Then we forward the link to create the ticket page which is the second step in the event creation. This create ticket gives the information about the ticket by giving ticket type, ticket name, and quantity available we have the setting

option right to the page in this setting we have options such as online sales and booking center so you should select the option which you choose and you can find the ticket sales start time and end time below your selection and finally choose the ticket that allowed per order which is minimum or maximum.

Filter event: in this page we filter the event based on the location of the event, title of the event, date of the event, price of the event. So in the location column give the location and category column you can choose as your wish and even in the type column you can choose as you wish. So you have the option all in the category and title column you can see all the events information below.

Lastly you find the page by having congratulations your ticket confirmed on it this is a pdf page you find the information such as ticket number, event name, date of the event and the location of the event number of the persons, ticket type and the price of the ticket this page you find the download option so click that and the save and have a copy of it for the proof and it is mandatory when you visit the event you should show this pdf page.

Admin page of application; this page user get the notifications and also we find the users list and more over we get the notification related to the event. in this page we can add the events also.

2.3 Interactions with other Projects (if Any)

In our project they are no any interaction with other projects.

2.4 Interactions with other Applications

Our Application will interact with below Applications.

1)Google Maps

2)Payment Gateway

- 1) Google Maps: In this project Google Maps is Integrated in order to show the customer where the Event is going to be conducted. It will come with a Map below the event Description pointing out the exact location where the event is going to be conducted. For this we will take the API and Key for the Maps from a Google Account. Then request will be sent to the google maps from our application with the value as address of the Event which will in reply with a Map with a Pointer on the address where the event is going to be conducted.
- 2) Payment Gateway: In this Project Payment Gateway will be integrated in order to get the payments for the Tickets that will reserved by the customers of the event by entering his all card details which we validated and payment is done by the third party payment system like paypal or any other. For this we need to buy the web services of their application from the company.

2.5 Capabilities

This project has privileges like admin can delete the event which is malicious or abusing messages. Admin role has most permissions in application like accessing DB, changing posts posted by user. Approving requests, sending responses to enquiries, adding new features to application. User creates his own events which based on application policies, editing the profile, payment is done directly to user through payment gateways.

2.6 Risk Assessment and Management

The risk in project are load factor which it is an RDBMS, where server get crash or down by hitting of lakhs of user at a time. By using high level of code when code was updating chance of code collision while configuration. Deployment issues are occurred while deploying updated project. Some tools are available in market to handle this kind of issues. We can estimate the risk factor based on application demand in market. UI does not reflect in when application run in production environment. Analyzing different aspects in functionalities, knows how efficiently application works. User details may get breached because it is not encrypted with high level encryption technique. Payment gateway will fail when application get refreshed by user.

3 Project Requirements

3.1 Identification of Requirements

GSU-GS_SU2016-1 User-Capability-000100>

The project must allow new users to be added, updated, or deleted by the application.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000101>

The project must allow new Events to be added, updated, or deleted by the application. The event fields includes event Name, Location, Start date &time, end date &time, Event Image and link to Event related external web Pages.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000102>

The project must allow Login of Existing Users. This feature should verify the credentials. If credentials are wrong it should show an error message.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000103>

The project must keep user logged in until session over or logged out

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000104>

The project must allow saving cookies for the user.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000105>

The project must allow browsing current existing Events

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000106>

The project must allow Event search by Location, Date, Category, Type and Price

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000107>

The project must show popular event thumbnails with embed link to event page on Home page.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000108>

The project must show events list as thumbnails with embed hyper link to event page on search results page.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000109>

The project must show information of Event on selection of a specific Event. (Through Hyperlinking). The result page should have the description of the event and an option for registration.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000110>

The project must allow the event thumbnail to show basic event information such as Event Name, Time, Place, Cost, event Type.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000111>

The project must allow Sharing of Events to friend and people through social websites.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000112>

The project must allow bookmarking the event pages for future reference.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000113>

The project must allow Browse of events through Drop down lists for possible fields such as location, category, type, Date and price range.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000114>

The project must allow navigating through multiple pages of events acquired through search.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000115>

The project must allow Registering for the event. This should be done by keeping a register button in event description page to allow form filling.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000116>

The project must show event location on google map for location denoting purpose.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000117>

The project must have share and book mark option available on event description page.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000118>

The project must show ticket is Free, if not its cost. If not free should show the cost for each ticket.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000119>

The project must allow buying event tickets if it is not free event.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000120>

The project must allow to keep maximum limit for the tickets to be sold.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000121>

The project must allow selection of No.of tickets to buy through drop down list and should be in allowed range or less than available.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000122>

The project must allow accepting promotional codes and validating them.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000123>

The project should validate all the data entered to registration page such as number of tickets are less than allowed range, number of tickets entered are less than available etc.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000124>

The checkout page should appear on the selection of checkout.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000125>

The project must show order summary at checkout page that includes number of tickets, Price, Subtotal etc.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000126>

The project must have a registration form to get participant information at checkout page.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000127>

The project must have the payment options if event is not free. Payment details should be hidden if event is free of cost. It should also show billing information fields and payment details.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000128>

The project should have a payment gateway to accept payments and validating them against the payment details and billing address provided.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000129>

The project must generate a payment receipt on successful payment.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000130>

The project must show confirmation page on successful registration including receipt number and all other event and registration details.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000131>

The project confirmation should be able to printable so that registrants can take a copy.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000132>

The project must show the events the user may be interested based on his previous event search and saved information.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000133>

The project must have a Help page to help users with frequently asked questions. The Help button should available throughout all pages.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000134>

The project must have a contact us page to help user's/event organizers to see contact information of website people.

Implementation: Mandatory

<GSU-GS_SU2016-1 User-Capability-000135>

The project can have a form on contact us page to submit a question with user details to contact them back with any resolution possible.

Implementation: Optional

<GSU-GS_SU2016-1 User-Capability-000136>

The project must have a page about us to give a brief description about the website and other required details.

Implementation: Mandatory

DB Requirements:

<GSU-GS_SU2016-1 DB-Capability-000100>

The project must have a DB table to save the details of all users signed up.

Table Requirements: User Id, User Name, Address, Contact number, Email, Login Id, Login Password.

Implementation: Mandatory

<GSU-GS_SU2016-1 DB-Capability-000101>

The project must have a DB table to save the Event Details.

Table Requirements: Event Id, Event Name, Event Schedule, Event Type, Ticket Cost, Event description, Organizer Id, Organizer details.

Implementation: Mandatory

3.2 Operations, Administration, Maintenance and Provisioning (OAM&P)

<GSU-GS_SU2016-1 Admin-Capability-000100>

The project must allow new Administrator to be added, updated, or deleted by the application.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000101>

The project must allow Administrator to create the new event. The event fields include event Name, Location, Start date &time, end date &time, Event Image.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000102>

The project must allow Login of Existing Administrators. This feature should verify the credentials. If credentials are wrong it should show an error message.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000103>

The project must keep Administrator logged in until session over or logged out

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000104>

The project must allow Filtering current existing Events

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000105>

The project must allow administrator to view the booking for events created by him.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000106>

The project must allow Administrator to verify and authorize Event by viewing the event details accepting or rejecting the event based on provided details by user.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000107>

The project must allow the administrator to add new event types.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000108>

The project must allow the administrator to add new event category.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000109>

The project must allow the administrator to view user profiles and authenticating them based on requirement.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000110>

The project must allow the Administrator to view user events.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000111>

The project must allow administrator to view the booking of user events.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000112>

The project must allow administrator to download any booked ticket.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000113>

The project must allow the administrator to view the profile of user who reserved the ticket.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000114>

The project must allow the administrator to view the enquiry and replying to them.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000115>

The project must allow the administrator to notify unauthenticated user regarding their activity.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000116>

The project must allow the Administrator to delete the user account and notifying him.

Implementation: Mandatory

<GSU-GS_SU2016-1 Admin-Capability-000117>

The project must allow the administrator to logout the session.

Implementation: Mandatory

<GSU-GS_SU2016-1 Maintain-Capability-000118>

The project must allow to take daily backup at night 12:00 AM CST Every day.

Implementation: Mandatory

<GSU-GS_SU2016-1 Maintain-Capability-000119>

The project must allow to take complete backup at failure time.

Implementation: Mandatory

<GSU-GS_SU2016-1 Maintain-Capability-000120>

The project must allow the update of software and database without any functional failures.

Implementation: Mandatory

<GSU-GS_SU2016-1 NFR-Capability-000121>

The project must have a scalable capability to support increase in volume of events.

Implementation: Mandatory

<GSU-GS_SU2016-1 NFR-Capability-000122>

The project should be capable of minimum fail time and downtimes.

Implementation: Mandatory

<GSU-GS_SU2016-1 NFR-Capability-000123>

The project must support maximum hits/week based on events volume.

Implementation: Mandatory

3.3 Security and Fraud Prevention

<GSU-GS_SU2016-1 SFP-Capability-000100>

The project must allow the user account to be locked for 24 hours in case of five wrong password attempts.

Implementation: Optional

<GSU-GS_SU2016-1 SFP-Capability-000101>

The project must allow the password of the users and Administrators are encrypted in the databases.

Implementation: Optional

<GSU-GS_SU2016-1 SFP-Capability-000102>

The project must allow to block all the AD's and malware attacks.

Implementation: Mandatory

<GSU-GS_SU2016-1 SFP-Capability-000103>

The project must allow the bank card details of the user are to be encrypted in database.

Implementation: Optional

3.4 Release and Transition Plan

Once the Project Design is verified whether it covers all the business and functional requirements then the design is implemented according to the plan. Thereafter Application will be moved to production stage and verify it functionality and efficiency in the environment with live usage. And this process is continued until it satisfies the customer and final Release will be issued to the customer in planned duration.

bank_accounts	
card_no	BIGINT(20)
amount	DOUBLE
cvv	INT(11)
card_holder_name	VARCHAR(255)
expiry_month	INT(11)
expiry_year	INT(11)
Indexes	

event_categories	
category_id	INT(11)
category_name	VARCHAR(255)
Indexes	

events	
event_id	INT(11)
category	INT(11)
event_desc	VARCHAR(255)
endDate	DATETIME
endTime	VARCHAR(255)
start_date	DATETIME
start_time	VARCHAR(255)
event_title	VARCHAR(255)
type	INT(11)
img_path	VARCHAR(255)
langitude	VARCHAR(255)
latitude	VARCHAR(255)
loc_name	VARCHAR(255)
notificationflag	CHAR(1)
org_desc	VARCHAR(255)
org_name	VARCHAR(255)
status	VARCHAR(255)
status1	VARCHAR(255)
user_id	VARCHAR(255)
weekDay	VARCHAR(255)
weekEndDay	VARCHAR(255)
tkt_id	INT(11)
Indexes	

personal_info	
user_id	INT(11)
dob	VARCHAR(255)
f_name	VARCHAR(255)
gender	VARCHAR(255)
l_name	VARCHAR(255)
phone	BIGINT(20)
profile_photo	VARCHAR(255)
u_name	VARCHAR(255)
Indexes	

hibernate_sequence	
next_val	BIGINT(20)

ticket	
tkt_id	INT(11)
tkt_quantity	INT(11)
tkt_name	VARCHAR(255)
tkt_price	DOUBLE
tkt_type	VARCHAR(255)
t_setting_id	INT(11)
Indexes	

tkt_settings	
t_setting_id	INT(11)
booking_center	VARCHAR(255)
max_tkts_per_ord	INT(11)
min_tkts_per_ord	INT(11)
online_sales	VARCHAR(255)
show_desc	VARCHAR(255)
tkt_desc	VARCHAR(255)
sales_end_date	DATETIME
sales_end_time	VARCHAR(255)
sales_st_date	DATETIME
sales_st_time	VARCHAR(255)
Indexes	

booking_order	
ord_id	INT(11)
booking_date	DATETIME
no_of_tkts	INT(11)
total_price	DOUBLE
user_id	INT(11)
event_id	INT(11)
Indexes	

event_types	
type_id	INT(11)
type_name	VARCHAR(255)
Indexes	

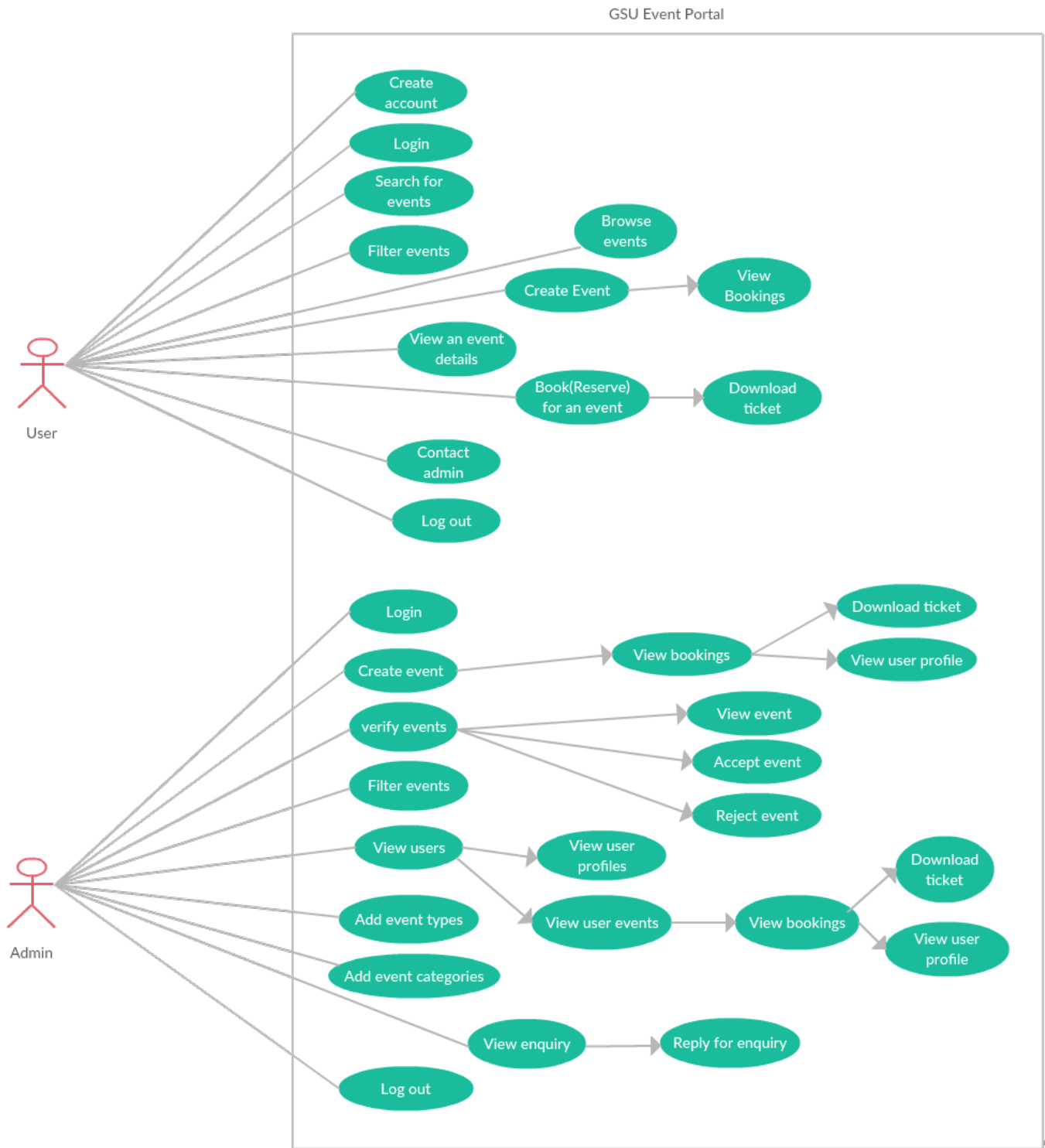
customers	
cust_id	INT(11)
cust_email	VARCHAR(255)
cust_password	VARCHAR(255)
status	VARCHAR(255)
Indexes	

contact_us	
id	INT(11)
descp	VARCHAR(255)
email	VARCHAR(255)
flag	CHAR(1)
name	VARCHAR(255)
phone	BIGINT(20)
reply	VARCHAR(255)
status	VARCHAR(255)
Indexes	

admin	
username	VARCHAR(255)
password	VARCHAR(255)
Indexes	

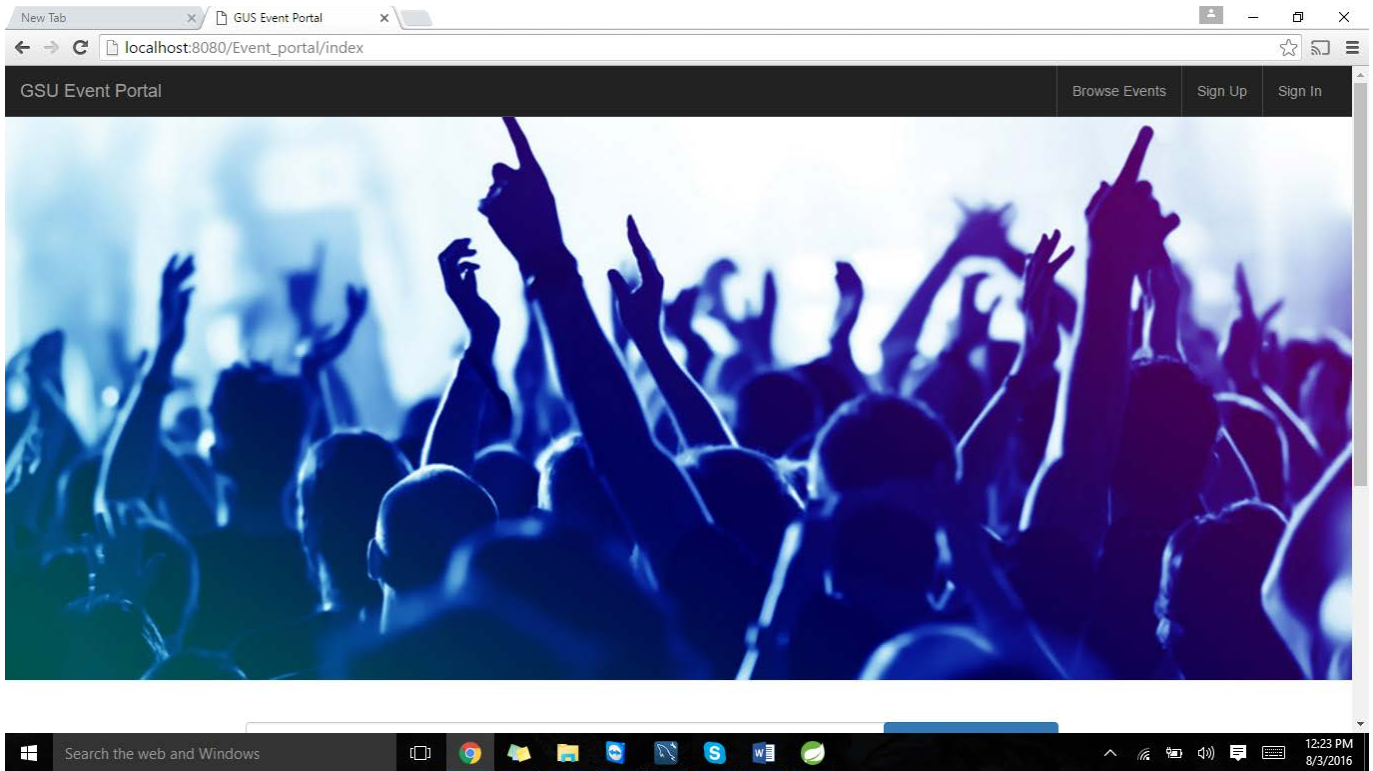
address	
user_id	INT(11)
address1	VARCHAR(255)
address2	VARCHAR(255)
city	VARCHAR(255)
country	VARCHAR(255)
state	VARCHAR(255)
zip	INT(11)
Indexes	

Use Case Diagrams

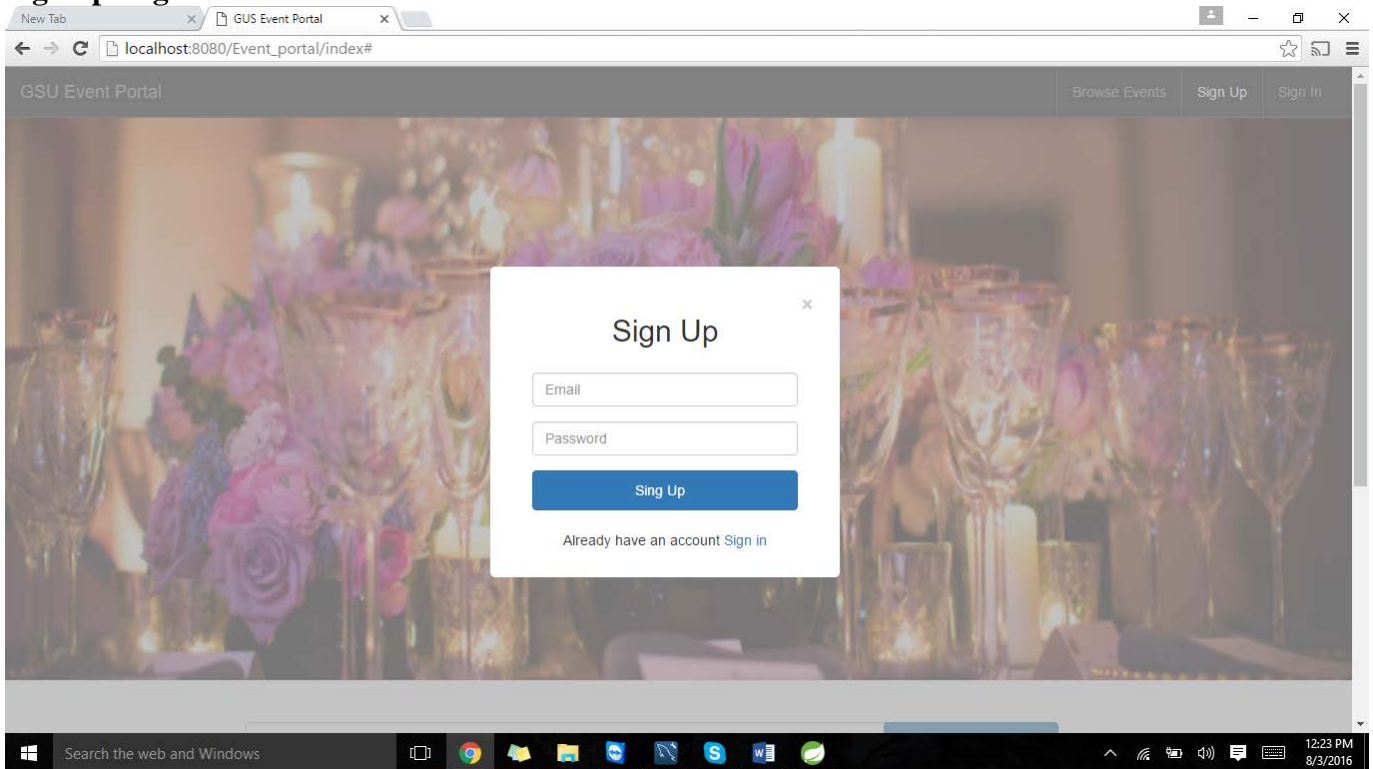


5 Internal/external Interface Impacts and Specification

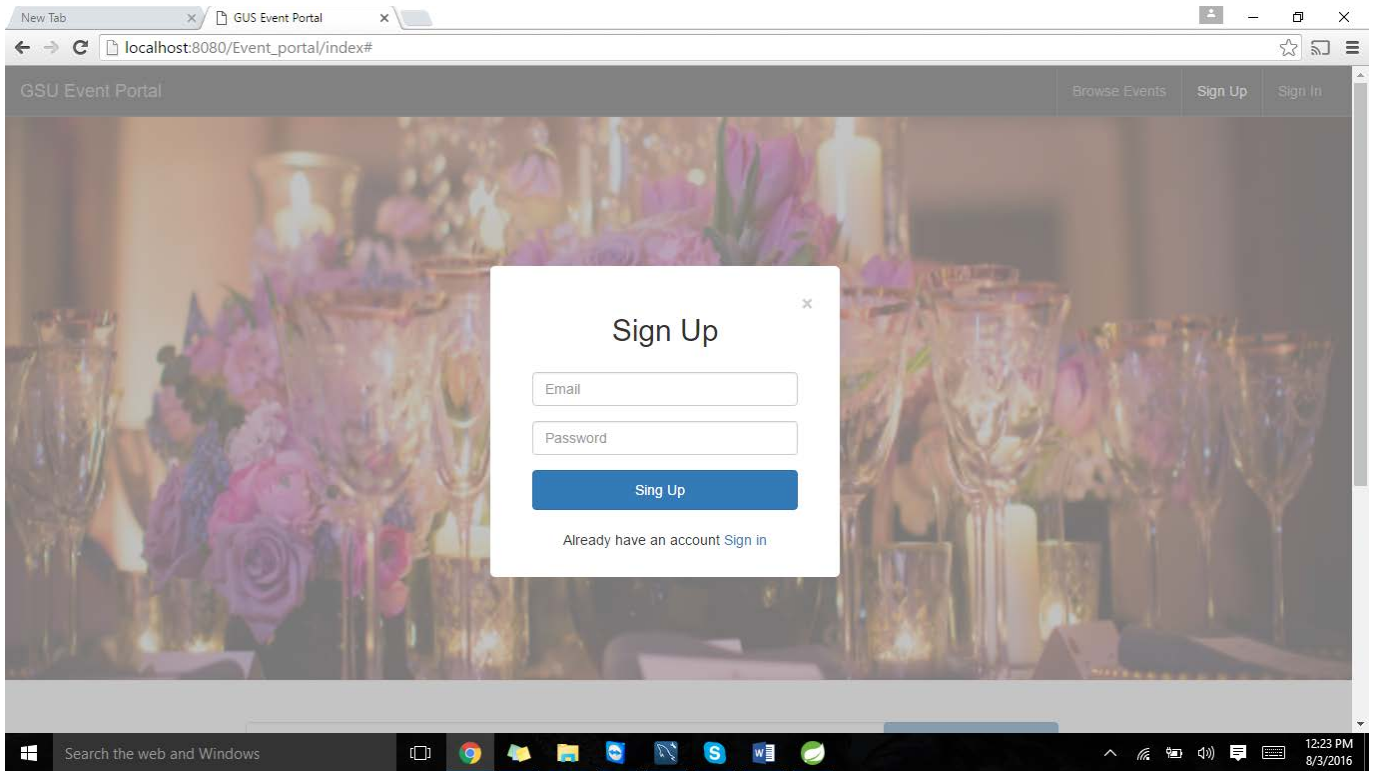
Home Page



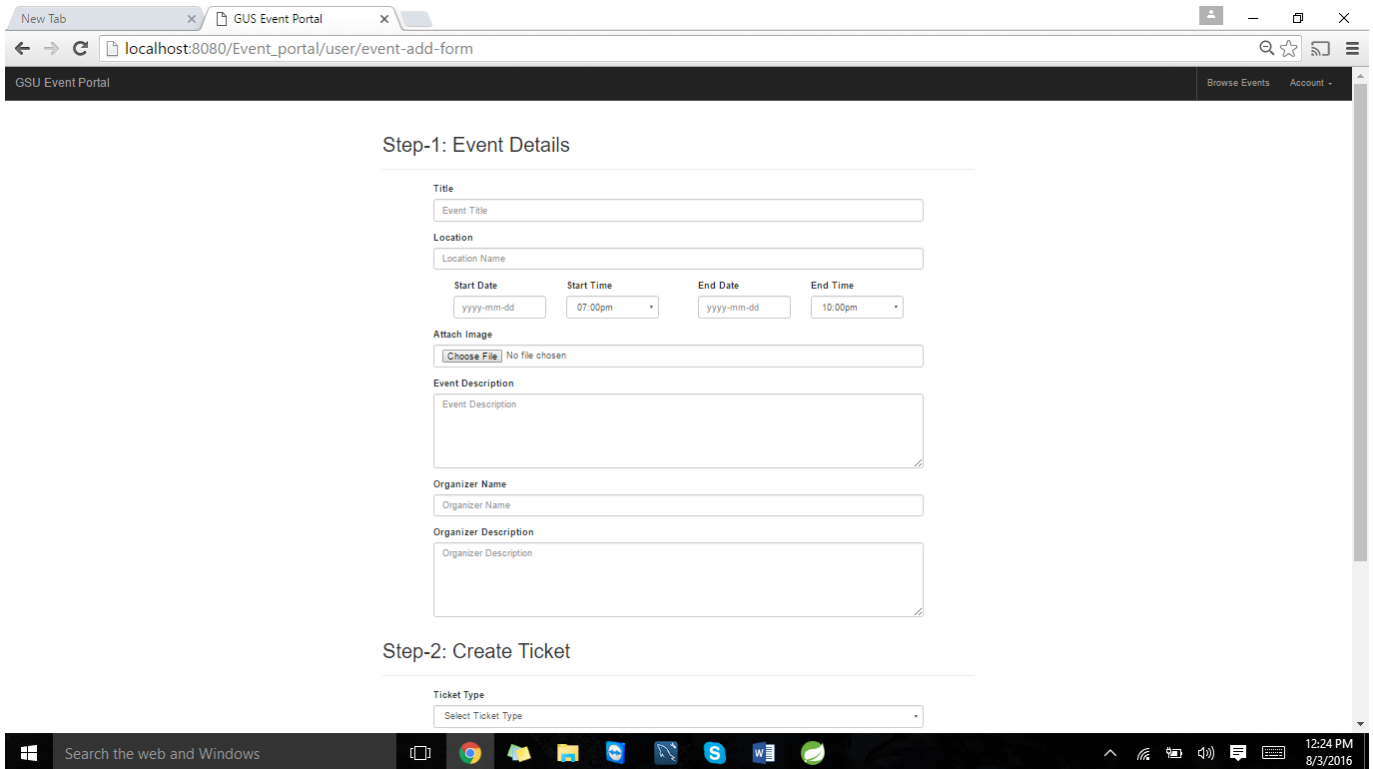
Sign up Page:



Sign in



Create Event



Tickets page

New Tab x GUS Event Portal x

localhost:8080/Event_portal/user/your-tickets

GSU Event Portal Browse Events Account

Ticket No.	Event	Event Date	No. of tickets	Price	
6986513646	Tatto Event	Monday, August 8, 2016	1	10.0	Print
22550767	Holi	Tuesday, August 2, 2016	1	Free	Print
19959069858	GSU Fest	Tuesday, August 2, 2016	1	Free	Print

[About Us](#) | [Contact Us](#) | [Help](#) © Copyright GSU Event Portal 2016.

Windows taskbar: Search the web and Windows, icons for Chrome, File Explorer, Mail, Edge, Skype, Word, and a green icon. System tray: 12:24 PM 8/3/2016

Admin Page

New Tab x Admin | Home x

localhost:8080/Event_portal/admin/home

GSU Event Portal Logout

Navigation

- [ADD EVENT](#)
- [EVENTS](#)
- [EVENT TYPES](#)
- [EVENT CATEGORIES](#)
- [PENDING EVENT](#)
- [USERS](#)
- [ENQUIRIES](#)
- [CHANGE PASSWORD](#)

Event notifications (2)

Enquiries notifications (0)

No. of users (7)

©GSU Event Portal

Windows taskbar: Search the web and Windows, icons for Chrome, File Explorer, Mail, Edge, Skype, Word, and a green icon. System tray: 12:25 PM 8/3/2016

Admin Login

New Tab x Admin | Home x
 localhost:8080/Event_portal/admin/home

GSU Event Portal

Logout

Navigation

- ADD EVENT
- EVENTS
- EVENT TYPES
- EVENT CATEGORIES
- PENDING EVENT
- USERS
- ENQUIRIES
- CHANGE PASSWORD

Event notifications (2) Enquiries notifications (0) No. of users (7)

©GSU Event Portal

Search the web and Windows 12:25 PM 8/3/2016

Admin Event Categories Page

New Tab x Admin | Event Category x
 localhost:8080/Event_portal/admin/event-category-list

Navigation

- ADD EVENT
- EVENTS
- EVENT TYPES
- EVENT CATEGORIES
- PENDING EVENT
- USERS
- ENQUIRIES
- CHANGE PASSWORD

Add Event Category

Enter category name

Add

Event Category List

Id	Name	
2	Business	Delete
3	Health	Delete
4	Science & Tech	Delete
5	Family & Education	Delete
6	Community	Delete
7	Sports & Fitness	Delete
8	Holiday	Delete
9	sports	Delete

©GSU Event Portal

Search the web and Windows 12:27 PM 8/3/2016

Admin Events Type Page

Navigation

- ADD EVENT
- EVENTS
- EVENT TYPES
- EVENT CATEGORIES
- PENDING EVENT
- USERS
- ENQUIRIES
- CHANGE PASSWORD

Add Event type

Enter type name

Add


Event Type List

Id	Name	
2	Class	Delete
3	Conference	Delete
4	Festival	Delete
5	Networking	Delete
6	Seminar	Delete
7	Game	Delete
8	Party	Delete
9	baseball	Delete

©GSU Event Portal

Admin Events View


Event 1:



Title : Holi
Location : chicago, IL
Date : Tuesday, August 2, 2016 - 07:00pm

View Bookings Delete Block


Event 2:



Title : Tatto Event
Location : Newyork, NY
Date : Monday, August 8, 2016 - 07:00pm

View Bookings Delete Block

Event 3:



Title : GSU Fest
Location : university park, IL
Date : Tuesday, August 2, 2016 - 01:00pm

View Bookings Delete Block

©GSU Event Portal

6 *Design Units Impacts*

6.1 *Functional Area A/Design Unit A*

As this is a newly developed Project there won't be any Design unit Impacts on the other parts of the project.

7 *Open Issues*

This section should be part of the document only when the document is in a draft form

8 *Acknowledgements*

We acknowledge our Professor D.Park who mentored us in developing this project.

9 *References*

CodeProject. 2016. Programming in Java using the MVC architecture - CodeProject. [ONLINE] Available at:
<http://www.codeproject.com/Articles/879896/Programming-in-Java-using-the-MVC-architecture>. [Accessed 22 June 2016].

10 *Appendices*

List all appendixes here.