

**ASTRONOMICAL & SPACE SCIENCE PORTAL
INFORMATION SYSTEM DESIGN FOR LCRSSS CENTER IN
LIBYA**

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**UNIVERSITI UTARA MALAYSIA
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**ASTRONOMICAL & SPACE SCIENCE PORTAL
INFORMATION SYSTEM DESIGN FOR LCRSSS CENTER IN
LIBYA**

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fulfillment of the requirements for the degree
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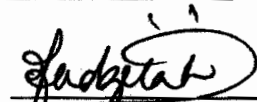
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ABSTRACT

The internet technologies are rapidly increasing. The aim of the study is to design and develop an astronomical & space science portal information system (WASSIS). The WASSIS is a real-time application system which provides a convenient graphics user interface (GUI) for both user and Libyan Centre for Remote Sensing and Space Science (LCRSSS) staff. It allows user to make self-registration to become as member of the system, update information, view announcement, view astronomical and space information time-to-time. It also allows administrator to manage user/staff account and view report. All of the services are possible anywhere at any time.

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LIST OF ABBREVIATIONS

ASP	Active Server Page
IIS	Internet Information Service
MCQ	Multiple Choice Question
OO	Object-Oriented

CHAPTER 1

INTRODUCTION

1.1 Introduction

Web informational system or portal technology has been used to aggregate scattered, distributed information, application and processes across world boundaries. A web portal system provides the clients a single point of access to information and applications regardless of their location or storage mechanism. Through the portal system, multiple applications can be accessed, related and integrated into a workflow. It provides a centralized storage of information and a unified hub to the integrated information, application and services. Clients can access to multiple system or application via the web portal with a single registration and authentication (Awre, 2002).

The web services model can be implemented using a web portal system. Applications and information sources are wrapped and deployed as individual web portals, which are web services units that a web portal system can integrated and reuse. Web portals are subprograms that encapsulate a single or a number of web applications (Dar, 2008). Web portals contain in a portal system and become visible and accessible via the portal system. The sessions and user preferences of each portlet are also stored and managed in the portal system.

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