

“By the Grace of Almighty Allah”

Bahria Institute of Management and Computer
Sciences, Islamabad

BIM&CS Islamabad Official Website
(Front End)

Submitted by
Saiqa Tabassum



Supervised by
Mr.Fazal Wahab

A Report submitted in the partial fulfillment of the requirements
for the degree of BCS

1999-2002

ABSTRACT

This project is regarding the construction of dynamic website of BIMCS Islamabad.

The development tools that were used in construction of this website include HTML, MS FrontPage, java script, and JSP(Java Server Pages).

The project consists of a main page through which one can access further linked pages. The main page comprises the links to the pages are academics, admission , administration, faculty, fee rules, GPA calculator, courses and time table for both students and faculty accessed through JSP. Faculty time table can be accessed only by the authentic members of the faculty. This authentication is provided by a login and password.

JavaScript is one of the languages used for developing a dynamic website. This is a simple language that can be used to add extra features to a website. Java Scripts can instantly provide the information without waiting on the server or our internet connection. This information can come from user input, code "hidden" with the document, or other documents in frames or windows.

Main page also contains 'Events Calendar' in which events can be changed dynamically. The WebPages other than the main page includes frames through which the uploading of the whole page is not required.

TABLE OF CONTENTS

	Page no.
CHAPTER 1: INTRODUCTION	
• Introduction.....	1
• Existing websites.....	1
• What makes a good website?.....	2
• Is it easy to use?	2
• Benefits of website	2
1.1 Project.....	3
1.1.1 Project overview.....	3
1.1.2 Main features of this website.....	3
CHAPTER 2: THE PROPOSED SYSTEM	
2.1 Planning the proposed system.....	4
2.2 Proposal of the system.....	4
2.3 Determining the purpose of the project.....	4
2.4 Determining the purpose of the website.....	4
2.5 Identify the target audience.....	4
2.5.1 Location of the target audience.....	5
2.6 Feasibility study.....	5
2.6.1 Financial feasibility study.....	5
2.6.2 Technical feasibility study.....	5
2.6.3 Operational feasibility study.....	5
2.7 Determining the scope of the project.....	6
CHAPTER 3: ANALYSIS	
3.1 System analysis.....	7
3.1.1 Existing system.....	7
3.1.2 Proposed system.....	7
3.1.2.1 New features included.....	7
CHAPTER 4: DESIGN	
4.1 Design of the project.....	8
4.1.1 Data design.....	8
4.1.2 Code design.....	8
4.1.3 Database design.....	8
4.1.4 Interface design.....	8
4.1.5 Procedural design.....	10
4.1.5.1 Viewing the time table.....	10
4.1.6 Hardware selection.....	10
4.1.7 Software selection.....	10
CHAPTER 5: TESTING	
5.1 Visual acceptance testing.....	11

5.2	Functionality testing.....	12
5.3	Content proofing.....	13
5.4	System and browser compatibility testing.....	13
5.5	Interface testing.....	14

CHAPTER 6: IMPLEMENTATION

6.1	Steps In development of the proposed system.....	15
6.1.1	Developing the web pages.....	15
6.1.2	Creating the relevant database.....	15
6.1.3	Creating the data source name.....	16
6.1.4	Configure the web server.....	16

BIBLIOGRAPHY	33
---------------------------	-----------

5.4 Courses/Instructor	28
6. Fee Rules	29
7. Faculty/Department Management	29
7.1 Faculty Management Sub-system	29
8. GPA Calculator	30
9. Faculty Time Table	31
10 Student's Time Table	32