

Bahria Examination System

(Bahria Institute of Management and Computer Science)

by

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Supervised

By

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A report is submitted to the department of Computer Sciences, Bahria Institute of Management and Computer Sciences, Islamabad.

In partial fulfillment of requirement for the degree of MCS

Department of Computer Sciences

Bahria Institute of Management and Computer Sciences, Islamabad

Bahria University, Islamabad

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Certificate

We accept the work contained in this report as a confirming to the required standard for the partial fulfillment of the degree of MCS



A handwritten signature in black ink, consisting of a large, stylized initial 'D' followed by several loops and a long horizontal stroke.

Head of Department (CS)

A handwritten signature in black ink, featuring a series of horizontal strokes and a large, sweeping loop on the right side.

Project Supervisor

A handwritten signature in black ink, starting with a large, bold 'I' and followed by several loops and a long diagonal stroke.

Internal Examiner

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External Examiner

Dedication

This project is dedicated with great love and respect, to my parents, and to my friends.

First of All we are thankful to the Almighty Allah for his Blessings and Graceness. We are also thankful to our honorable supervisor Mr. Faisal Alfah, Head of MIS Department, for his great guidance and to Mr. Faisal-e-Wahab, Head of Computer Science Department who not only helped us in all ways but also lead us to succeed throughout the process.

Finally we are thankful to the Administration department staff, specially to Mr. Faisal-e-Raza and Mr. Idris-e-Sayid.

We also acknowledge Network staff for helping in implementing this system.

Executive Summary

Acknowledgement

First of All we are thankful to the Almighty Allah, for his Blessings and Graciousness. We are also thankful to our venerable supervisor Mr. Faisal Aftab, Head of MIS department, for his great guidance and to Mr. Fazal-e-Wahab, Head of Computer Science Department who not only helped us in all ways but also lead us to succeed throughout the project.

Finally we are thankful to the Examination department staff, specially to Mr. Fazal-e-Raziq and Mr. Iftikhar Ahmed.

We also acknowledge Network Staff for helping in implementing this system.

Executive Summary

The existing examination system of BIM&CS is totally manual. The whole database is maintained in Excel spread sheets. The system does not provide any facilities to the examination department. The system does not provide a suitable environment to maintain the database and also facilities like searching a particular student and relevant information.

The Examination department acts as a backbone for any educational institution and the success of that institution depends upon the efficient working and security of their examination department.

The developed Bahria Examination system is fully automated and provides all the functionality required by the Examination department. The system provides GUI based environment that is easy to use for the examination staff. The system provides self-descriptive interfaces that are easy to use for any person with a little bit knowledge of computers.

The system provides student performance evaluation and analysis reports required by the higher management and the Examination department.

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took a giant leap forward by venturing into the Business Management and Computer Sciences arena. The two institutes bearing the name Bahria Institute of Management & Computer Sciences (BIM&CS) were opened in 1997, temporarily housed in the Bahria College and offering teaching facilities. In the evening the first program offered were BBA and B.Sc (CS). Affiliated to the University of Peshawar BIM&CS started its journey to the heights of glory. These two institutes were upgraded to MBA and MCS.

1.2 BIM&CS at Present

Pakistan Navy with its inherent flair for disciplined training and over 30 years of experience in the field of education had a vision to help build an educated and prosperous Pakistan in 21st century. The vision was to consolidate all its efforts to create an education system that would be capable of providing state of the art facilities for quality education to the population of Pakistan with out any prejudice of class, creed, color or domicile.

This vision became a reality on 7 Feb 2002, when Bahria University was established through the Presidential Ordinance No. 9 of 2002.

Bahria University today is a multi-campus university with its headquarters at Islamabad. The constituent units of the university are present at Karachi, Lahore and Islamabad. These include the Pakistan Naval Academy Karachi, PN War College Lahore, Bahria Institute of Management and Computer Sciences at Karachi and Islamabad, the Institute of Earth and