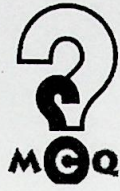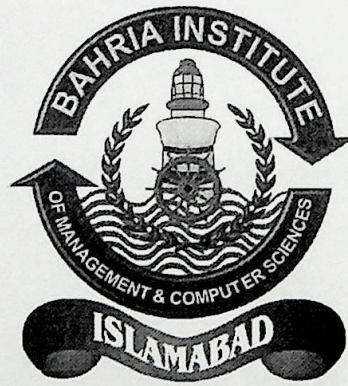# MCQ

by

Abdul Rasheed

Supervised by

Mrs. Farzana Khan

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

In The Name Of

Allah

Most Gracious Most Merciful

"I dedicate my work to my family,
who are the best gifts of life from Allah Almighty"

Acknowledgement

Praise and thanks to Allah Almighty, for without His grace and blessings I would never have accomplished the task, I set out to do, Alhamdulillah. I am most grateful to Allah Almighty for giving me an opportunity to work on something that has proved to be the best charity and gift for the teachers, so teachers can test and evaluate their students. MCQ is an effort towards achieving this.
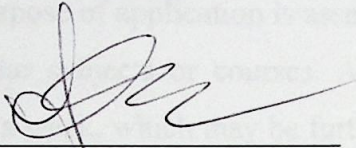
Special thanks to Ms. Farzana Khan who supervised my work on this project and gave me ample time to implement it fully.

I am also very gratified to one of my best friends Mr. Imran Ali, who really helped me in the completion of the project.
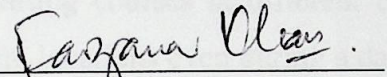
I would also like to thank my parents and family, for without their love and support alongwith help based on their experiences with me when I was pre-school child, I would not have been able to do this project successfully at all.
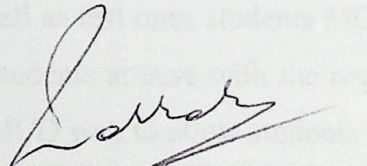
Certificate

We accept the work contained in this report as a confirming to the required standard for the partial fulfillment of the degree of Masters in the subject of Computer Science
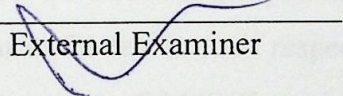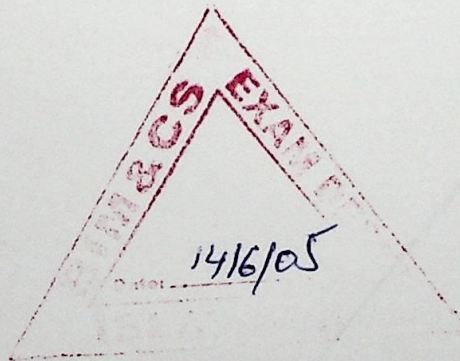
_____
Head of Department

_____
Supervisor

_____
Internal Examiner

_____
External Examiner

14/6/05

Abstract

MCQ is a customized online examination and testing solution aimed at serving teachers, lecturers and professors as a tool to interact with their students without direct interaction. The purpose of application is assessment and quantification of the students' knowledge in particular subjects or courses. A teacher may be imparting courses at different times during a week, which may be further allocated to different locations even during a day, in such circumstances quality of test taking can get compromised if the test or quiz session is hurried or not organized appropriately. To tackle such time time-constrained situation as well as test ones students MCQ facilitates a system for the teacher to prepare tests for the students at ease with the required dedication for such a task as well as post them on the MCQ web to allow students to respectively access the test questions and appear in the test. The students with their authorized accounts then appear in the test in their respective courses and are assessed immediately. The efficient environment of MySQL and PHP using a two-tier client/server structure, which makes up for the design needed to accomplish this solution and its application, further strengthens this process.

TABLE OF CONTENTS

CHAPTER 5

CHAPTER 6

List of Figures