

KUMARAGURU COLLEGE OF TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Coimbatore)

COIMBATORE – 641 006.

Department of Computer Applications

PROJECT WORK

MAY 2010

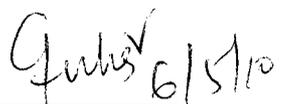
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This is to certify that the project entitled
ONLINE ASSESSMENT SYSTEM
is the bonafide record of project work done by

P. JOHN TONY GREY

Register No: 0720300015

of MCA (Computer Applications) during the year 2009-2010.

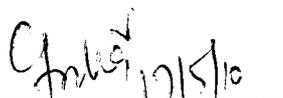


Project Guide



Head of the Department

Submitted for the Project Viva-Voce examination held on 17.05.2010



Internal Examiner



External Examiner

DECLARATION

I affirm that the project work titled **ONLINE ASSESSMENT SYSTEM** being submitted in partial fulfilment for the award of **MASTER OF COMPUTER APPLICATIONS** is the original work carried out by me. It has not formed the part of any other project work submitted for award of any degree or diploma, either in this or any other University.

P. John Tony Grey

(Signature of the Candidate)

P. JOHN TONY GREY

0720300015

I certify that the declaration made above by the candidate is true

Geetha

Signature of the Guide,

Ms. V. GEETHA

Assistant professor, M.C.A



KUMARAGURU COLLEGE OF TECHNOLOGY

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TO WHOMSOEVER IT MAY CONCERN

05/05/2010

Certified that **Mr. P. JOHN TONY GREY** student of final year M.C.A (Master of Computer Applications) from **Kumaraguru College of Technology** has done the said project titled as "**Online Assessment System**" in our college from December 1, 2009 to April 30, 2010.

During this period of project his attendance was found to be regular and satisfactory.

Ms. V. Geetha

Assistant professor / MCA

ACKNOWLEDGEMENT

I wish to express sincerest thanks to **Dr. J. Shanmugam**, Director, Kumaraguru College of Technology, **Dr. S. Ramachandran**, Principal, Kumaraguru College of Technology, and **Dr. S. Thangasamy**, Dean, Department of Computer Science & Engineering, Kumaraguru College of Technology for providing necessary facilities in carrying out my project work.

I am very glad to express a special word of thanks to **Dr.A.Muthukumar**, Professor and Course coordinator, Department of Computer Applications, Kumaraguru College of Technology, for encouraging me to do this work.

I express my deep felt gratitude to **Mrs.V.Geetha**, Assistant Professor, Department of Computer Applications, Kumaraguru College of Technology, for her guidance, support, cooperation and valuable suggestions during the course of this project.

Also I would like to thank my parents, friends, and all those who helped me in this project and whose names are leftover.

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ABSTRACT

Online assessment system is an examination system used to test the detailed knowledge of the students in the subjects. The main objective of online assessment system is to efficiently evaluate the candidate thoroughly through a fully automated system. The main advantage of this system is that the questions will be randomly generated so that the malpractice will be avoided. Each student will be asked a different set of questions from the available large set of question bank. The test is based on multiple choice questions. This system will saves lot of time and gives fast results. The frequency of questions generated will be monitored and its degree of toughness will be found over time.

Online assessment system made the analysis of the exam results easy. The results will be precise and accurate. The system mainly has four major processes. Login, Question bank preparation, exam, result. The logs of appeared candidates and their marks are stored and can be backup for future use.

Online assessment system has been developed with html as front end, mysql as back end and php as scripting language.

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CHAPTER 1

INTRODUCTION

1.1 PROJECT OVERVIEW

Online assessment system is an examination system used to test the detailed knowledge of the students in the subjects. The main objective of online assessment system is to efficiently evaluate the candidate thoroughly through a fully automated system. The main advantage of this system is that the questions will be randomly generated so that the malpractice will be avoided. Each student will be asked different set of questions from the available large set of question bank.

The questions will be of multiple choice questions. The system has a new method of generating questions based on the Degree of toughness (DT) of the question. The questions will be rated from DT1 (very easy) to DT5 (very hard).

Initially the student can choose the DT level after login into the system. The questions will be generated from that level initially. Initially three questions will be generated from that level. If the student answers them all correctly then the system will automatically shift to the next high level of DT and questions will be generated from that level. If the Level of DT is 5 means, the system will continue to ask from the same level. Else if the student answers them all wrongly then the system will automatically shift to the next low level of DT. If the questions are currently asked from DT1 means the system will continue to ask from the same level. Else if the student answers 2 or 1 correctly them the system will again ask two more question from the same DT level and if the student answers three out of five or more, then the system will shift to next high level of DT.

CHAPTER 2

SYSTEM ANALYSIS

System analysis involves the process of diagnosing, interpreting and helps us to propose a new system. This chapter describes existing and proposed system.

2.1 Existing System

The existing system has the following drawbacks:

- The current system of conducting examination is time consuming.
- It is very difficult to analyze the exam manually.
- Results are not precise as calculation and evaluations are done manually.
- The chances of paper leakage are more in current system as compared to proposed system.
- Result processing takes more time as it is done manually.
- No random generation of questions so that there is an opportunity for malpractice.

2.2 Proposed System

The need for the proposed system has arisen from the drawbacks of the existing system. The proposed system has the following advantages.

- Method of conducting examination is online so that it is less time consuming and is more efficient.
- Analysis will be very easy in proposed system as it is automated.
- Result will be very precise and accurate.
- Calculation and evaluations are done by the system itself.
- No chances of leakage of question paper as it is based on the system of random generation of questions.
- The logs of appeared candidates and their marks are stored and can be backup for future use.

2.3 MODULE FUNCTIONALITIES

The modules of the project are as follows:

- Login
- Question bank preparation
- Exam
- Result

Login

The login module mainly concentrates on the authentication process. The system will permit the students to take the test only if the administrator permits, i.e. the admin username and password is required to log in the system.

Question bank preparation

The question bank preparation module concentrates on the preparation of large set of questions for each subject. For each question the frequency of the appearance of question will be notified from each test and over time the degree of toughness of the question will be found with the frequency of appearance of the question and frequency of answered correctly. Based on the criteria the degree of toughness level will be allocated for each question.

Exam

The exam module is the core module of the online assessment system. After the student login into the system he may be allowed to choose the initial degree of toughness from which the system starts to ask question from. An algorithm has been implemented in the exam module for the generation of question from various degree of toughness during the exam based on the answers of students.

Result

The result module will display the results of the exam with the various details such as start and end time of the exam, questions appeared from different DT levels and questions answered correctly in different DT levels and total mark obtained in the exam.

2.4 FEASIBILITY STUDY

The main purpose of feasibility study is to determine the problem is worth solving. Feasibility study is high-level capsule version of the extra system analysis and design process. The success of a system also lies in the amount of feasibility study done on it. There are two main feasibility tests performed. They are

Operational Feasibility

The project developed is successfully implemented and it ensures that the system is operational after a thorough analysis and also usability is high.

Technical Feasibility

The resources such as software tools, the machine environment, platform, etc. are available, the project is technically feasible.

CHAPTER 3

DEVELOPMENT ENVIRONMENT

This chapter describes the hardware and software requirements for the application.

3.1 HARDWARE REQUIREMENTS

Processor	-	Intel core 2 duo
Hard Disk Capacity	-	80GB
RAM	-	512MB
Speed	-	2.66 GHz
Monitor	-	Samsung
Printer	-	Epson EX-1000
Floppy Disk Drive	-	1.44MB
Compact Disk Drive	-	Sony

3.2 SOFTWARE REQUIREMENTS

When an application project is considered the three basic software requirements are the platform in which the project is developed, the front-end tool that provides the interaction with the user and back-end tool that stores the data.

Operating system	:	Windows XP (SP 2)
Front end	:	HTML
Back end	:	MYSQL
Scripting Language	:	PHP, Java script

3.3 PROGRAMMING ENVIRONMENT

HTML

HTML, which stands for **Hypertext Markup Language**, is the predominant markup language for web pages. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists etc as well as for links, quotes, and other items. It allows images and objects to be embedded and can be used to create interactive forms. It is written in the form of HTML elements consisting of "tags" surrounded by angle brackets within the web page content. It can include or can load scripts in languages such as JavaScript which affect the behavior of HTML processors like Web browsers; and Cascading Style Sheets (CSS) to define the appearance and layout of text and other material. The W3C, maintainer of both HTML and CSS standards, encourages the use of CSS over explicit presentational markup.

The most common filename extension for files containing HTML is .html. A common abbreviation of this is .htm, which originated because some early operating systems and file systems, such as DOS and FAT, limited file extensions to three letters. HTML markup consists of several key components, including elements (and their attributes), character-based data types, and character references and entity references. Another important component is the document type declaration, which specifies the Document Type Definition. As of HTML 5, no Document Type Definition will need to be specified, and will only determine the layout mode.

In online assessment system, HTML is mainly used for front end design as the user interface is created with HTML. The forms in this system are created with the help of HTML form elements.

MySQL

MySQL is a relational database management system (RDBMS) that runs as a server providing multi-user access to a number of databases. It is named for original developer Michael Widenius's daughter My. MySQL is primarily an RDBMS and therefore ships with no GUI tools to administer MySQL databases or manage data contained within. Users may use the included command-line tools, or download MySQL front ends from various parties that have developed desktop software and web applications to manage MySQL databases, build database structure, and work with data records.

The official MySQL Workbench is a free integrated environment developed by MySQL AB that enables users to graphically administer MySQL databases and visually design database structure. MySQL Workbench replaces the previous package of software, MySQL GUI Tools. Similar to other third-party packages but still considered the authoritative MySQL front end, MySQL Workbench lets users manage the following:

- Database design & modeling
- SQL development — replacing MySQL Query Browser
- Database administration — replacing MySQL Administrator

MySQL Workbench is available in two editions, the regular free and open source Community Edition which may be downloaded from the MySQL website, and the proprietary Standard Edition which extends and improves the feature set of the Community Edition.

In online assessment system, MySQL has been used to create tables, store questions, and retrieve various data including the test details.

PHP

PHP: Hypertext Preprocessor is a widely used, general-purpose scripting language that was originally designed for web development to produce dynamic web pages. For this purpose, PHP code is embedded into the HTML source document and interpreted by a web server with a PHP processor module, which generates the web page document. As a general-purpose programming language, PHP code is processed by an interpreter application in command-line mode performing desired operating system operations and producing program output on its standard output channel. It may also function as a graphical application. PHP is available as a processor for most modern web servers and as standalone interpreter on most operating systems and computing platforms.

PHP is a general-purpose scripting language that is especially suited to server-side web development where PHP generally runs on a web server. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content. It can also be used for command-line scripting and client-side GUI applications. PHP can be deployed on most web servers, many operating systems and platforms, and can be used with many relational database management systems. It is available free of charge, and the PHP Group provides the complete source code for users to build, customize and extend for their own use.

In online assessment system, PHP has been used as a server side scripting language which is used to develop the algorithm. Also it is used to establish the connection with the MySQL database for various data manipulations.

Java Script

JavaScript is an object-oriented scripting language used to enable programmatic access to computational objects within a host environment. Although also used in other applications, it is primarily used in the form of client-side JavaScript, implemented as part of a web browser, providing enhanced user interfaces and dynamic websites. JavaScript is a dialect of the ECMAScript standard and is characterized as a dynamic, weakly typed, prototype-based language with first-class functions. JavaScript was influenced by many languages and was designed to look like Java, but to be easier for non-programmers to work with.

JavaScript supports all the structured programming syntax in C (e.g., if statements, while loops, switch statements, etc.). One partial exception is scoping: C-style block-level scoping is not supported (instead, JavaScript has function-level scoping). JavaScript 1.7, however, supports block-level scoping with the `let` keyword. Like C, JavaScript makes a distinction between expressions and statements. One syntactic difference from C is automatic semicolon insertion, in which the semicolons that terminate statements can be omitted. The primary use of JavaScript is to write functions that are embedded in or included from HTML pages and interact with the Document Object Model (DOM) of the page.

In online assessment system, java script has been mainly used to create the count down clock that shows the time remaining during the examination.



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CHAPTER 4

SYSTEM DESIGN

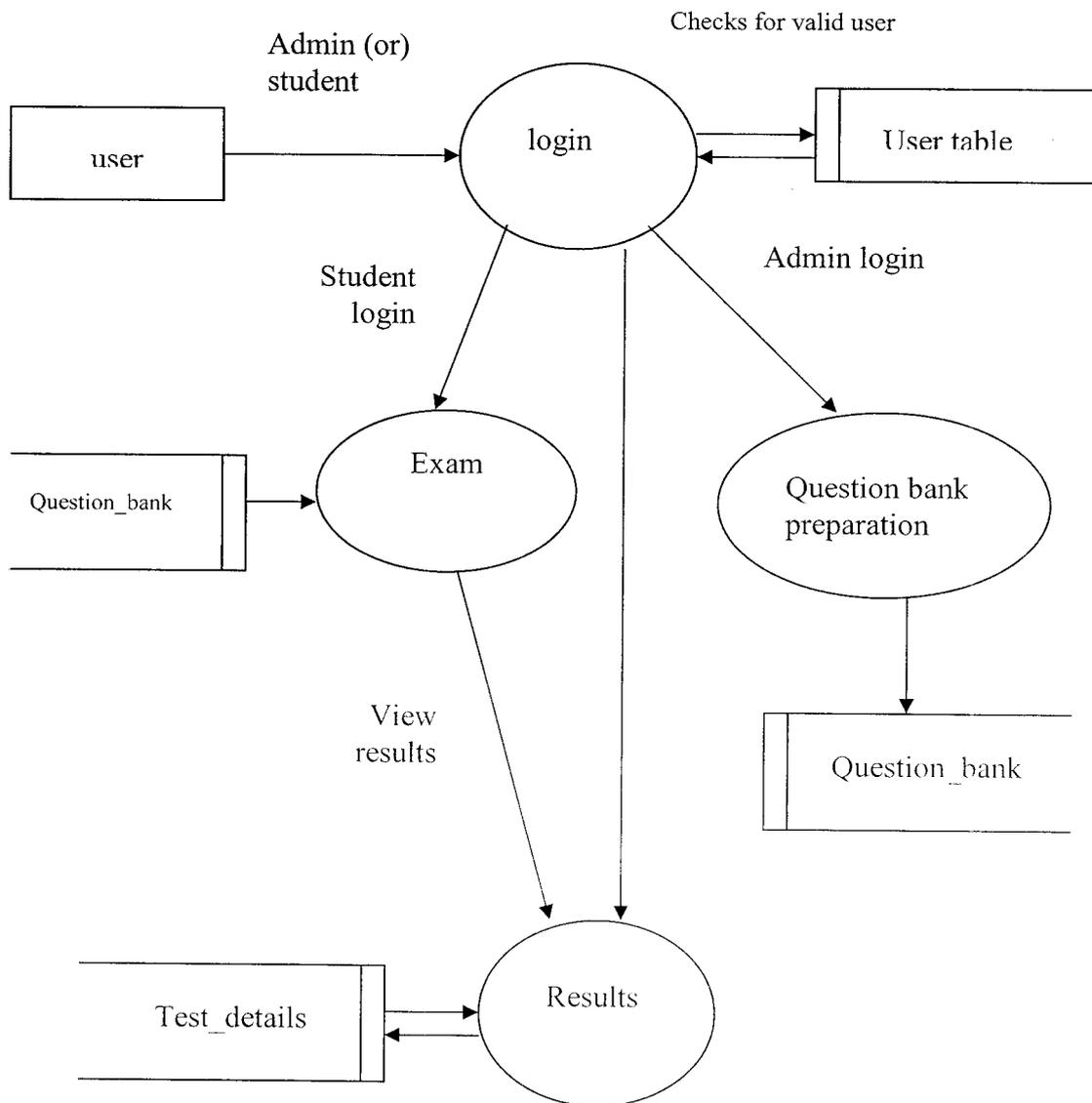
The most important and challenging phase of the system life cycle is system design. The design focuses on the detailed implementation of the system. The first step in system design phase is to determine how the outputs are produced and in what format. Secondly, input data and the tables have to be designed to meet the requirements of proposed system.

System design is the process of developing specifications for a system that meet the criteria established in system analysis. The major step in design is the preparation of input design and design of output reports in a form acceptable by the user. System design includes input to the system and the speed of retrieval of data.

This chapter describes the data model and process model of the application.

4.1 DATA FLOW DIAGRAM (DFD)

Data flow diagrams are commonly used during problem analysis and design. A DFD shows the flow of data through a system. It views the system as a function that transforms the input into desired outputs. A DFD aims to capture the transformation that takes place within a system into output data so that eventually the output data is produced. Fig 4.1.1 shows the DFD for online assessment system.

DATA FLOW DIAGRAM**Fig 4.1.1 Data flow diagram for online assessment system**

4.2 DATABASE DESIGN

Database design is designed to manage large bodies of information. These large bodies of information do not exist in isolation. Database design mainly involves the design of the data base schema. The design of the complete database application environment meets the needs of the enterprise being modeled requires attention to a broader set of issues.

The process of moving from an abstract data model to the implementation of the database proceeds in two design phases. In the logical schema, the designer maps the high level conceptual schema onto the implementation data model of the database system that will be used. The resulting specific database schema will be used in the subsequent physical design phase.

The tables used in the system are shown from Table 4.2.1 to Table 4.2.5.

Table name: Admin

This table stores the details of the administrator.

Primary key: admin_name

Field	Data type	Description
admin_name	Varchar(32)	Administrator name
admin_pwd	Varchar(32)	Administrator password
tot_mark	Int(3)	Total mark
time_duration	Time	Time duration for test

Table 4.2.1 Admin details table

Table name: Question bank

This table stores the questions of different subject with their respective degree of toughness.

Primary key: q_id

Foreign key: sub_id

Field	Data type	Description
q_id	Int(10)	Question id
q_desc	Varchar(50)	Question description
opt1	Char(1)	option
opt2	Char(1)	option
opt3	Char(1)	option
opt4	Char(1)	option
freq_appeared	Int(4)	Frequency appeared
freq_answered	Int(4)	Frequency correctly answered
degree_of_toughness	Int(1)	Degree of toughness
Sub_id	Int(10)	Subject code

Table 4.2.2 Question bank table

Table name: Student details

This table stores the student details.

Primary Key: s_id

Field	Data type	Description
s_id	Int(3)	Student id
s_name	Varchar(20)	Student name
Course	Varchar(10)	Course name
semester	Int(2)	Semester

Table 4.2.3 Student details table

Table name: Subject Details

This table stores the details of the subjects.

Primary Key : sub_id

Field	Data type	Description
sub_id	Int(10)	Subject id
sub_name	Varchar(20)	Subject name
semester	Int(2)	In which semester student is studying this subject

Table 4.2.4 Subject details table

Table name: Test details

This table stores the details of the test conducted.

Primary key: test_id

Foreign key: s_id

Field	Data type	Description
s_id	Int(2)	Student id
test_id	Int(2)	Test_id
test_time	Time	Test taken time
test_date	Date	Date of test
total_mark	Int(3)	Total mark
dt1_question	Varchar(20)	Degree of toughness
dt1_correctly_answered_que	Varchar(20)	Correctly answered question
dt2_question	Varchar(20)	Degree of toughness
dt2_correctly_answered_que	Varchar(20)	Correctly answered question
dt3_question	Varchar(20)	Degree of toughness
dt3_correctly_answered_que	Varchar(20)	Correctly answered question
dt4_question	Varchar(20)	Degree of toughness

dt4_correctly_answered_que	Varchar(20)	Correctly answered question
dt5_question	Varchar(20)	Degree of toughness
dt5_correctly_answered_que	Varchar(20)	Correctly answered question

Table 4.2.5 Test details table

4.3 INPUT AND OUTPUT DESIGN

INPUT DESIGN

Input design is the process of correcting a user-oriented description of the inputs to a computer based one. Inaccurate data is one of the most common causes of data processing errors.

In this project the input design has been done appropriately so that the students and admin did not find any difficulties in handling the system. The input screens are shown in Appendix (A.2, A.3, A.6, A.8, A.9, and A.10).

PROCESS DESIGN:

The software process can be identified as a collection of patterns that define a set of activities, actions, work tasks, work products, and related behaviors required to develop computer software. A process provides a method for describe an important characteristic of the software process. By combining patterns, the process that meets the need can be constructed.

The major process in this project is that the questions have to be generated from different level of degree of toughness based on the student answering the questions. This has been done with the implementation of an algorithm.

OUTPUT DESIGN

An application is successful only when it can produce efficient and effective reports.

The results of the examination are displayed to the student in an organized manner after finishing the test. The admin can view the test details of all the students who attended the test as the test date and time of test taken, total marks obtained, etc. were stored in the system. The output screens are shown in Appendix (A.5, A.11).

CHAPTER 5

SYSTEM IMPLEMENTATION

This chapter describes the implementation process of the application.

5.1 IMPLEMENTATION PROCESS

System implementation is the part of the software engineering life cycle, where, the design artifacts are converted to a working application.

Online assessment system has been implemented with the wamp server which holds the php myadmin and apache server. The database is placed in the php myadmin and the php pages will be placed in the root folder of apache server. Then the php pages will be run through the apache server.

5.2 SYSTEM VERIFICATION

In online assessment system, each module has been verified whether it is working as it is desired. The functionality of the module has been exhibited and verified as it is working properly. Verification also determines whether the system is consistent, adheres to standards, uses reliable techniques and prudent practices, and performs the selected functions in the correct manner. In data access, it verifies whether the right data is being accessed, in terms of the right place and in the right way. For instance the right degree of toughness level question has to be retrieved and displayed during the exam.

5.3 SYSTEM VALIDATION

In this project, validation checks whether the developer is moving towards the right product, whether the development is moving towards the actual intended product that was agreed upon in the beginning. Validation also determines if online assessment system complies with the requirements and performs functions for which it is intended

and meets the goal and user needs. It is traditional and is performed at the end of the project.

Completeness check ensures that all fields in a record are present and are read in the proper sequence. In this project, while entering the student details, all the fields has to be entered, else the system will ask to enter the detail in the unfilled field. This has been done during completeness check.

Sequence check verifies that data records are in sequence prior to processing. A check of duplicate records may also be incorporated in the routine. The same student cannot have a different student id.

CHAPTER 6

TESTING

Testing is a critical element of software quality and assurance and represents the ultimate review of specification design and coding. It is a vital activity that has to be enforced in the development of any system. This could be done in parallel during all the phases of system development. The feedback received from these tests can be used for further enhancement of the system under consideration.

The main types of testing carried out on online assessment system are:

- Unit Testing
- Integration Testing
- System Testing

6.1 Unit Testing

Unit testing focuses verification effort on the smallest unit of the software design the module. The local data structure is examined to ensure that data stored temporarily maintains its integrity.

In online assessment system each page is tested separately as a unit. Initially the flow of control and data through that page is checked. When considering a module as a unit, the flow of data and control through the whole module is tested. The result is stored in the test plan. In a page, each control is further tested in unit testing. The process is done in all the pages of the system. Once the errors are rectified, the testing procedure is repeated with same test cases to ensure this hasn't produced new errors. Hence this is a continuous process.

6.2 Integration Testing

Integration testing tests the process of integrating the various modules to form the completed system. Integration starts with a set of units each individually tested in isolation and ends when the entire application has been built. Integration testing verifies that the combined units function together correctly. Facilitates in finding problem that occur interface or communication between the individual parts.

Online assessment system followed top down integration testing. Modules were linked to the main menu in a sequence as required in the real time operating mode of the system. This process is continued from the page level to module level, finally to the system level. In the final stage, the whole system is taken together and tested for integration. This tests if the change has affected any part of online assessment system negatively after the change was made. The whole set test cases need to be run again to do the regression testing.

6.3 System Testing

System testing is actually a series of different tests, whose primary purpose is to fully exercise the computer-based system. This helps in verifying that all the system elements have been properly integrated and perform the allocated functions. It verifies the entire product after having integrated all software and hardware components, and validates it according to the original project requirement.

6.3.1 Security Testing

Security testing is important in system testing. Testing is done to ensure that a user with respective rights can only view the various forms and reports presented by online assessment system. Only the administrator can enter into the admin option pages.

If students or other users try to perform something beyond his assigned rights corresponding messages should be displayed. Then the system displays in such cases displays an error message.

Another security issues involves the sensitive data in the system. The system is highly secure with authentication fixed at various levels of the hierarchy.

CHAPTER 7

CONCLUSION AND FUTURE ENHANCEMENT

7.1 CONCLUSION

The project titled “**ONLINE ASSESSMENT SYSTEM**” was designed keeping in mind how to efficiently evaluate the candidate thoroughly through a fully automated system. The system was tested with different students and the performance of the system was found to be efficient. All efforts have been made to understand the system wholly and understand all the details. Much of the process is automated and hence the chance of human errors is limited. More security could have been given to the system by the way authorization and further feature could have been added to make the system more robust.

The successful completion of the system resulted in:

- Improvement in the quality of the examination system.
- Automation of valuation process.
- Avoidance of leakage of question papers.

7.2 FUTURE ENHANCEMENT

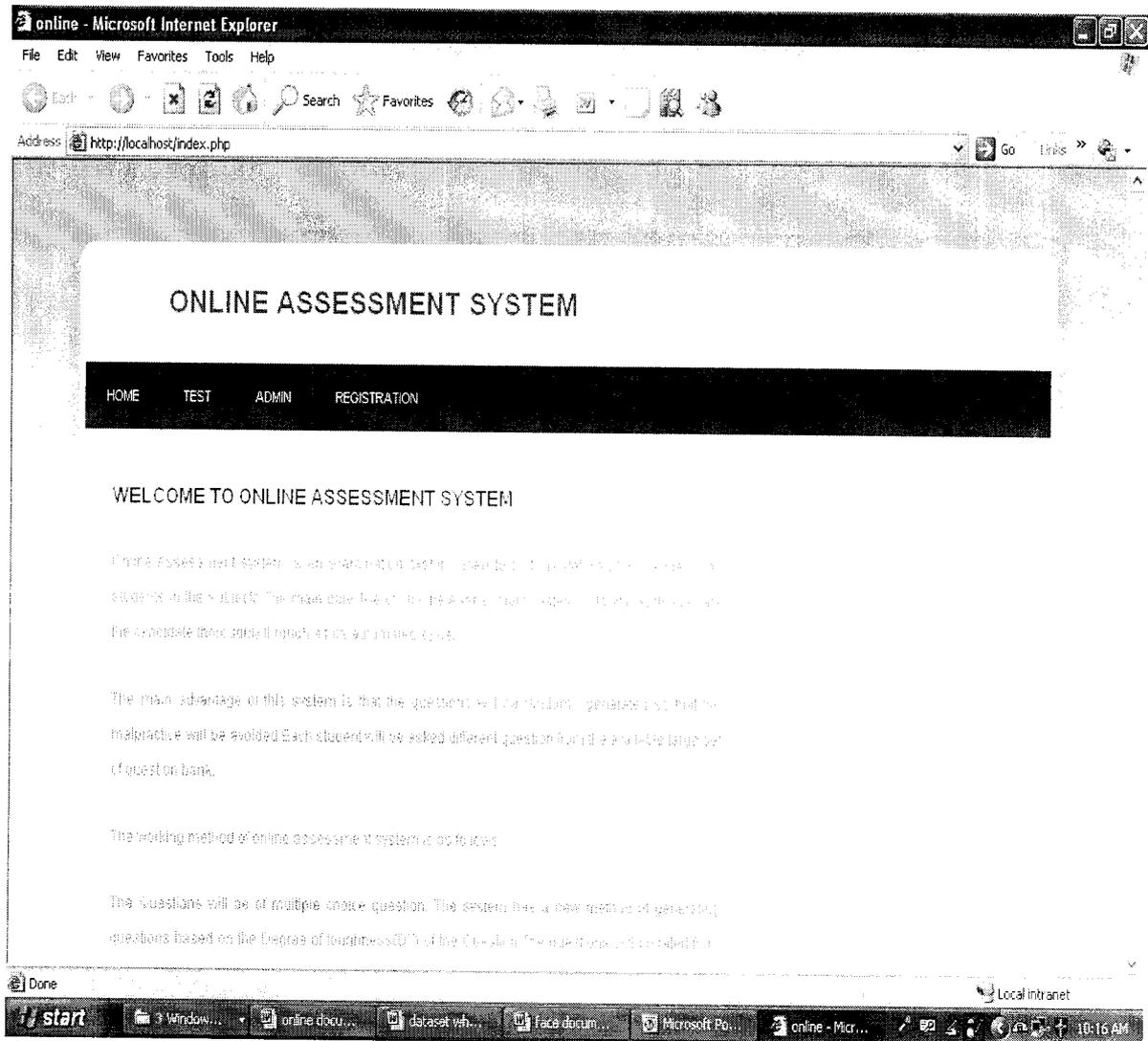
The project entitled “**ONLINE ASSESSMENT SYSTEM**” uses the username and password for the authentication process. However, since the biometrics technology has been developing at rapid pace, the system can be enhanced with the face recognition technology for the authentication process.

Also the face recognition technology can be used to prevent the student from leaving the client system or transposition during the exam.

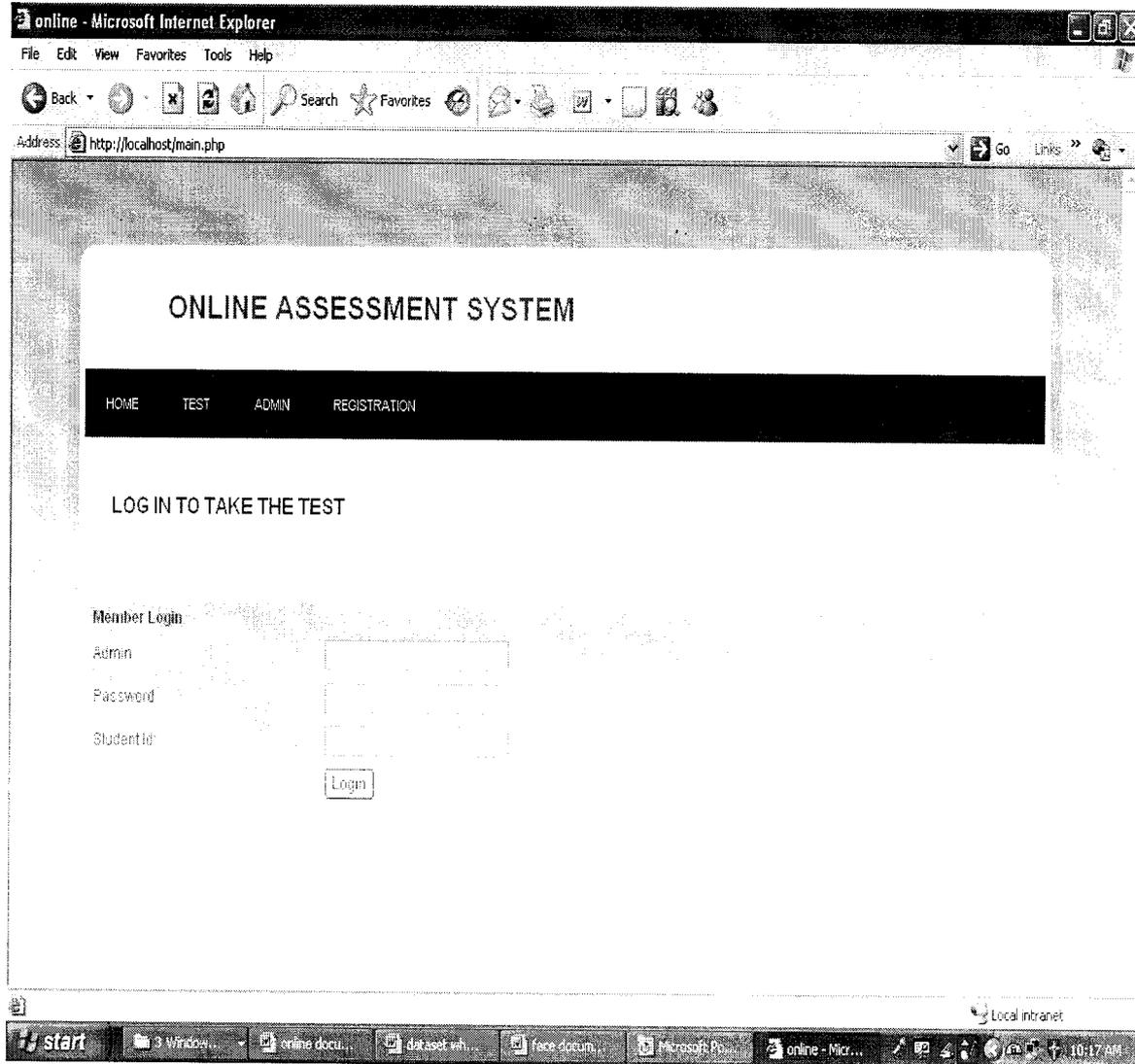
APPENDIX

SAMPLE SCREENS

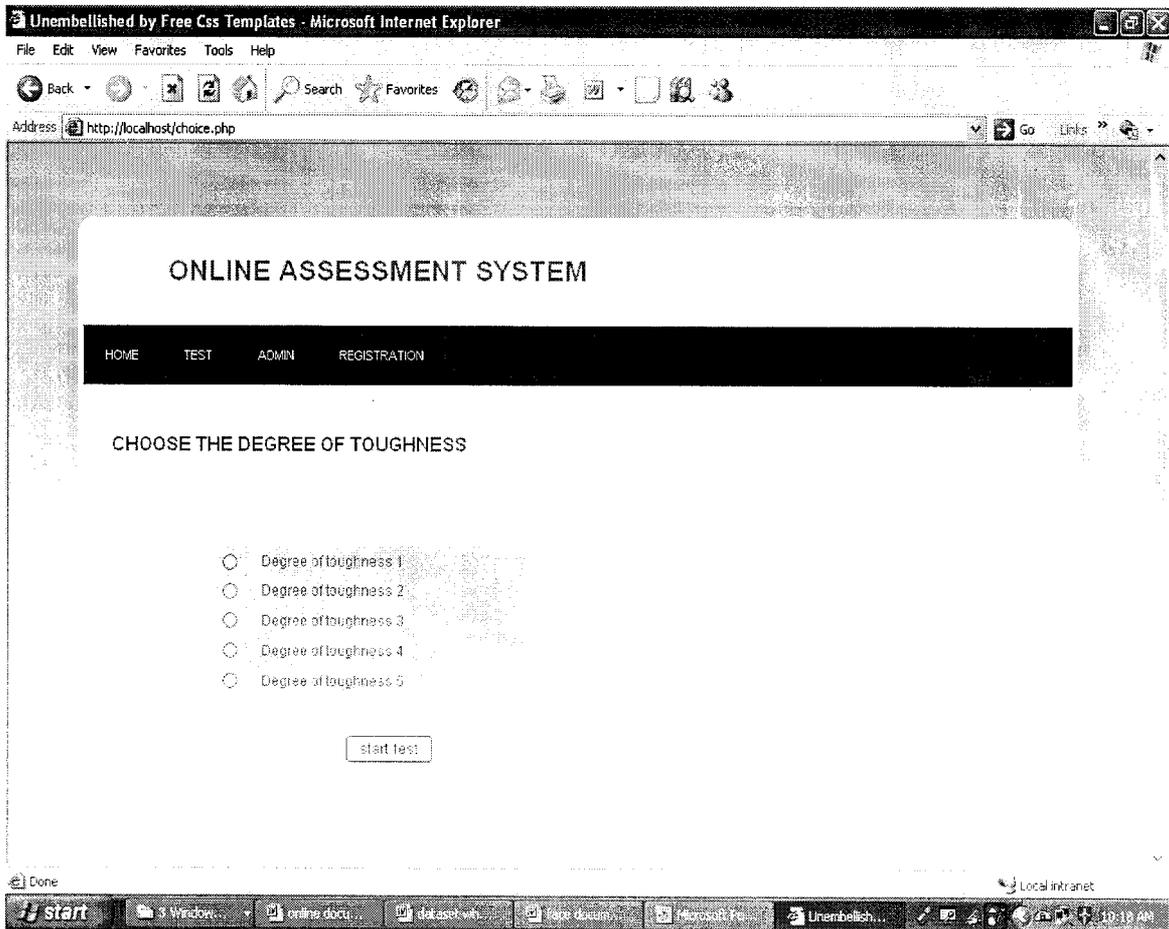
A.1 HOME PAGE



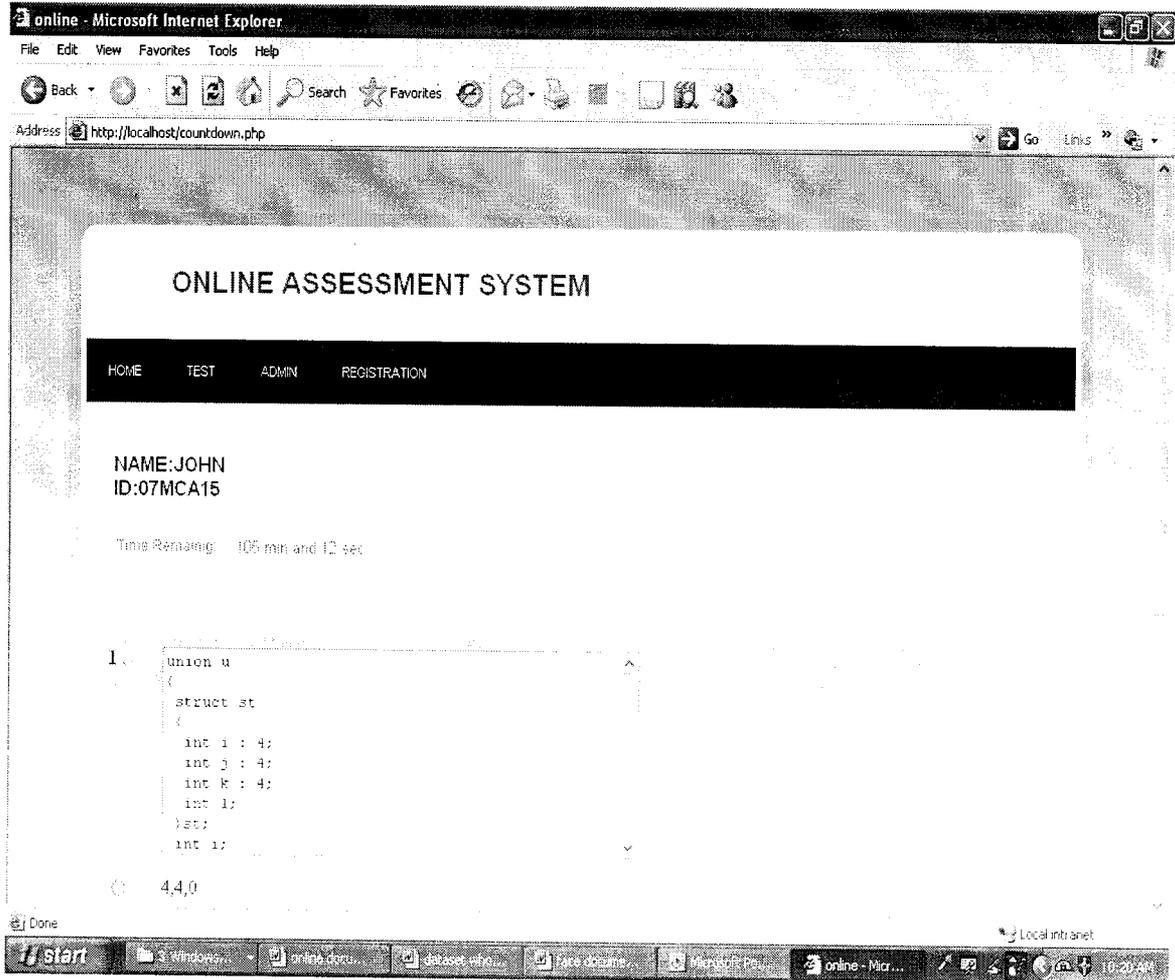
A.2 TEST LOGIN PAGE



A.3 DEGREE OF TOUGHNESS CHOOSING PAGE



A.4 TEST PAGE



A.5 RESULT PAGE

online - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Stop Home Search Favorites

Address http://localhost/score.php Go Links

ONLINE ASSESSMENT SYSTEM

HOME TEST ADMIN REGISTRATION

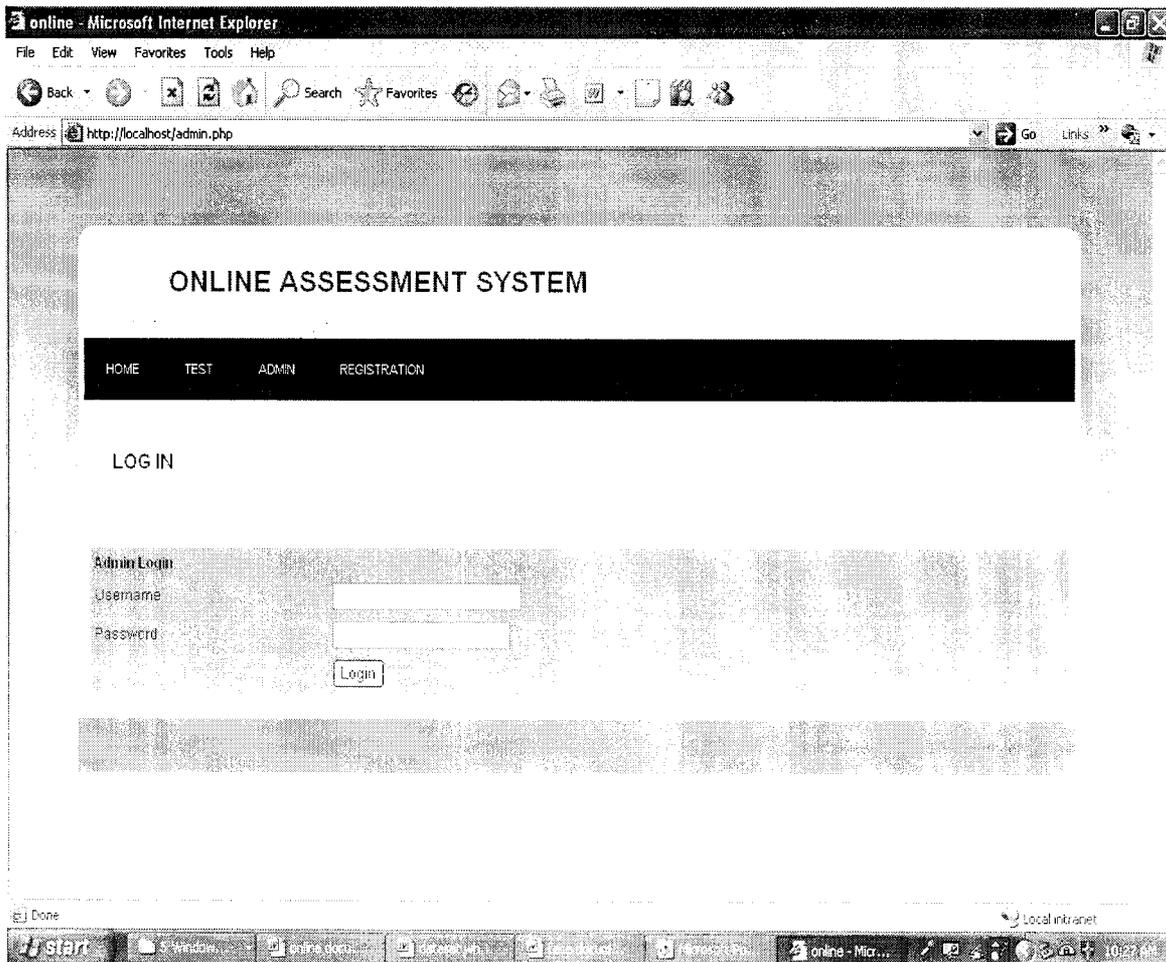
YOUR SCORE

Id	07hca15
Name	john
Start time	10/26/06
End time	10/26/06
DT1 Question Displayed	60,127,53,51,127
DT1 Answered correctly	60,127,51,127
DT2 Question Displayed	01,00,00,00,11,05,00,00,50,100
DT2 Answered correctly	01,00,00,00
DT3 Question Displayed	11,10,1,00,104
DT3 Answered correctly	11
DT4 Question Displayed	11
DT4 Answered correctly	11
DT5 Question Displayed	11
DT5 Answered correctly	11
DT6 Question Displayed	11
DT6 Answered correctly	11
DT7 Question Displayed	11
DT7 Answered correctly	11
DT8 Question Displayed	11
DT8 Answered correctly	11
DT9 Question Displayed	11
DT9 Answered correctly	11
DT10 Question Displayed	11
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DT14 Question Displayed	11
DT14 Answered correctly	11
DT15 Question Displayed	11
DT15 Answered correctly	11
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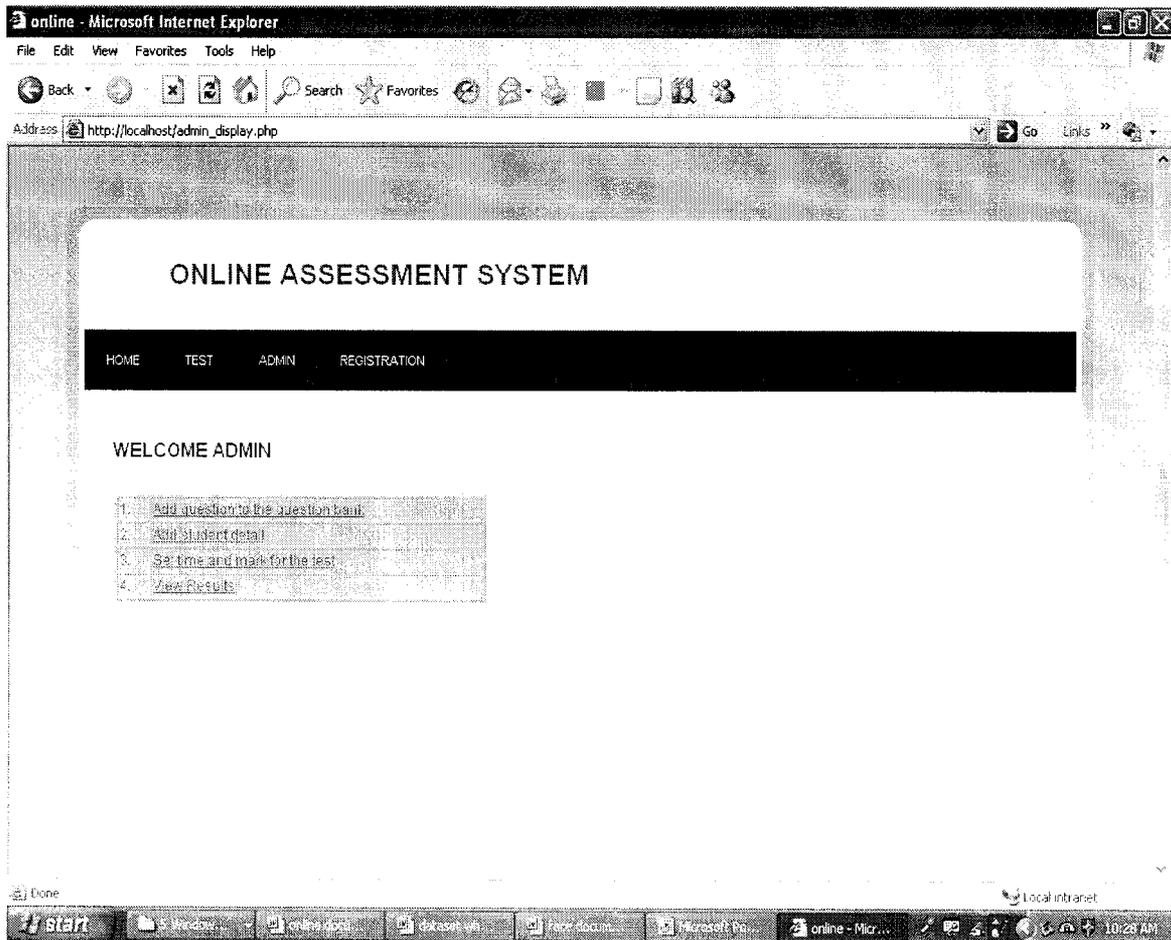
Done Local intranet

start | Window | online exam | Address bar | rate | Microsoft | online - Mic... | 10:26 AM

A.6 ADMIN LOGIN PAGE



A.7 ADMIN PAGE



A.8 QUESTION ADDING PAGE

The screenshot shows a web browser window titled "online - Microsoft Internet Explorer". The address bar displays "http://localhost/addquestion.php". The page content includes a navigation menu with links for HOME, TEST, ADMIN, and REGISTRATION. Below the menu is the heading "ADD QUESTION TO THE QUESTION BANK". The main form area contains several input fields: a large text area for "question", a text box for "question ID", a text box for "question type", and a text box for "question category". At the bottom of the page, there is a "Done" button and a status bar showing "Local intranet".

online - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://localhost/addquestion.php Go

ONLINE ASSESSMENT SYSTEM

HOME TEST ADMIN REGISTRATION

ADD QUESTION TO THE QUESTION BANK

question

question ID

question type

question category

Done Local intranet

online - Microsoft...

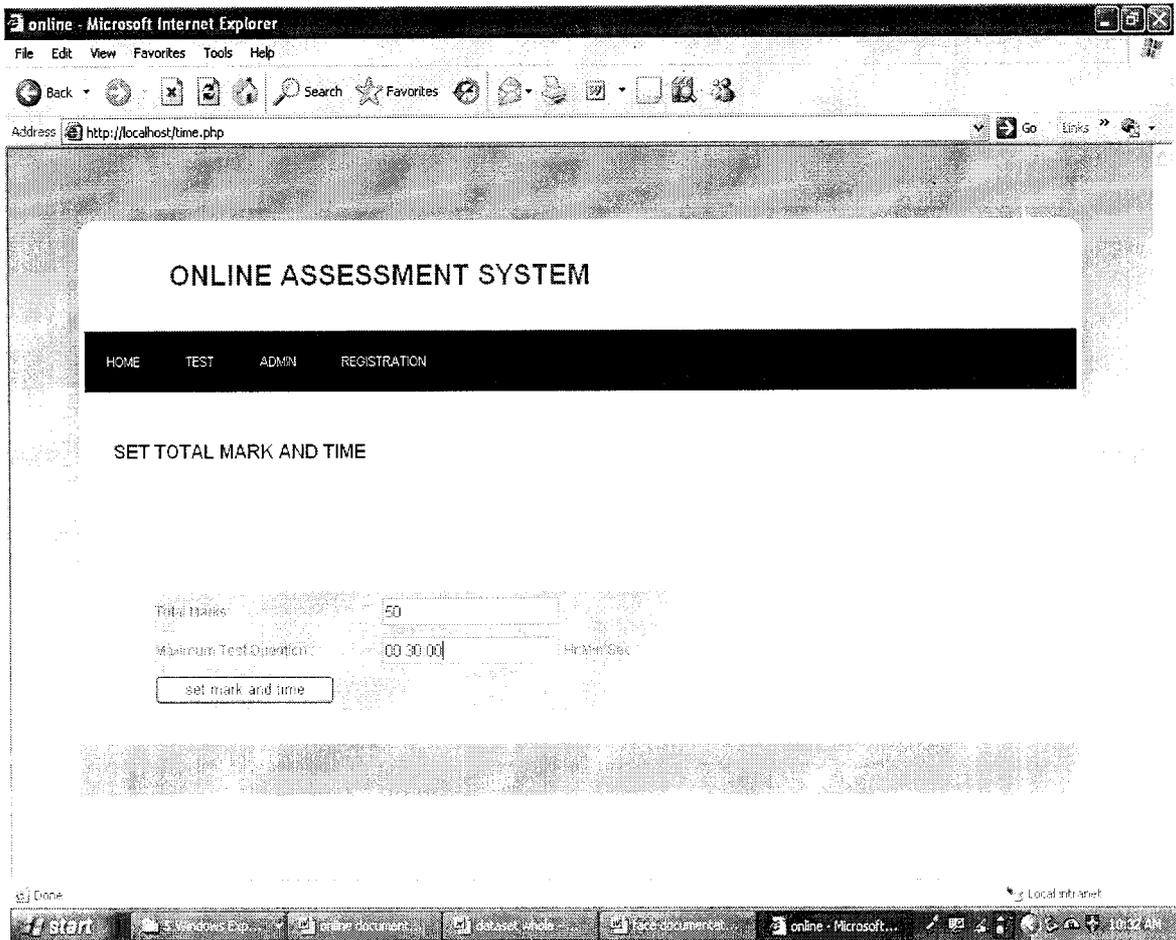
A.9 STUDENT DETAIL INSERTION PAGE

The screenshot shows a web browser window titled "online - Microsoft Internet Explorer" with the address bar displaying "http://localhost/student.php". The page content includes a navigation menu with "HOME", "TEST", "ADMIN", and "REGISTRATION" links. Below the menu is the heading "ADD STUDENT DETAIL". A form is present with the following fields and values:

Student Name	joseph
Student ID	07mca16
Course Name	KCT
Phone	9043341808
Email	joseph@gmail.com

Below the form is an "addstudent" button. The browser's taskbar at the bottom shows the Start button and several open applications, including "online - Microsoft...".

A.10 TEST DETAIL SET PAGE



A.12 REGISTRATION PAGE

The screenshot shows a web browser window titled "online - Microsoft Internet Explorer". The address bar displays "http://localhost/register.php". The page content includes a navigation menu with "HOME", "TEST", "ADMIN", and "REGISTRATION" links. Below the menu is a "REGISTRATION FORM" with the following fields and values:

Name	vinod
Email ID	catchmevinod@yahoo.co.in
Password	*****
College Name	KCT
Ph No.	9865324500

A "Register" button is located below the form fields. The browser's status bar shows "Done" and "Local intranet". The Windows taskbar at the bottom includes the Start button and several open applications: "Windows Explorer", "Online Documents...", "Internet Explorer...", "Task Scheduler...", "online - Microsoft...", and "Internet Explorer...".

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WEB SITES

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