



**Faculty of Computers and
information technology**

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Logo Of Project



Graduation Project name

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ID OF Project : 117

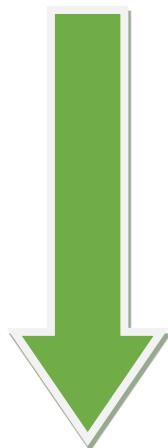
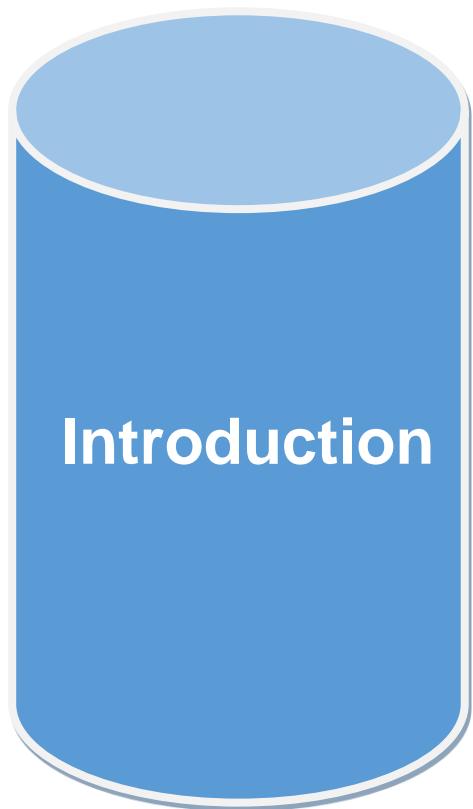
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INTRODUCTION :-

Online examinations are an important method of evaluating the success potential of students. This research effort the individuals under consideration were students who would be enrolling in computer courses or Technologies Registrations. A prototype of a web-based placement examination system is described from the standpoint of the research effort, end user, and software development.

An on-line educational system including exam processing and electronic journal features. An instructor builds a course based questions which on-line contain in identification of assignments. Which are compiled into an on-line exam syllabus?

Users enrolled in the platform may access the electronic details they provided and perform various functions with the on-line educational system in order to participate in the on-line examinations. Users can receive an on-line exam, , and they can electronically provide answers for the exam. And after Completion of their duration of exam they are provided the grade or marks secured in their examinations.

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Introduction

INTRODUCTION:

on-line examinations contents providers to focus on creating effective assessment questions and focusing on exam's feedback delivery to students. In the paper we present techniques that are pertinent to the elements of assessment process: answers submission, computerized grading, and feedback after submission.

As the modern organizations are automated and computers are working as per the instructions, it becomes essential for the coordination of human beings, commodity and computers in a modern organization.

The administrators ,instructor,Students who are attending for online examination can communicate with the system through this projects, thus facilitating effective implementation and monitoring of various activities of Online Examinations like conducting Exams as per scheduled basis and delivering result to that particular user or student.And the details of students who attempted Online Examination are maintained at administrator.

Analysis

SYSTEM ANALYSIS:

1. Existing System

Existing system is a manual one in which users are maintaining books to store the information like Student Details, Instructor Details, Schedule Details and feedbacks about students who attempted exam as per schedule.. It is very difficult to maintain historical data.

DISADVANTAGES:

The following drawbacks of existing system emphasize the need for computerization:

1. A lot of copies of question papers have to be made
2. A lot of correction work hence delay in giving the results
3. A lot of tabulation work for each subject results

2. Proposed System

This application is used to conduct online examination. The students can sit at individual terminals and login to write the exam in the given duration. . The questions have to be given to the students. This application will perform correction, display the result immediately and also store it in database. This application provides the administrator with a facility to add new exams. This application provides the Instructor add questions to the exam, modify questions in the exam in a particular exam. This application takes care of authentication of the administrator, Instructor as well as the student.

3. Objective of the System

The objective of the Online Examination Tool is to provide better information for the users of this system for better results for their maintenance in student examination schedule details and grading details.

System Specifications

Hardware Requirements: -

- Pentium-IV(Processor).
- 256 MB Ram
- 512 KB Cache Memory
- Hard disk 10 GB
- Microsoft Compatible 101 or more Key Board

Software Requirements: -

- **Operating System :** Windows
- **Web-Technology:** PHP
- **Front-End:** HTML,CSS, JAVASCRIPT
- **Back-End:** MySQL
- **Web Server:** Apache SERVER.

Design

INTRODUCTION:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

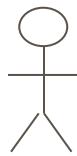
The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data.

UML Diagrams:

Actor:

A coherent set of roles that users of use cases play when interacting with the use cases.



Use case:

A description of sequence of actions, including variants, that a system performs that yields an observable result of value of an actor.



UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

There are various kinds of methods in software design:

They are as follows:

- **Use case Diagram**
- **Sequence Diagram**

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- **Collaboration Diagram**
- **Activity Diagram**
- **State chart Diagram**

USECASE DIAGRAMS:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying who can do and more importantly what they can't do.

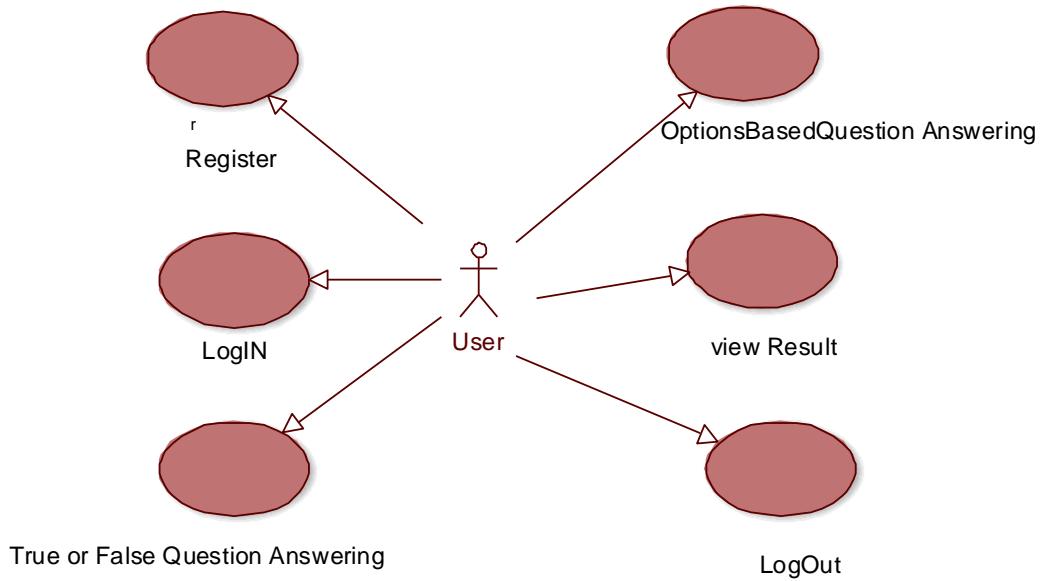
Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

USECASE DIAGRAM:

A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary ActorReceiver.

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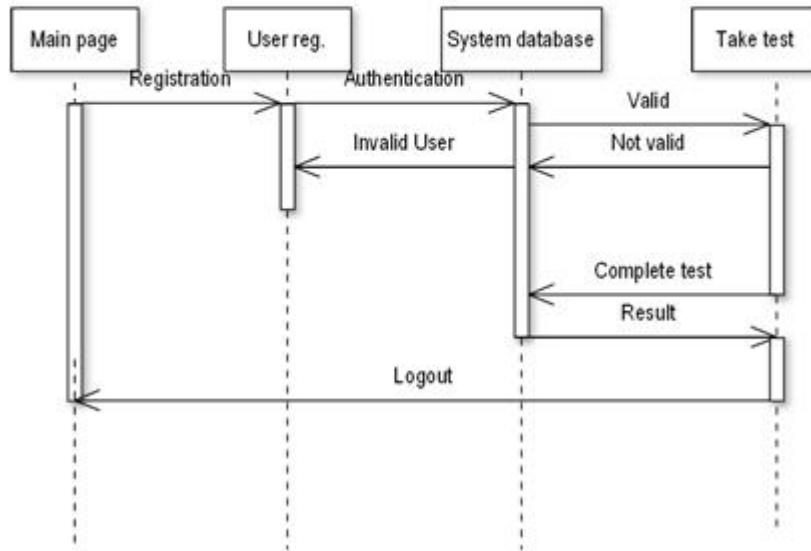
SEQUENCE DIAGRAM:

Sequence diagram and collaboration diagram are called INTERACTION DIAGRAMS. An interaction diagram shows an interaction, consisting of set of objects and their relationship including the messages that may be dispatched among them.

A sequence diagram is an introduction that empathizes the time ordering of messages. Graphically a sequence diagram is a table that shows objects arranged along the X-axis and messages ordered in increasing time along the Y-axis

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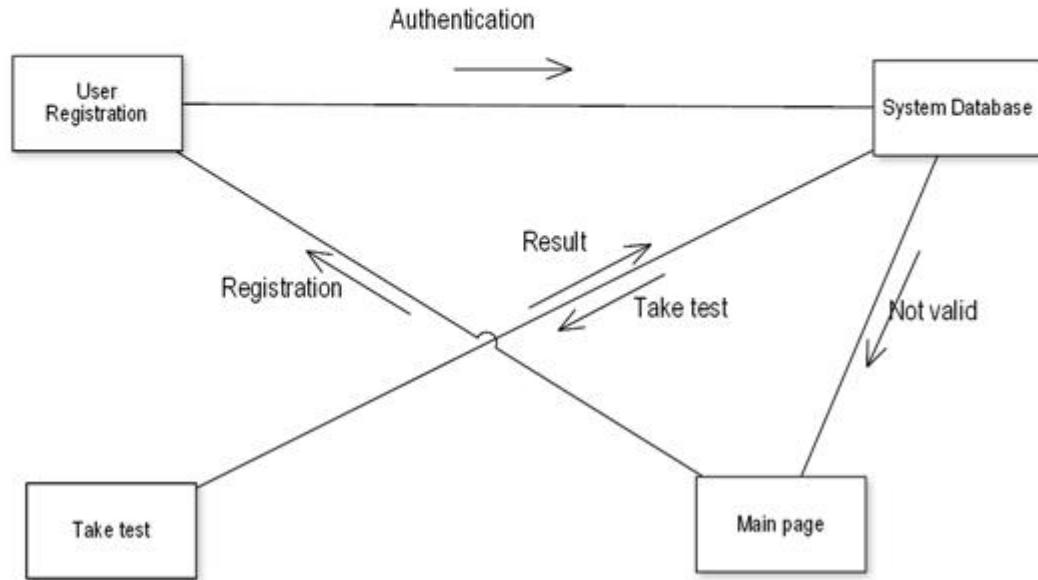
Sequence Diagram



COLLABORATION DIAGRAM:

A collaboration diagram is an introduction diagram that emphasizes the structural organization of the objects that send and receive messages. Graphically a collaboration diagram is a collection of vertices and arcs.

Collaboration Diagram



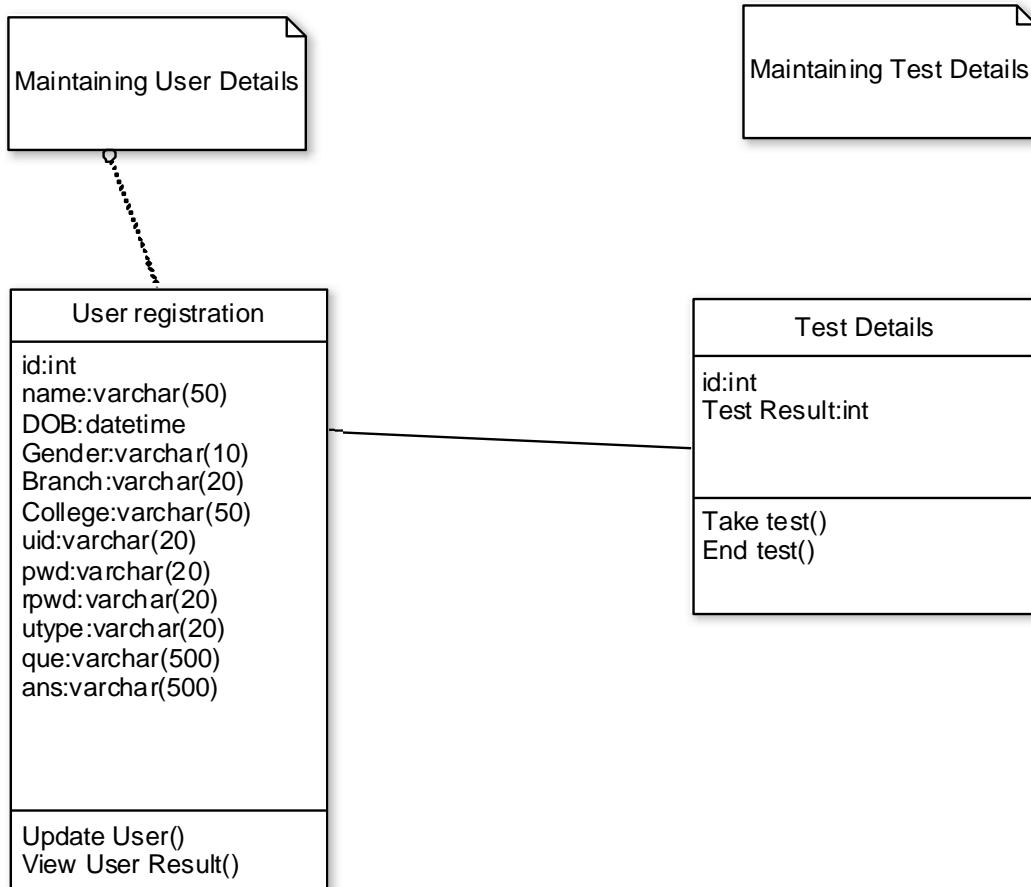
CLASS DIAGRAM:

Class is nothing but a structure that contains both variables and methods. The Class Diagram shows a set of classes, interfaces, and collaborations and their relationships. There is most common diagram in modeling the object oriented systems and are used to give the static view of a system. It shows the dependency between the classes that can be used in our system. The interactions between the modules or classes of our projects are shown below. Each block contains Class Name, Variables and Methods.

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CLASS:

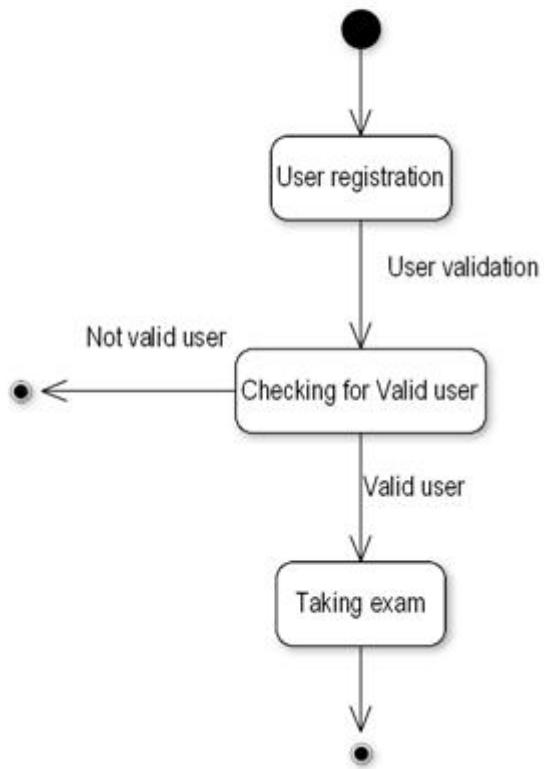
A description of set of objects that share the same attributes, operations, relationships, and semantics



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State Chart Diagram

Statechart Diagram



DATA FLOW DIAGRAMS:

The DFD takes an input-process-output view of a system i.e. data objects flow into the software, are transformed by processing elements, and resultant data objects flow out of the software.

Data objects represented by labeled arrows and transformation are represented by circles also called as bubbles. DFD is presented in a hierarchical fashion i.e. the first data flow model represents the system as a whole. Subsequent DFD refine the context diagram (level 0 DFD), providing increasing details with each subsequent level.

The DFD enables the software engineer to develop models of the information domain & functional domain at the same time. As the DFD is refined into greater levels of details, the analyst perform an implicit functional decomposition of the system. At the same time, the DFD refinement results in a corresponding refinement of the data as it moves through the process that embody the applications.

A context-level DFD for the system the primary external entities produce information for use by the system and consume information generated by the system. The labeled arrow represents data objects or object hierarchy.

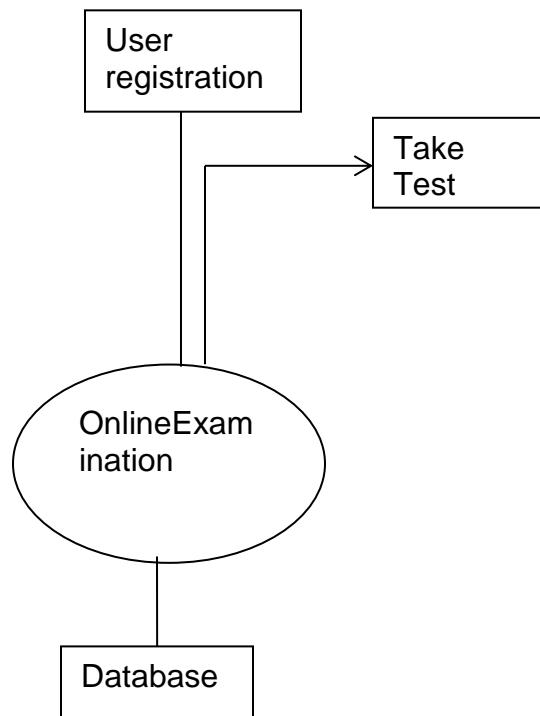
RULES FOR DFD:

- Fix the scope of the system by means of context diagrams.
- Organize the DFD so that the main sequence of the actions
- Reads left to right and top to bottom.
- Identify all inputs and outputs.
- Identify and label each process internal to the system with Rounded circles.
- A process is required for all the data transformation and Transfers. Therefore, never connect a data store to a data Source or the destinations or another data store with just a Data flow arrow.
- Do not indicate hardware and ignore control information.
- Make sure the names of the processes accurately convey everything the process is done.
- There must not be unnamed process.
- Indicate external sources and destinations of the data, with Squares.
- Number each occurrence of repeated external entities.
- Identify all data flows for each process step, except simple Record retrievals.
- Label data flow on each arrow.
- Use details flow on each arrow.
- Use the details flow arrow to indicate data movements.

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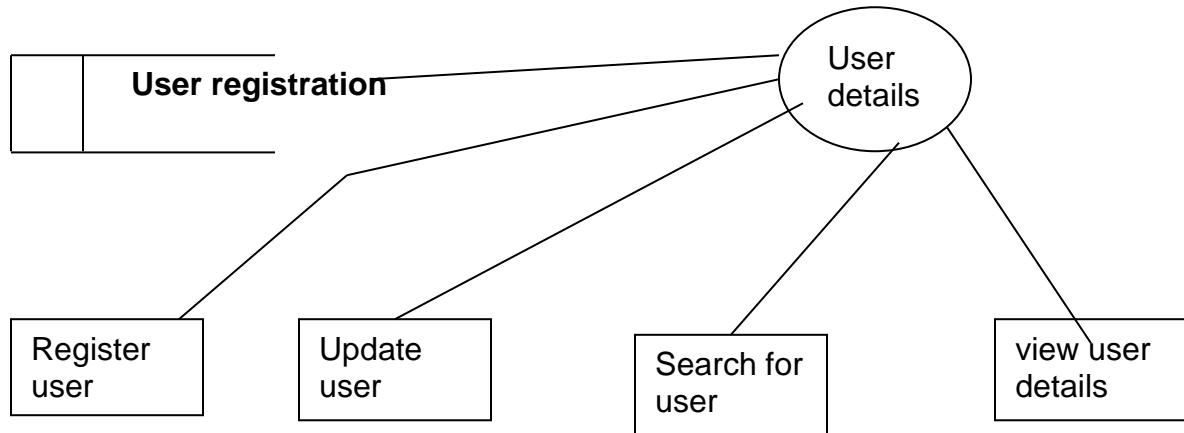
DATAFLOW DIAGRAMS:

Database:

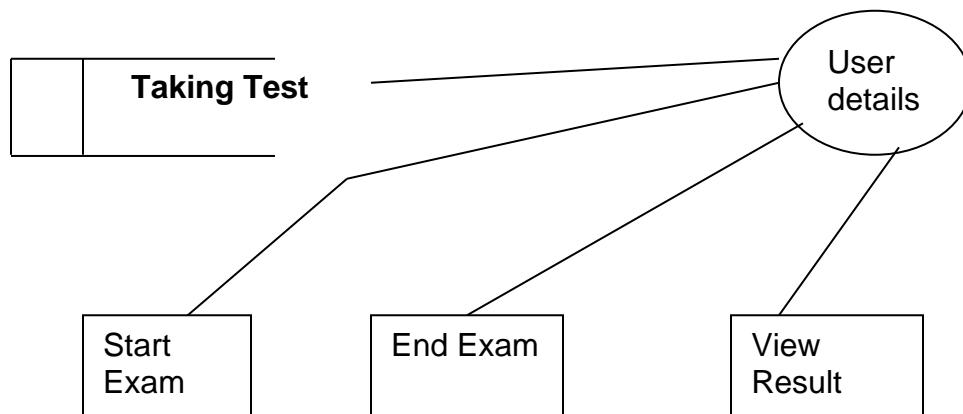


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user registration



Taking Test



E-R Diagrams:

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The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design. For the database designer, the utility of the ER model is:

- it maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- it is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in a specific database management software.

Connectivity and Cardinality

The basic types of connectivity for relations are: one-to-one, one-to-many, and many-to-many. A *one-to-one* (1:1) relationship is when at most one instance of entity A is associated with one instance of entity B. For example, "employees in the company are each assigned their own office. For each employee there exists a unique office and for each office there exists a unique employee.

A *one-to-many* (1:N) relationship is when for one instance of entity A, there are zero, one, or many instances of entity B, but for one instance of entity B, there is only one instance of entity A. An example of a 1:N relationship is

a department has many employees

each employee is assigned to one department

A *many-to-many* (M:N) relationship, sometimes called non-specific, is when for one instance of entity A, there are zero, one, or many instances of entity B and for one instance of entity B there are zero, one, or many instances of entity A. The connectivity of a relationship describes the mapping of associated

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ER Notation

There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used, among the more common are Bachman, crow's foot, and IDEFIX.

All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the cardinality of a connection. The notation used in this document is from Martin. The symbols used for the basic ER constructs are:

- **entities** are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.
- **relationships** are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs
- **attributes**, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- **cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.
- **existence** is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional

MODULES

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ONLINE EXAMINATION SYSTEM

MODULES:

- 1:ADMIN MODULE
- 2.INSTRUCTOR MODULE
- 3.STUDENT MODULE

1.ADMIN MODULE:

- 1.:REGISTER
- 2.LOGIN
- 3.CHANGE PASSWORD&FORGOTPASSWORD
- 4.STUDENT -MODIFYING DETAILS
- 5.DEPARTMENTS-ENTERING/MODIFYING DETAILS
- 6.INSTRUCTOR DETAILS-MODIFYING DETAILS

1.REGISTER:

- To be authenticated first have to be registered.

2.LOGIN:

- The Registered User Can be Allowed to view inner details for which he Permitted.

3.CHANGE PASSWORD&FORGOTPASSWORD:

- User has rights to modify his login details& also be informed through mails if he is unable to login.

4.STUDENT -MODIFYING DETAILS:

- User can be modified to change status of each User.

5.DEPARTMENTS-ENTERING/MODIFYING DETAILS:

- New departments adding and old departmentd deletions are done by this user.

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6.INSTRUCTOR DETAILS-MODIFYING DETAILS:

- According to staff he can add or delete Instructors for specific platforms.

2- INSTRUCTOR MODULE:

1.REGISTER

2. LOGIN

3CHANGE PASSWORD&FORGOT PASSWORD

4.ADD QUESTIONS-DEPARTMENTS VERIFYING.

5.UPDATE QUESTIONS -DEPARTMENTS VERIFYING

6.CREATE EXAMS

7.UPDATE EXAMS

**8.VIEW EXAM DETAILS- VIEW NO OF REGISTERED STUDENTS
VIEW NO OF ATTENDED STUDENTS.**

**9.EVALUATE QUESTION:MULTIPLE CHOICE
TRUE/FALSE.**

1.REGISTER

- To be authenticated first have to be registered.

2.LOGIN:

- The Registered User Can be Allowed to view inner details for which he Permitted

3.CHANGE PASSWORD&FORGOTPASSWORD:

- User has rights to modify his logging details& also be informed through mails if he is unable to login

4.ADD QUESTIONS-DEPARTMENTS VERIFYING:

- According to flow of questions & Technology he can add questions into the database.

5.UPDATE QUESTIONS -DEPARTMENTS VERIFYING:

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- *If any corrections in data of questions he can modify them*

6.CREATE EXAMS:

- *He will be prepared schedule for exams periodically.*

7.UPDATE EXAMS:

- *He has rights to modify exam schedule.*

8.VIEW EXAM DETAILS- VIEW NO OF REGISTERED STUDENTS,

- **VIEW NO OF ATTENDED STUDENTS:**Can view at attended students who has registered.

9.EVALUATE QUESTION:MULTIPLE CHOICE -TUE/FALSE

- *Evaluation of marks based on his initiations when adding questions*

10- Make a group study and generate codes to student join by code or added by ins

3. STUDENT DETAILS:

- 1.REGISTER
- 2.LOGIN
- 3.TAKE EXAM- MULTIPLE CHOICE -TRUE/FALSE
4. SEE EXAM RESULTS
5. Join Group
- 6.LOGOUT

1.REGISTER:To be authenticated first have to be registered.

2.LOGIN:The Registered User Can be allowed to view inner details for which he Permitted.

3.TAKE EXAM- MULTIPLE CHOICE ,Essay, TRUE/FALSE: The registered student allowed to start the exam.

4. SEE EXAM RESULTS :After Completion of exam he can view at his result..

5- join Group: Student can join group when instructor add it or can join by code

6.LOGOUT: After the process of examination he turned to Logout page..

OVERVIEW OF TECHNOLOGIES USED

PHP

PHP: Hypertext Preprocessor, is a widely used, general-purpose scripting language that was originally designed for web development, to produce dynamic web pages. It can be embedded into HTML and generally runs on a web server, which needs to be configured to process PHP code and create web page content from it. It can be deployed on most web servers and on almost every operating system and platform free of charge.

PHP was originally created by Rasmus Lerdorf in 1995 and has been in continuous development ever since. The main implementation of PHP is now produced by The PHP Group and serves as the de facto standard for PHP as there is no formal specification. PHP is free software released under the PHP License, which is incompatible with the GNU General Public License (GPL) because of restrictions on the use of the term PHP

PHP has evolved to include a command line interface capability and can also be used in standalone graphical applications.

USAGE

PHP is a general-purpose scripting language that is especially suited for web development. 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.

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PHP primarily acts as a filter, taking input from a file or stream containing text and/or PHP instructions and outputs another stream of data; most commonly the output will be HTML. Since PHP 4, the PHP parser compiles input to produce byte code for processing by the Zend Engine, giving improved performance over its interpreter predecessor.

Originally designed to create dynamic web pages, PHP now focuses mainly on server-side scripting, and it is similar to other server-side scripting languages that provide dynamic content from a web server to a client, such as Microsoft's Active Server Pages, Sun Microsystems' JavaServer Pages and mod_perl. PHP has also attracted the development of many frameworks that provide building blocks and a design structure to promote rapid application development (RAD). Some of these include CakePHP, Symfony, CodeIgniter, and Zend Framework, offering features similar to other web application frameworks.

About HTML

HTML, which stands for **Hyper Text 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.

Hyper Text Markup Language(HTML) is the encoding scheme used to create and format a web document. A user need not be an expert programmer to make use of HTML for creating hypertext documents that can be put on the internet.

Most graphical e-mail clients allow the use of a subset of HTML (often ill-defined) to provide formatting and semantic markup not available with plain text. This may include typographic information like coloured headings, emphasized and quoted

text, inline images and diagrams. Many such clients include both a GUI editor for composing HTML e-mail messages and a rendering engine for displaying them. Use of HTML in e-mail is controversial because of compatibility issues, because it can help disguise phishing attacks, because it can confuse spam filters and because the message size is larger than plain text.

NAMING CONVENTIONS

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 APPLICATION

An HTML Application is a Microsoft Windows application that uses HTML and Dynamic HTML in a browser to provide the application's graphical interface. A regular HTML file is confined to the security model of the web browser, communicating only to web servers and manipulating only webpage objects and site cookies. An HTA runs as a fully trusted application and therefore has more privileges, like creation/editing/removal of files and Windows Registry entries. Because they operate outside the browser's security model, HTAs cannot be executed via HTTP, but must be downloaded (just like an EXE file) and executed from local file system

ABOUT JAVASCRIPT

JavaScript is an object-oriented scripting language used to enable programmatic access to objects within both the client application and other applications. It is primarily used in the form of client-side JavaScript, implemented as an integrated component of the web browser, allowing the development of 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.

PROTOTYPE-BASED

JavaScript uses prototypes instead of classes for inheritance. It is possible to simulate many class-based features with prototypes in JavaScript.

Functions double as object constructors along with their typical role. Prefixing a function call with new creates a new object and calls that function with its local this keyword bound to that object for that invocation. The constructor's prototype property determines the object used for the new object's internal prototype. JavaScript's built-in constructors, such as Array, also have prototypes that can be modified.

Unlike many object-oriented languages, there is no distinction between a function definition and a method definition. Rather, the distinction occurs during function calling; a function can be called as a method. When a function is called as a method of an object, the function's local this keyword is bound to that object for that invocation.

USAGE

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.

Because JavaScript code can run locally in a user's browser (rather than on a remote server) it can respond to user actions quickly, making an application feel more responsive. Furthermore, JavaScript code can detect user actions which HTML alone cannot, such as individual keystrokes. Applications such as Gmail take advantage of this: much of the user-interface logic is written in JavaScript, and JavaScript dispatches requests for information (such as the content of an e-mail message) to the server. The wider trend of Ajax programming similarly exploits this strength.

A JavaScript engine (also known as *JavaScript interpreter* or *JavaScript implementation*) is an interpreter that interprets JavaScript source code and executes the script accordingly. The first JavaScript engine was created by Brendan Eich at Netscape Communications Corporation, for the Netscape Navigator web browser. A web browser is by far the most common host

environment for JavaScript. Web browsers typically use the public API to create "host objects" responsible for reflecting the DOM into JavaScript.

ABOUT MySQL

MySQL Introduction

There are a large number of database management systems currently available, some commercial and some free.

Some of them : Oracle, Microsoft Access, MySql and PostgreSQL.

These database systems are powerful, feature-rich software, capable of organizing and searching millions of records at very high speeds.

Understanding Databases, Records, and Primary Keys

Every Database is composed of one or more tables.

These Tables, which structure data into rows and columns, Impose organization on the data.

The records in a table(below) are not arranged in any particular order.

To make it easy to identify a specific record, therefore, it becomes necessary

standing Relationships and Foreign Keys(RDBMS)

You already know that a single database can hold multiple tables.

In a Relational database management system(RDBMS), these tables can be linked to each other by one or more common fields, called foreign keys.

What is Database administrator(DBA) ?

Database administrator is the super user of database, he has unrestricted rights and privileges to access database, grant permission to other database users.

What is Database user(DBU) ?

Database user is the person who uses the database in a restricted privileges, provided by database administrator.

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Download MySQL Database

If you have installed PHP's WAMP or XAMPP server, then mysql database already exists. if you don't have then download mysql database from here<http://www.mysql.com>

FEASIBILITY STUDY:

Feasibility study is conducted once the problem is clearly understood. Feasibility study is a high level capsule version of the entire system analysis and design process. The objective is to determine quickly at a minimum expense how to solve a problem. The purpose of feasibility is not to solve the problem but to determine if the problem is worth solving.

The system has been tested for feasibility in the following points.

1. Technical Feasibility
2. Economical Feasibility
3. Operational Feasibility.

1. Technical Feasibility

The project entitles "Courier Service System" is technically feasibility because of the below mentioned feature. The project was developed in Java which Graphical User Interface.

It provides the high level of reliability, availability and compatibility. All these make Java an appropriate language for this project. Thus the existing software Java is a powerful language.

2. Economical Feasibility

The computerized system will help in automate the selection leading the profits and details of the organization. With this software, the machine and manpower utilization are expected to go up by 80-90% approximately. The costs incurred of not creating the system are set to be great, because precious time can be wanted by manually.

3. Operational Feasibility

In this project, the management will know the details of each project where he may be presented and the data will be maintained as decentralized and if any inquires for that particular contract can be known as per their requirements and necessities.

Implementation:

Implementation is the stage where the theoretical design is turned into a working system. The most crucial stage in achieving a new successful system and in giving confidence on the new system for the users that it will work efficiently and effectively.

The system can be implemented only after thorough testing is done and if it is found to work according to the specification.

It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the change over and an evaluation of change over methods a part from planning. Two major tasks of preparing the implementation are education and training of the users and testing of the system.

The more complex the system being implemented, the more involved will be the systems analysis and design effort required just for implementation.

The implementation phase comprises of several activities. The required hardware and software acquisition is carried out. The system may require some software to be developed. For this, programs are written and tested. The user then changes over to his new fully tested system and the old system is discontinued.

TESTING:

The testing phase is an important part of software development. It is the computerized system will help in automate process of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied.

Software testing is carried out in three steps:

1. The first includes unit testing, where in each module is tested to provide its correctness, validity and also determine any missing operations and to verify whether the objectives have been met. Errors are noted down and corrected immediately. Unit testing is the important and major part of the project. So errors are rectified easily in particular module and program clarity is increased. In this project entire system is divided into several modules and is developed individually. So unit testing is conducted to individual modules.
2. The second step includes Integration testing. It need not be the case, the software whose modules when run individually and showing perfect results, will also show perfect results when run as a whole. The individual modules are clipped under this major module and tested again and verified the results. This is due to poor interfacing, which may results in data being lost across an interface. A module can have inadvertent, adverse effect on any other or on the global data structures, causing serious problems.
3. The final step involves validation and testing which determines which the software functions as the user expected. Here also some modifications were. In the completion of the project it is satisfied fully by the end user.

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Maintenance and environment:

AS the number of computer based systems, grieve libraries of computer software began to expand. In house developed projects produced tones of thousand soft program source statements. Software products purchased from the outside added hundreds of thousands of new statements. A dark cloud appeared on the horizon. All of these programs, all of those source statements-had to be corrected when false were detected, modified as user requirements changed, or adapted to new hardware that was purchased. These activities were collectively called software Maintenance.

The maintenance phase focuses on change that is associated with error correction, adaptations required as the software's environment evolves, and changes due to enhancements brought about by changing customer requirements. Four types of changes are encountered during the maintenance phase.

Correction

Adaptation

Enhancement

Prevention

Correction:

Even with the best quality assurance activities is lightly that the customer will uncover defects in the software. Corrective maintenance changes the software to correct defects.

Maintenance is a set of software Engineering activities that occur after software has been delivered to the customer and put into operation. Software configuration management is a set of tracking and control activities that began when a software project begins and terminates only when the software is taken out of the operation.

We may define maintenance by describing four activities that are undertaken after a program is released for use:

Corrective Maintenance

Adaptive Maintenance

Perfective Maintenance or Enhancement

Preventive Maintenance or reengineering

Only about 20 percent of all maintenance work are spent "fixing mistakes". The remaining 80

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percent are spent adapting existing systems to changes in their external environment, making enhancements requested by users, and reengineering an application for use.

ADAPTATION:

Over time, the original environment (E>G., CPU, operating system, business rules, external product characteristics) for which the software was developed is likely to change. Adaptive maintenance results in modification to the software to accommodate change to its external environment.

ENHANCEMENT:

As software is used, the customer/user will recognize additional functions that will provide benefit. Perceptive maintenance extends the software beyond its original function requirements.

PREVENTION :

Computer software deteriorates due to change, and because of this, preventive maintenance, often called software re engineering, must be conducted to enable the software to serve the needs of its end users. In essence, preventive maintenance makes changes to computer programs so that they can be more easily corrected, adapted, and enhanced. Software configuration management (SCM) is an umbrella activity that is applied throughout the software process. SCM activities are developed to

SOFTWARE METHODOLOGY

The software methodology followed in this project includes the object-oriented methodology and the application system development methodologies. The description of these methodologies is given below.

Application System Development – A Life cycle Approach

Although there are a growing number of applications (such as decision support systems) that should be developed using an experimental process strategy such as prototyping, a significant amount of new development work continue to involve major operational applications of broad scope. The application systems are large highly structured. User task comprehension and developer task proficiency is usually high. These factors suggest a linear or iterative assurance strategy. The most common method for this stage class of problems is a system development life cycle modal in which each stage of development is well defined and has straightforward requirements for deliverables, feedback and sign off. The system development life cycle is described in detail since it continues to be an appropriate methodology for a significant part of new development work.

The basic idea of the system development life cycle is that there is a well-defined process by which an application is conceived and developed and implemented. The life cycle gives structure to a creative process. In order to manage and control the development effort, it is necessary to know what should have been done, what has been done, and what has yet to be accomplished. The phrases in the system development life cycle provide a basis for management and control because they define segments of the

flow of work, which can be identified for managerial purposes and specifies the documents or other deliverables to be produced in each phase.

The phases in the life cycle for information system development are described differently by different writers, but the differences are primarily in the amount of necessity and manner of categorization. There is a general agreement on the flow of development steps and the necessity for control procedures at each stage.

The information system development cycle for an application consists of three major stages.

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1)Definition.

2)Development.

3)Installation and operation.

The first stage of the process, which defines the information requirements for a feasible cost effective system. The requirements are then translated into a physical system of forms, procedures, programs etc., by the system design, computer programming and procedure development. The resulting system is test and put into operation. No system is perfect so there is always a need for maintenance changes. To complete the cycle, there should be a post audit of the system to evaluate how well it performs and how well it meets the cost and performance specifications. The stages of definition, development and installation and operation can therefore be divided into smaller steps or phrases as follows.

Definition

Proposed definition :

- preparation of request for proposed applications.

Feasibility assessment :

- evaluation of feasibility and cost benefit of proposed system.

Information requirement analysis :

- determination of information needed.

Design

Conceptual design :

- User-oriented design of application development.

Physical system design :

- Detailed design of flows and processes in applications processing system and preparation of program **specification**.

Development

Program development :

- coding and testing of computer programs.

Procedure development :

- design of procedures and preparation of user instructions.

Installation and operation

- Conversion :

- final system test and conversion.

- Operation and maintenance :

- Month to month operation and maintenance.

-Post audit :

- Evaluation of development process,application system and results of use at the completion of the each phase, formal approval sign-off is required from the users as well as from the manager of the project development.



Testing

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Testing is a process of executing a program with the intent of finding an error. Testing is a crucial element of software quality assurance and presents ultimate review of specification, design and coding.

System Testing is an important phase. Testing represents an interesting anomaly for the software. Thus a series of testing are performed for the proposed system before the system is ready for user acceptance testing.

A good test case is one that has a high probability of finding an as undiscovered error. A successful test is one that uncovers an as undiscovered error.

Testing Objectives:

1. Testing is a process of executing a program with the intent of finding an error
2. A good test case is one that has a probability of finding an as yet undiscovered error
3. A successful test is one that uncovers an undiscovered error

Testing Principles :

1. All tests should be traceable to end user requirements.
2. Tests should be planned long before testing begins.
3. Testing should begin on a small scale and progress towards testing in large
4. Exhaustive testing is not possible .
5. To be most effective testing should be conducted by a independent third party..

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The primary objective for test case design is to derive a set of tests that has the highest livelihood for uncovering defects in software. To accomplish this objective two different categories of test case design techniques are used. They are

White box testing.

Black box testing.

White-box testing:

White box testing focus on the program control structure. Test cases are derived to ensure that all statements in the program have been executed at least once during testing and that all logical conditions have been executed.

Block-box testing:

Black box testing is designed to validate functional requirements without regard to the internal workings of a program. Black box testing mainly focuses on the information domain of the software, deriving test cases by partitioning input and output in a manner that provides through test coverage. Incorrect and missing functions, interface errors, errors in data structures, error in functional logic are the errors falling in this category.

Testing strategies:

A strategy for software testing must accommodate low-level tests that are necessary to verify that all small source code segment has been correctly implemented as well as high-level tests that validate major system functions against customer requirements.

Testing fundamentals:

Testing is a process of executing program with the intent of finding error. A good test case is one that has high probability of finding an undiscovered error. If testing is conducted successfully it uncovers the errors in the software. Testing cannot show the absence of defects, it can only show that software defects present.

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Testing Information flow:

Information flow for testing flows the pattern. Two class of input provided to test the process. The software configuration includes a software requirements specification, a design specification and source code.

Test configuration includes test plan and test cases and test tools. Tests are conducted and all the results are evaluated. That is test results are compared with expected results. When erroneous data are uncovered, an error is implied and debugging commences.

Unit testing:

Unit testing is essential for the verification of the code produced during the coding phase and hence the goal is to test the internal logic of the modules. Using the detailed design description as a guide, important paths are tested to uncover errors within the boundary of the modules. These tests were carried out during the programming stage itself. All units of ViennaSQL were successfully tested.

Integration testing :

Integration testing focuses on unit tested modules and build the program structure that is dictated by the design phase.

System testing:

System testing tests the integration of each module in the system. It also tests to find discrepancies between the system and it's original objective, current specification and system documentation. The primary concern is the compatibility of individual modules. Entire system is working properly or not will be tested here, and specified path ODBC connection will correct or not, and giving output or not are tested here these verifications and validations are done by giving input values to the system and by comparing with expected output. Top-down testing implementing here.

Acceptance Testing:

This testing is done to verify the readiness of the system for the implementation. Acceptance testing begins when the system is complete. Its purpose is to provide the end user with the confidence that the system is ready for use. It involves planning and execution of functional tests, performance tests and stress tests in order to demonstrate that the implemented system satisfies its requirements.

Tools to special importance during acceptance testing include:

Test coverage Analyzer – records the control paths followed for each test case.

Timing Analyzer – also called a profiler, reports the time spent in various regions of the code are areas to concentrate on to improve system performance.

Coding standards – static analyzers and standard checkers are used to inspect code for deviations from standards and guidelines.

Test Cases:

Test cases are derived to ensure that all statements in the program have been executed at least once during testing and that all logical conditions have been executed.

Using White-Box testing methods, the software engineer can drive test cases that

- Guarantee that logical decisions on their true and false sides.

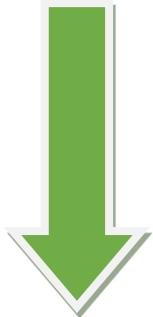
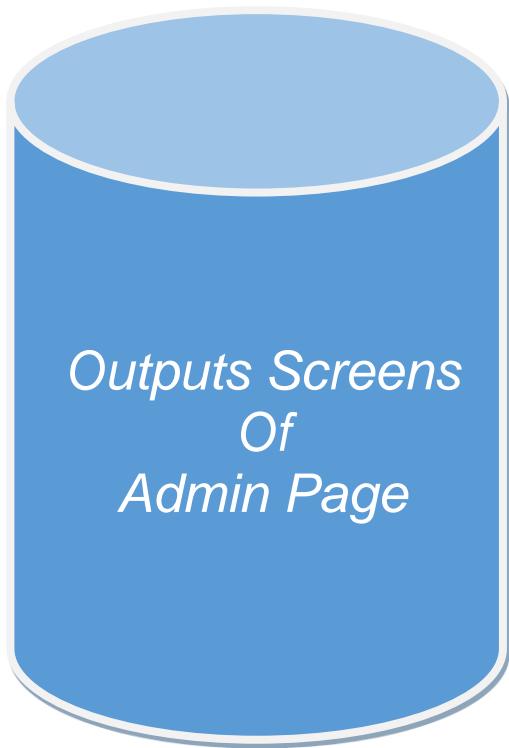
- Exercise all logical decisions on their true and false sides.

- Execute all loops at their boundaries and with in their operational bounds.

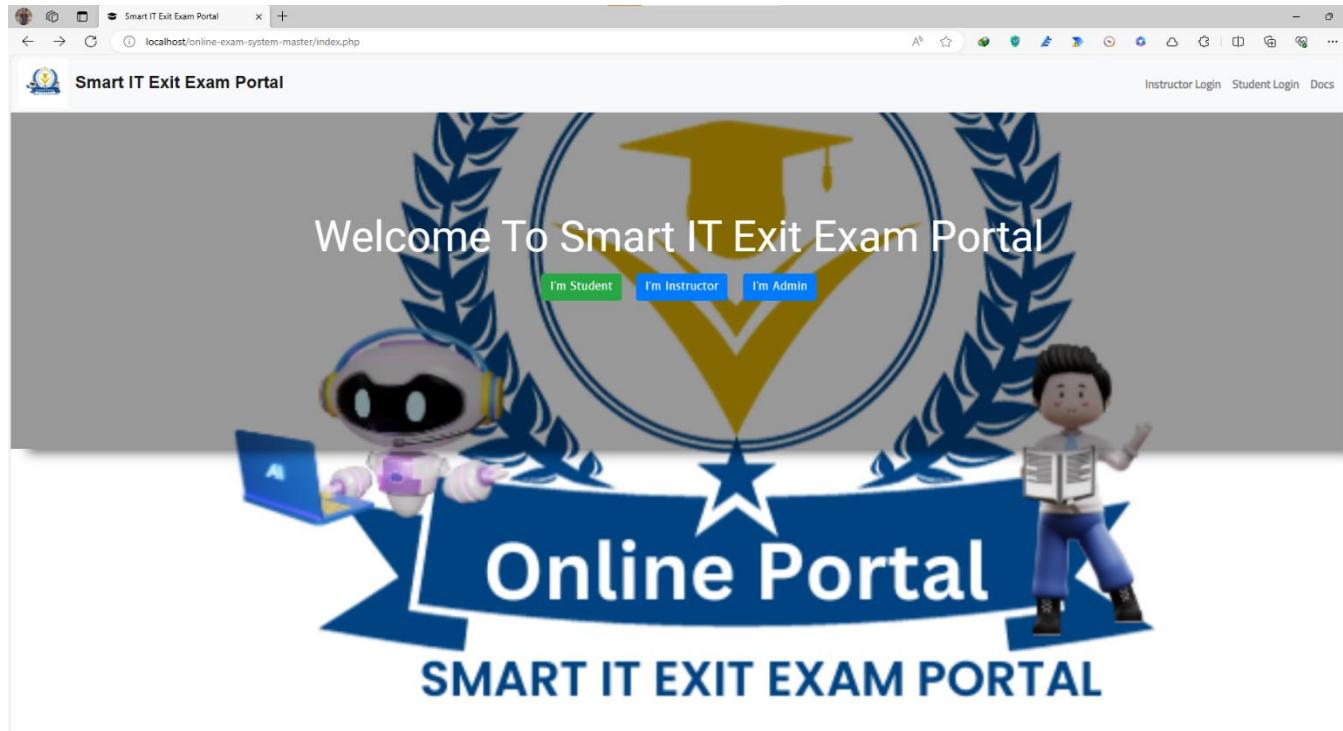
- Exercise internal data structure to assure their validity.

The test case specification for system testing has to be submitted for review before system testing commences.

Output screens

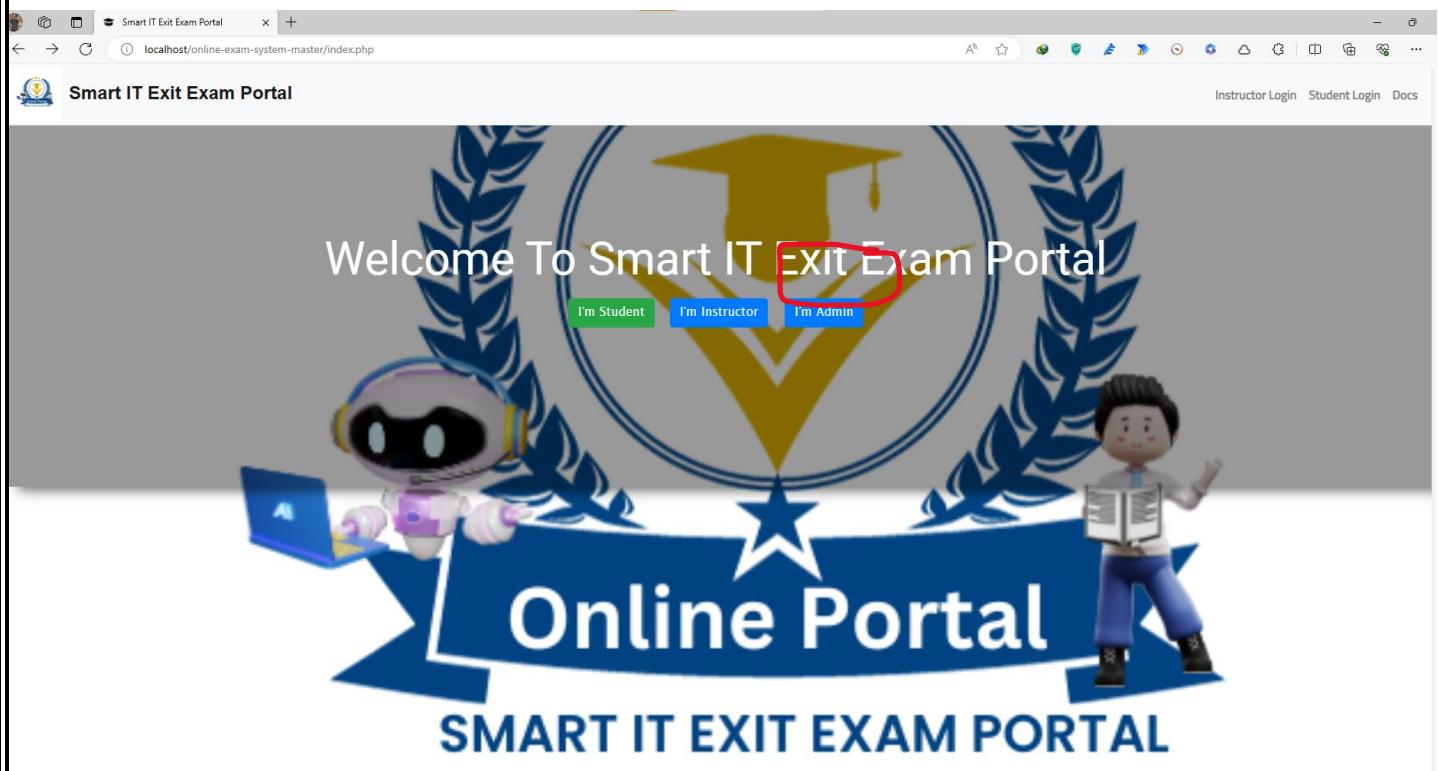


Smart IT Exit Exam Portal



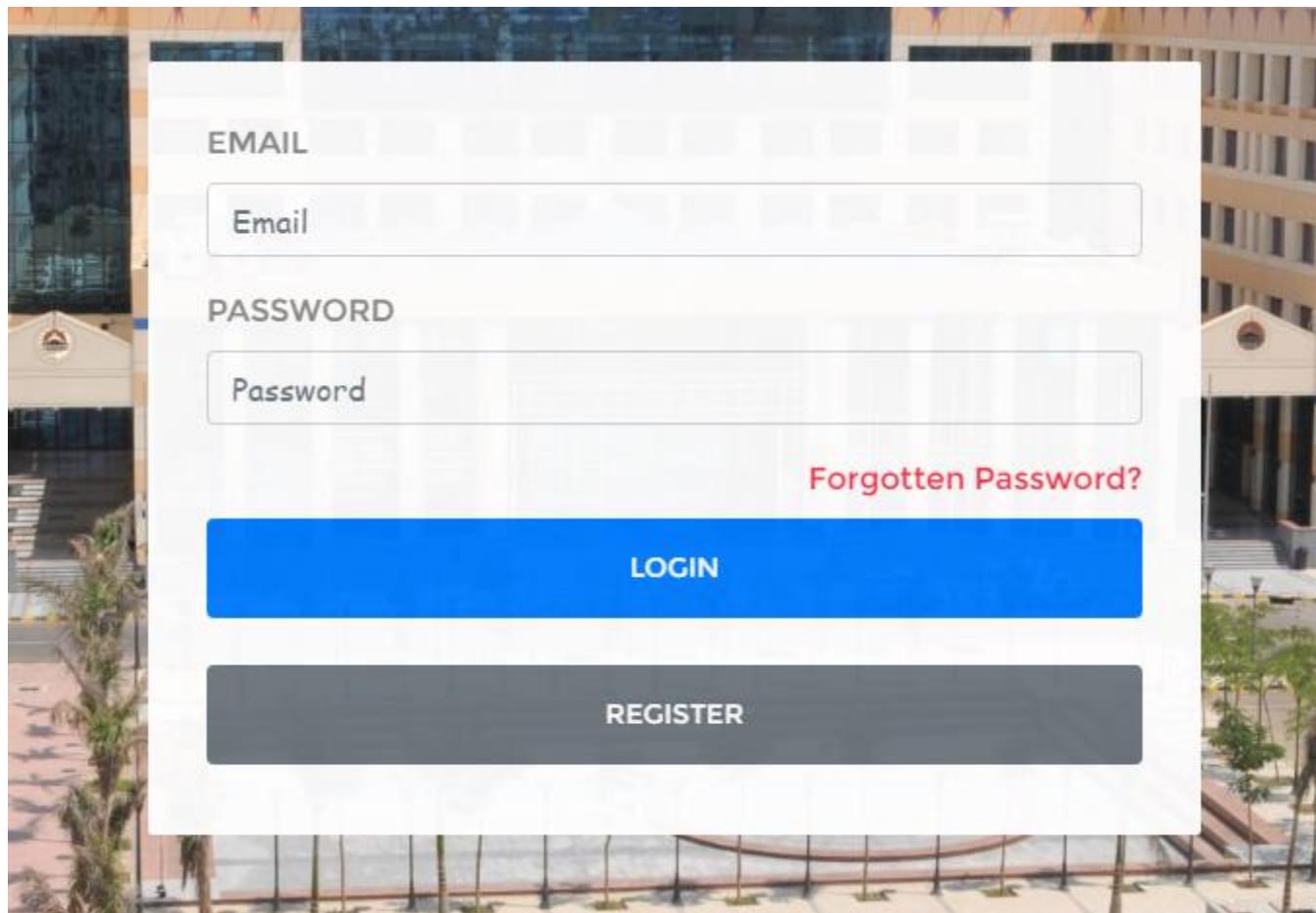
Home page

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User ADMIN Login

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Entering Page Login Of Admin

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The screenshot shows a dark-themed web application interface. At the top, there is a navigation bar with links for 'Instructors', 'Students', 'Results', and user-specific options like 'Hello System Administrator', 'Profile', and 'Logout'. Below the navigation bar are two separate form panels.

Update Information

Name	System Administrator
Email Address	06uonlineexam@gmail.com
Phone Number	[Empty]

Update Password

New Password	Enter New Password...
Retype New Password	Retype New Password...

Action Buttons:

- A blue 'Update' button located at the bottom left of the 'Update Information' panel.
- A blue 'Update' button located at the bottom right of the 'Update Password' panel.

Profile of Admin Page

Smart It Exit Exam Portal

EMAIL ADDRESS

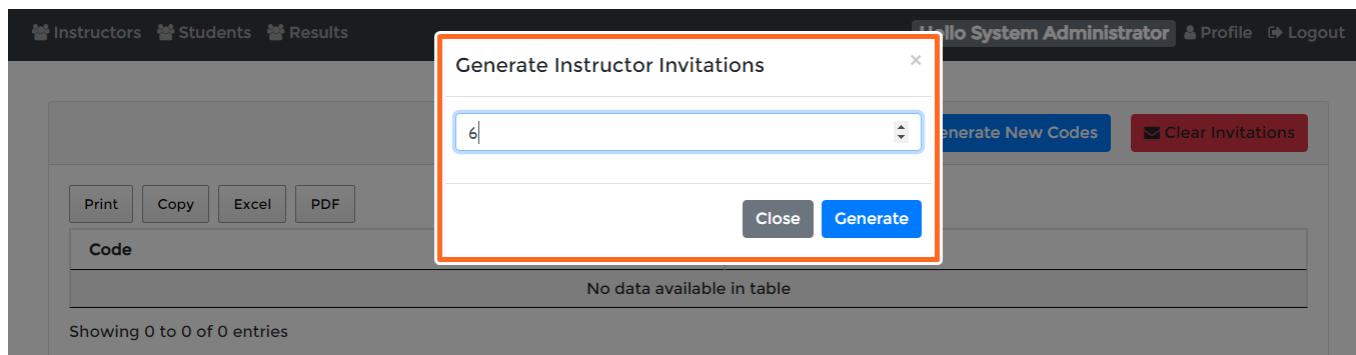
Email

SUBMIT

Forgot Password Page

User write his email and send him a code to make rest password

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Add Number Of Code

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The screenshot shows a user interface for generating and managing invitation codes. At the top, there are navigation links for Instructors, Students, and Results, along with a greeting for 'Hello System Administrator' and links for Profile and Logout. Below this is a toolbar with buttons for Print, Copy, Excel, PDF, Generate New Codes (blue), and Clear Invitations (red). A table lists six generated codes, each with a corresponding URL. The URL for the sixth code, '2601052306', is highlighted with a red box. The table has columns for 'Code' and 'Link'. At the bottom, it says 'Showing 1 to 6 of 6 entries'.

Code	Link
1471736491	http://www.o6uexam.online/instructor/?register&invite=1471736491
3494636863	http://www.o6uexam.online/instructor/?register&invite=3494636863
3068888877	http://www.o6uexam.online/instructor/?register&invite=3068888877
1091312478	http://www.o6uexam.online/instructor/?register&invite=1091312478
2601052306	http://www.o6uexam.online/instructor/?register&invite=2601052306
3914708038	http://www.o6uexam.online/instructor/?register&invite=3914708038

You Can Print or Copy Or Make Pdf Or Excel Sheet For The Codes Or Copy The Like
You Can Remove Code Invitation

Smart It Exit Exam Portal

Hello System Administrator

Instructor General

Search:

	Status
Active	Active

Add New Instructor

Full Name:

Email Address:

Phone Number:

Password:

Close Add

Add Instructors Form

Manage Students

Add Students

Instructors Students Results Hello System Administrator Profile Logout

All Registered Students

Print Search:

ID	Name	Email	Phone Number	Status	-	-	-
201703055	Ahmed Mostafa Mahmoud	amostafataha499@gmail.com	01016122681	Active	∅ Suspend	Remove	View All Results
201703099	Ahmed Mostafa Taha	amostafataha455@gmail.com	01061379122	Active	∅ Suspend	Remove	View All Results
201706924	Ahmed hesham Mahmoud	ahmedhisham144@gmail.com	01141023144	Active	∅ Suspend	Remove	View All Results

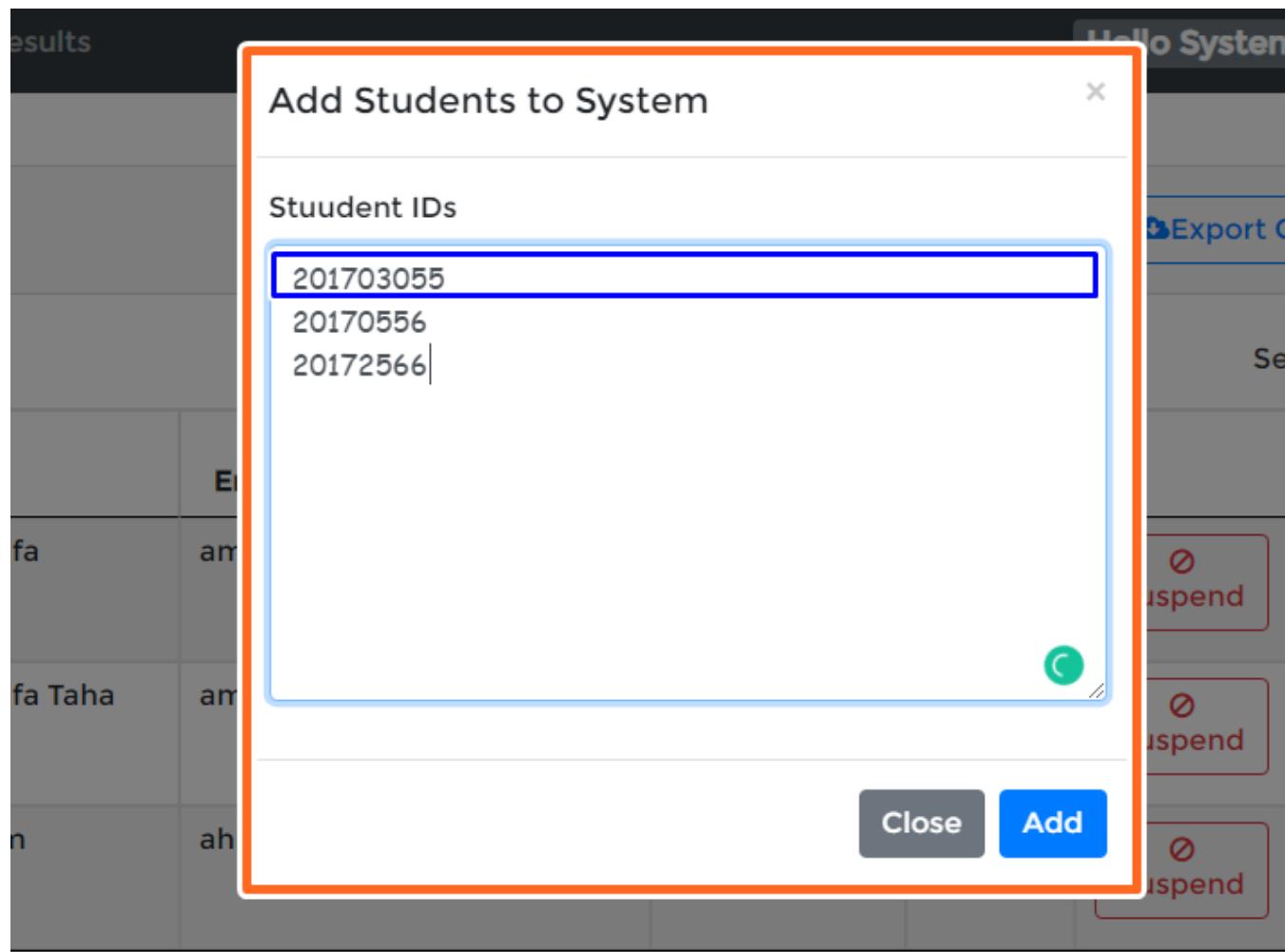
Showing 1 to 3 of 3 entries

Smart It Exit Exam Portal

The screenshot shows a dark-themed web application header with navigation links: 'Instructors', 'Students', 'Results', 'Hello System Administrator', 'Profile', and 'Logout'. Below the header, a light-colored section titled 'All Registered Students' contains three buttons: a green-bordered 'Insert Student IDs' button with a plus sign icon, a blue 'Export CSV' button with a CSV icon, and a blue 'Unregistered Students' button with a user icon.

Insert Students by id

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Insert student by id form label

Smart It Exit Exam Portal

All Registered Students	+Insert Student IDs	Export CSV	👤 Unregistered Students
-------------------------	-------------------------------------	----------------------------	---

Student unregistered when admin delete from real students

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Total Of Student deleted can I back them again

UnRegistered Students		Back to Students
Print	Search: <input type="text"/>	
ID	-	
20170556		Remove
20172566		Remove
201703077		Remove

Showing 1 to 3 of 3 entries

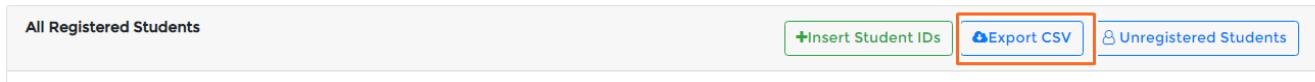
Smart It Exit Exam Portal

All Registered Students						+Insert Student IDs	Export CSV	Unregistered Students
						Print	Search:	
ID	Name	Email	Phone Number	Status	-	-	-	
201703055	Ahmed Mostafa Mahmoud	amostafataha499@gmail.com	01016122681	Active	∅ Suspend	✖ Remove	View All Results	
201703099	Ahmed Mostafa Taha	amostafataha455@gmail.com	01061379122	Active	∅ Suspend	✖ Remove	View All Results	
201706924	Ahmed hesham Mahmoud	ahmedhisham144@gmail.com	01141023144	Active	∅ Suspend	✖ Remove	View All Results	

Showing 1 to 3 of 3 entries

Students Have Informations You Can Delete Him Or Active Or Suspend

Smart It Exit Exam Portal



B9	A	B	C	D	E	F	G	H	I	J
1	student ID	Name	Email Address	Phone Number						
2	201703055	Ahmed Mostafa Mahmoud	amostafataha499@gmail.com	1016122681						
3	201703099	Ahmed Mostafa Taha	amostafataha455@gmail.com	1061379122						
4	201706924	Ahmed hesham Mahmoud	ahmedhisham144@gmail.com	1141023144						
5										
6										
7										
8										
9										
10										
11										

Can Export Students

Smart It Exit Exam Portal

All Registered Students							+Insert Student IDs	Export CSV	Unregistered Students
							Print	Search:	
ID	Name	Email	Phone Number	Status	-	-	-	-	
201703055	Ahmed Mostafa Mahmoud	amostafataha499@gmail.com	01016122681	Active	Suspend	Remove	View All Results		
201703099	Ahmed Mostafa Taha	amostafataha455@gmail.com	01061379122	Active	Suspend	Remove	View All Results		
201706924	Ahmed hesham Mahmoud	ahmedhisham144@gmail.com	01141023144	Active	Suspend	Remove	View All Results		

Showing 1 to 3 of 3 entries

Results									
		Copy	Excel	PDF	Print	Search:			
Student	Student ID	Date	IP Address	Host Name	Grade	Percent	-		
Ahmed Mostafa Taha	201703099	Copy of Quize 3	2020-05-15 01:35:10	197.37.40.86	host-197.37.40.86.tedata.net	0 / 0	0%	Details	
Ahmed Mostafa Mahmoud	201703055	Copy of Quize 3	2020-05-15 01:33:06	197.37.40.86	host-197.37.40.86.tedata.net	18 / 19	95%	Details	
Ahmed Mostafa Mahmoud	201703055	Quize 3	2020-05-12 01:31:52	197.37.60.126	host-197.37.60.126.tedata.net	18 / 19	95%	Details	
Ahmed Mostafa Mahmoud	201703055	Quize 2	2020-05-12 00:38:20	197.37.60.126	host-197.37.60.126.tedata.net	16 / 19	84%	Details	
Ahmed Mostafa Taha	201703099	Quize 2	2020-05-11 06:26:35	197.37.233.21	host-197.37.233.21.tedata.net	0 / 11	0%	Details	
Ahmed Mostafa Mahmoud	201703055	Quize 1	2020-05-10 00:08:23	197.37.178.192	host-197.37.178.192.tedata.net	12 / 18	67%	Details	

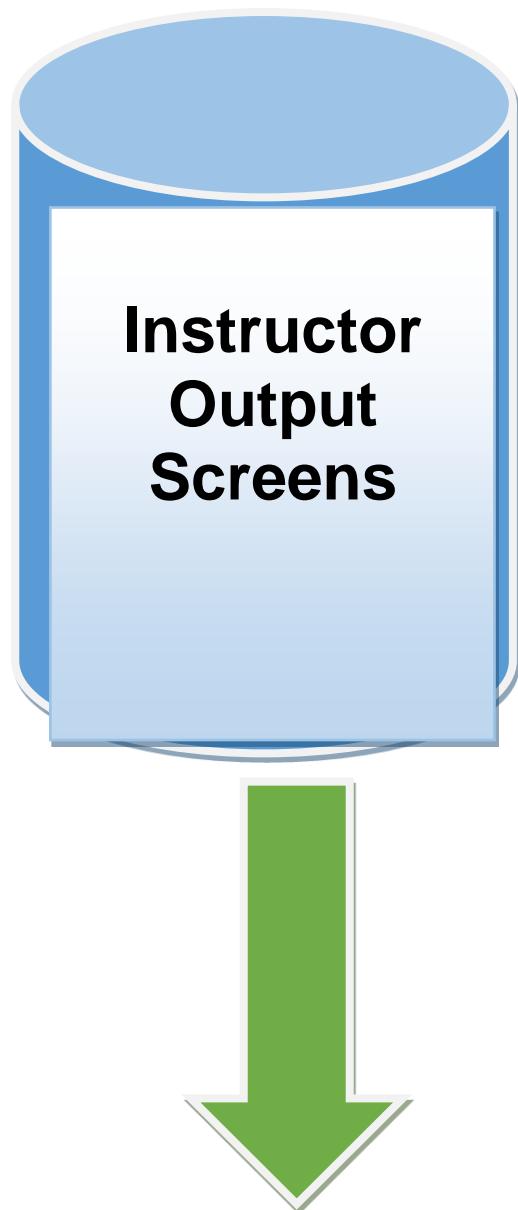
Can View The Result of Each Student

Smart It Exit Exam Portal

All Registered Students							+Insert Student IDs	Export CSV	Unregistered Students
							Print	Search:	
ID	Name	Email	Phone Number	Status	-	-	-	-	
201703055	Ahmed Mostafa Mahmoud	amostafataha499@gmail.com	01016122681	Active	∅ Suspend	✖ Remove	View All Results		
201703099	Ahmed Mostafa Taha	amostafataha455@gmail.com	01061379122	Active	∅ Suspend	✖ Remove	View All Results		
201706924	Ahmed hesham Mahmoud	ahmedhisham144@gmail.com	01141023144	Active	∅ Suspend	✖ Remove	View All Results		

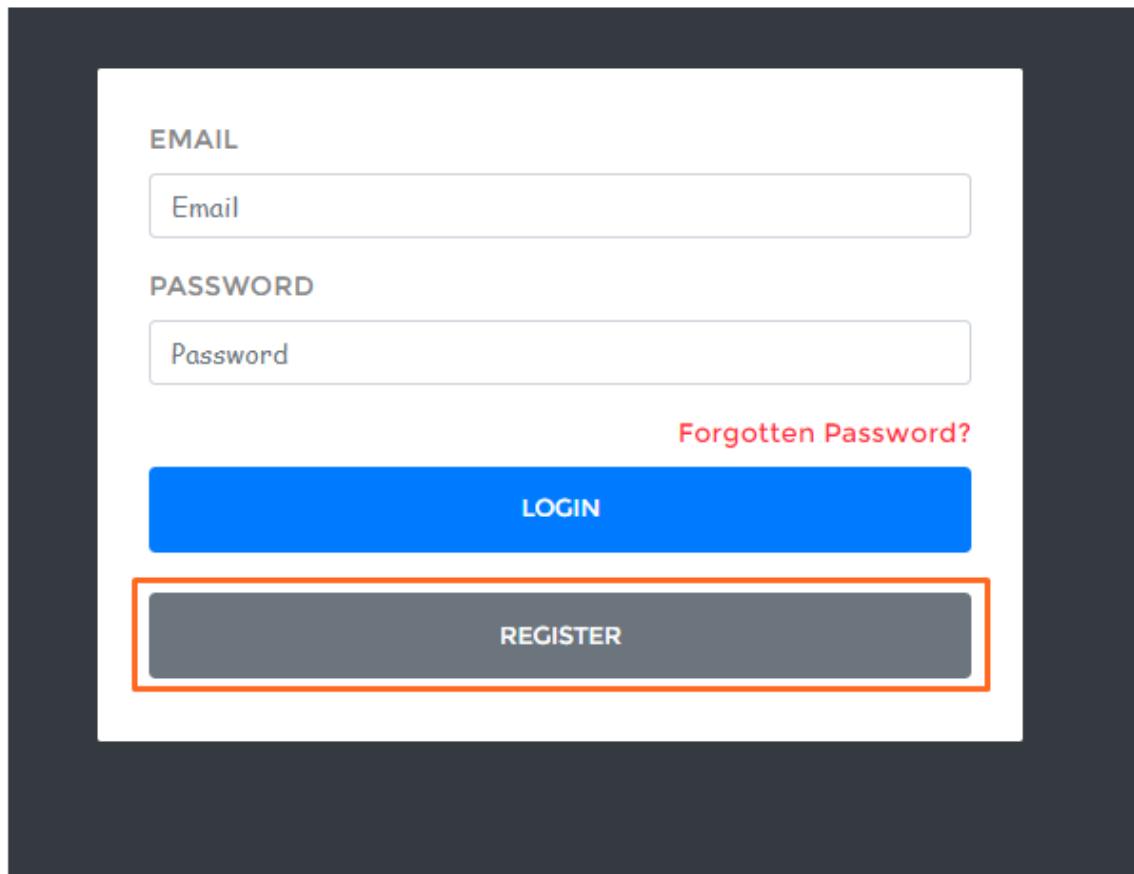
Showing 1 to 3 of 3 entries

Admin Can active and suspend or remove students



Instructor Page Login / Registration

The Instructor Login & Registration And Will Start Register

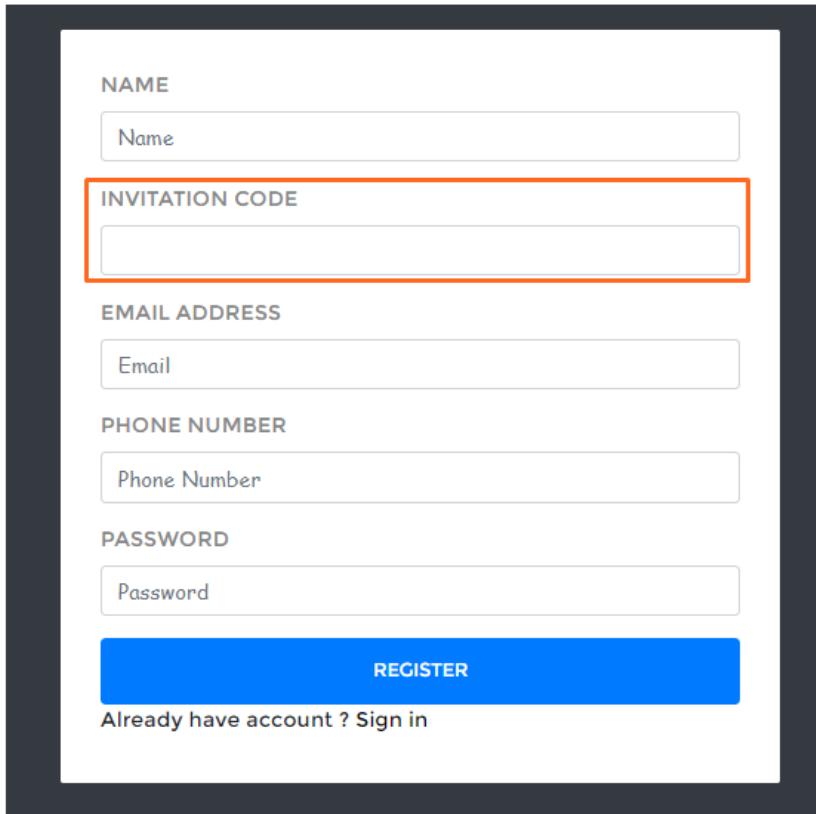


A screenshot of a mobile-style login and registration form. The background is dark grey. The form itself is white with rounded corners. At the top left, it says "EMAIL" in a small grey font. Below it is a light blue rectangular input field with the placeholder "Email". To the right of the input field is a red link that says "Forgotten Password?". Below the email field is another light blue rectangular input field with the placeholder "Password". At the bottom of the form is a large blue rectangular button with the word "LOGIN" in white capital letters. Below the login button is a grey rectangular button with the word "REGISTER" in white capital letters. The "REGISTER" button is outlined with a thick orange border.

Smart It Exit Exam Portal

Instructor Registration

You Can Register to the Online Exam and Full Your Data But you Can't Create Account Without Invitation Code From Admin



The form consists of several input fields and a central button. The fields are labeled: NAME, INVITATION CODE, EMAIL ADDRESS, PHONE NUMBER, and PASSWORD. The INVITATION CODE field is highlighted with a red border. Below the fields is a large blue button labeled "REGISTER". At the bottom left, there is a link "Already have account ? Sign in".

NAME

INVITATION CODE

EMAIL ADDRESS

PHONE NUMBER

PASSWORD

REGISTER

Already have account ? [Sign in](#)

Smart It Exit Exam Portal

Full Your Data And Now Can Login

NAME

INVITATION CODE

EMAIL ADDRESS

PHONE NUMBER

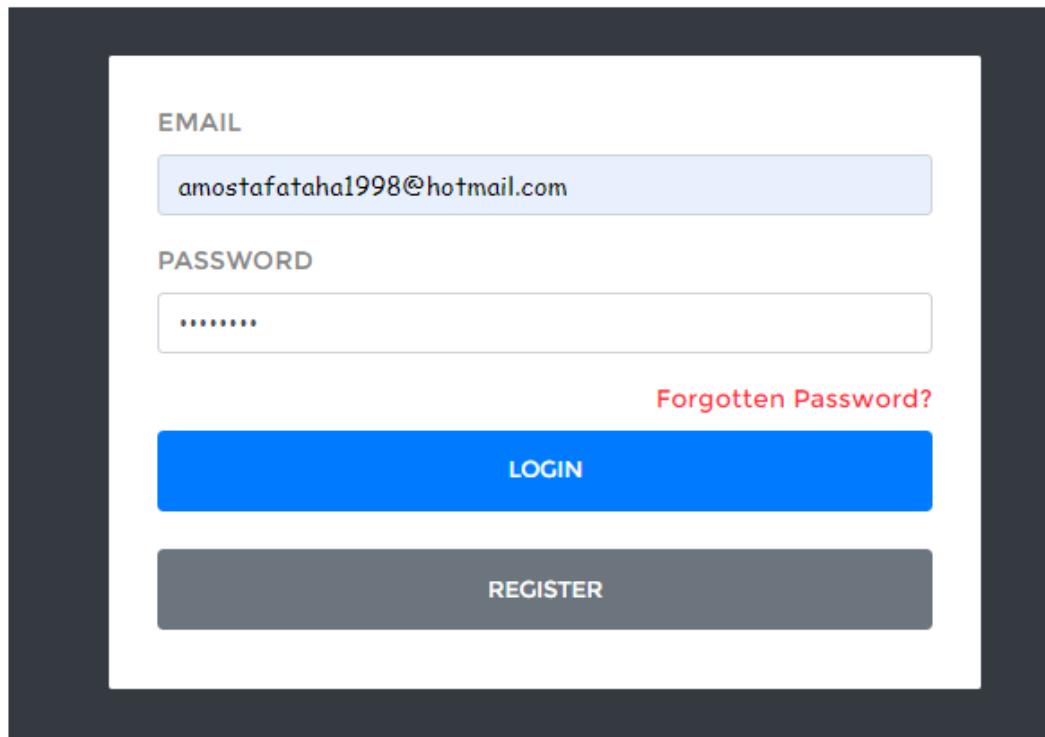
PASSWORD

REGISTER

Already have account ? [Sign in](#)

Instructor Login

You Can Login With Your Email And Password



The image shows a login form for an instructor. It features a dark gray background with a white central input area. At the top left, there is a label "EMAIL" above an input field containing the email address "amostafataha1998@hotmail.com". Below it is a label "PASSWORD" above an input field showing five dots. In the center of the white area, there is a red link labeled "Forgotten Password?". At the bottom left is a blue "LOGIN" button, and at the bottom right is a gray "REGISTER" button.

Smart It Exit Exam Portal

Instructor Forgotten Password

The image displays two side-by-side screenshots of a password recovery interface for an 'Instructor Forgotten Password' feature.

Left Screenshot: This is a full-login form. It includes fields for 'EMAIL' (containing 'amostafataha1998@hotmail.com') and 'PASSWORD'. Below these is a red-bordered button labeled 'Forgotten Password?'. At the bottom are two buttons: a blue 'LOGIN' button and a grey 'REGISTER' button.

Right Screenshot: This is a simplified form. It has a single input field labeled 'EMAIL ADDRESS' containing the same email address ('amostafataha1998@hotmail.com'). Below this is a large blue 'SUBMIT' button, which is highlighted with an orange border.

Smart It Exit Exam Portal

Please Check Your Email Because The Reset Message Will Be Sent After 2 Minutes

The image shows a screenshot of a web-based login portal. At the top, there is a green header bar with the text "Reset Email will be sent in 2 minutes". Below this, the main form area has a dark grey background. It contains two input fields: one for "EMAIL" and one for "PASSWORD", both with placeholder text ("Email" and "Password"). To the right of the password field is a red link labeled "Forgotten Password?". Below the input fields are two large buttons: a blue "LOGIN" button and a grey "REGISTER" button.

Reset Email will be sent in 2 minutes

EMAIL

Email

PASSWORD

Password

[Forgotten Password?](#)

LOGIN

REGISTER

Smart It Exit Exam Portal

Home Page

the Home Page Has the Statistics of the Results And You can Edit Your Profile

The screenshot shows the Home Page of the Smart It Exit Exam Portal. At the top, there is a navigation bar with links: Home, Groups, Courses, Questions, Tests, Results, Students, Hello Ahmed Mostafa Mahmoud, Profile (which is highlighted with a red box), and Logout.

Below the navigation bar, there are three main sections:

- Latest Results:** A table with columns: #, Test, Student, and Time.
- Most Active Tests:** A table with columns: #, Test, Course, and Taken (times).
- Top Results:** A table with columns: #, Test, Student, and Precent (%).

Profile

You Can Update Your Information And Password

The screenshot shows the Profile page of the Smart It Exit Exam Portal. At the top, there is a navigation bar with links: Home, Groups, Courses, Questions, Tests, Results, Students, Hello Ahmed Mostafa Mahmoud, Profile (which is highlighted with a red box), and Logout.

Below the navigation bar, there are two main sections:

- Update Information:** Form fields for Name (Ahmed Mostafa Mahmoud), Email Address (amostafataha1998@hotmail.com), and Phone Number (01016122681). A blue "Update" button is at the bottom.
- Update Password:** Form fields for New Password (Enter New Password...) and Retype New Password (Retype New Password...). A blue "Update" button is at the bottom.

Smart It Exit Exam Portal

You Can Invite Students To the Group With Two way the First Way Add The Students ID Each ID in Line But Should The Admin Insert The IDS in the System

The screenshot shows a table with the following columns: Name, Members, Results, Invitations, Members, Delete, and Update. The 'Invitations' column for 'section A' is highlighted with a red border. Below the table, there are buttons for Print, Copy, Excel, PDF, and a row of buttons for Add Students, Generate New Codes, and Clear Invitations.

Name	Members	Results	Invitations	Members	Delete	Update
section A	0					

Showing 1 to 1 of 1 entries

Print Copy Excel PDF

+ Add Students + Generate New Codes Clear Invitations

The screenshot shows a modal dialog titled 'Add Students to Group'. Inside, there is a list of student IDs: 20170306, 2017652, 20175263, 20165879, 20146987, 201703055, and 201703066. At the bottom of the dialog are 'Close' and 'Add' buttons. The entire dialog is highlighted with a red border.

Student IDs

- 20170306
- 2017652
- 20175263
- 20165879
- 20146987
- 201703055
- 201703066

Close Add

Smart It Exit Exam Portal

Check The Students In the System Or Not

Adding Students to Group	
ID	Status
20170306	Doesn't Exist in system
20176652	Doesn't Exist in system
20175263	Doesn't Exist in system
20165879	Doesn't Exist in system
20146987	Doesn't Exist in system
201703055	Added
201703066	Added

Now The Students Join To the Group But they Are Not Register And You Can Remove Him From Group

Group Members						Back To Groups
Show 10 entries					Search:	
ID	Name	Email	Phone Number	joinDate	Registered	-
201703055				2020-05-09 05:10:16	No	 Remove
201703066				2020-05-09 05:10:16	No	 Remove

Showing 1 to 2 of 2 entries

Previous [1](#) Next

Smart It Exit Exam Portal

The Second Way Generate Invitation Code And Give the Codes to Students To assign to Group

This screenshot shows the portal's interface for generating group invitations. At the top, there's a navigation bar with links for Home, Groups, Courses, Questions, Tests, Results, and Students. The user is identified as "Hello Ahmed Mostafa Mahmoud". Below the navigation, there are buttons for "+ Add Students", "+ Generate New Codes" (which is highlighted with a red border), and "Clear Invitations". There are also buttons for Print, Copy, Excel, and PDF. A table below shows columns for #, Group, and Invite Code. A message indicates "No data available in table". At the bottom left, it says "Showing 0 to 0 of 0 entries".

Write The Name Descripe The Invitation And The Number Of Codes

This screenshot shows the "Generate Group Invitations" dialog box overlaid on the main portal interface. The dialog has fields for "section A invitation" (containing "section A invitation") and a dropdown menu set to "3". It includes "Close" and "Generate" buttons. The main portal background is visible, showing the same navigation and user information as the first screenshot.

Smart It Exit Exam Portal

The Students Are Register To the System

Group Members							Back To Groups
Show 10 entries							Search:
ID	Name	Email	Phone Number	joinDate	Registered	-	
201703055	Ahmed Mostafa Mahmoud	amostafataha499@gmail.com	01016122681	2020-05-09 05:10:16	Yes	Remove	
201703066	ahmed mohamed ahmeed	ahmed123@yahoo.com	01011979133	2020-05-09 05:10:16	Yes	Remove	

Showing 1 to 2 of 2 entries

Previous 1 Next

The Codes Are Generate And You Can Print or copy or Make a PDF or Excel Sheet and Clear All Codes or Individual Code

Print Copy Excel PDF			+ Add Students	+ Generate New Codes	Clear Invitations
#	Group	Invite Code	-		
1	section A	section A invituation852300040	Delete This Code		
2	section A	section A invituation1866477229	Delete This Code		
3	section A	section A invituation3198246917	Delete This Code		

Showing 1 to 3 of 3 entries

Smart It Exit Exam Portal

You Can Show The Results Of Group And Memers And Update The Name Of Group But You Can't Delete It if You Has a Member

You Can Show The Results Of Group And Memers And Update The Name Of Group But You Can't Delete It if You Has a Member

Groups						
		Actions				
Name	Members	Results	Invitations	Members	Delete	Update
section A	2					
Showing 1 to 1 of 1 entries						
Previous			1	Next		

Courses:

Course and Topic are used to organize your Questions and Tests. Each time you create a new Question or Test you will be prompted to set a Course Create and manage your Courses under Tests / Courses, or create new Courses on the fly wherever you see a 'New Courses' link.

Tip: Courses are particularly useful when you want to create a Test using Randomly selected Questions. Adding Randomly selected Questions means Questions are automatically selected from specified Courses within your Question Bank. Each time the Test is taken, a different set of Questions is displayed.

Smart It Exit Exam Portal

Create the New Course

Courses

Show 10 entries

+New Topic +New Course

Name	Tests	Questions	Topics	-	-
No data available in table					

Showing 0 to 0 of 0 entries

Previous Next

Write the Name of The Course and Submit

Home Groups Courses Questions Tests Results Students Hello Ahmed Mostafa Mahmoud Profile Logout

Create Course

Security

+New Topic +New Course

Show 10 entries

Submit

No data available in table

Topics

Showing 0 to 0 of 0 entries

Previous Next

Smart It Exit Exam Portal

Create the New Topic

Success Course Added successfully

Courses					+New Topic	+New Course
Show 10 entries					Search:	
Name	Tests	Questions	Topics	-	-	
Security	0	0	0	Update	Delete	
Showing 1 to 1 of 1 entries						
					Previous	1 Next

Write the Name of The Topic and Choose the Courses

Success Course Added successfully

Create Topic

chapter 1

Course

Security

Submit

Courses					+New Topic	+New Course
Show 10 entries					Search:	
Name	Tests	Questions	Topics	-	-	
Security	0	0	0	Update	Delete	
Showing 1 to 1 of 1 entries					Previous	1 Next

Smart It Exit Exam Portal

You Can Delete And Update the Topic and update Courses But You Can't Delete the Courses If it Has a topic You should Delete the Topic First

Courses					+New Topic	+New Course
Show 10 entries					Search:	
Name	Tests	Questions	Topics	-	-	-
Security	0	0	1	Update	Delete	
chapter 1	0	0		Update	Delete	

Showing 1 to 2 of 2 entries

Previous 1 Next

You Can Show The Tests And Questions And the Number of Topics of the Course

Courses					+New Topic	+New Course
Show 10 entries					Search:	
Name	Tests	Questions	Topics	-	-	-
Security	0	0	0	Update	Delete	

Showing 1 to 1 of 1 entries

Previous 1 Next

You Can Show The Tests And Questions And the Number of Topics of the Course

You Can Delete And Update the Topic and update Courses But You Can't Delete the Courses If it Has a topic You should Delete the Topic First

Questions

All Questions you add to your account will reside in your 'Question Bank'.

- You can edit Questions at any time and changes will be seen immediately.
- Your Tests will reference their Questions from your Question bank.
- Questions can be re-used across multiple Tests.
- You can add new Questions directly to your Questions bank OR when adding new Questions to your Tests, these Questions are automatically added to your Question bank for you

Go to Your Question And Chooses Add Questions

The screenshot shows a user interface for managing questions. At the top, there is a navigation bar with links for Home, Groups, Courses, Questions (which is highlighted with a red box), Tests, Results, Students, and a user profile. Below the navigation bar is a search bar with the placeholder 'Hello Ahmed Mostafa Mahmoud'. On the right side of the header are 'Profile' and 'Logout' buttons. The main content area is titled 'Questions' and contains a table with three columns: 'Question', 'All Topics', and 'Type'. The table is currently empty, displaying the message 'No data available in table'. At the bottom of the table, it says 'Showing 0 to 0 of 0 entries'. To the right of the table are 'Previous' and 'Next' buttons. At the top right of the main area, there are three buttons: '+Add New Question' (highlighted with a red box), 'Import/Export', and 'Trash'.

Choose the Topic And the Type Of Questions

The screenshot shows a 'Add New Question' form. At the top, it says 'Add New Question'. Below that, there is a 'Topic' dropdown menu which has 'chapter 1' selected. A red box highlights this dropdown. Below the dropdown is a 'Question Text' field with a rich text editor toolbar above it. The toolbar includes various icons for bold, italic, underline, font style, size, alignment, and other text formatting options. At the bottom of the form, there is a section titled 'Question Type' with six icons: 'Multiple Choice' (highlighted with a red box), 'Multiple Select', 'True/False', 'Complete', 'Matching', and 'Essay'.

Smart It Exit Exam Portal

- Multiple Choice choose the One Answer As correct , You Can Add More Answer and Delete it , You Chooses the Difficulty Level of the Questions and Insert the Point Of the Question

Add New Question

Topic	chapter 1
Question Text	
Question Type	
Answers	<p><input type="radio"/> Correct Answer</p> <p><input type="radio"/> Correct Answer</p> <p><input checked="" type="radio"/> Correct Answer</p>
Difficulty Level	Easy
Points	1

[+ Add More Answers](#)

[+ Add Question](#)

Smart It Exit Exam Portal

- MULTiple Select choose One Or More Answrs As Correct , You Can Add More Answer and Delete it , You Chooses the Difficulty Level of the Questions and Insert the Point Of the Question

Add New Question

Topic: chapter 1

Question Text:

Question Type:

Answers:

Correct Answer:

Correct Answer:

Correct Answer:

Correct Answer:

Difficulty Level: Easy

Points: 1

+ Add More Answers

+ Add Question

Smart It Exit Exam Portal

- True And False Choose Which Are Correct ,You Can Add More Answer and Delete it , You Chooses the Difficulty Level of the Questions and Insert the Point Of the Question

Add New Question

Topic: chapter 1

Question Text:

Question Type:

Answers:

Difficulty Level: Easy

Points: 1

+ Add Question

Multiple Choice Multiple Select **True/False** Complete Matching Essay

Smart It Exit Exam Portal

- Complete: Write the Correct one Answer or More ,You Can And More Answer and Delete it , You Chooses the Difficulty Level of the Questions and Insert the Point Of the Question

Add New Question

Topic	chapter 1
Question Text	<input type="text"/> B U sans-serif I H E Q C S V Σ f ∞ ∂ n U X' X,
Question Type	     
Answers	<input type="text"/> Answer 1 <input type="text"/> Answer 2 + Add More Answers
Difficulty Level	Easy
Points	1
+ Add Question	

- Complete: Write the Correct one Answer or More ,You Can And More Answer and Delete it , You Chooses the Difficulty Level of the Questions and Insert the Point Of the Question

Smart It Exit Exam Portal

- Matching Write the Answer For Each one And Choose the Dgree For Each One ,You Can And More Answer and Delete it , You Chooses the Difficulty Level of the Questions and Insert the Point Of the Question

Add New Question

Topic: chapter 1

Question Text:

Question Type:

Answers:

Clue A	→	Match A	1	
Clue B	→	Match B	1	
Clue C	→	Match C	1	
Clue D	→	Match D	1	

+ Add More Answers

Difficulty Level: Easy

+ Add Question

The screenshot shows a user interface for creating a new question. At the top, there's a header 'Add New Question'. Below it, a 'Topic' dropdown is set to 'chapter 1'. Under 'Question Text', there's a rich text editor toolbar with various icons for bold, italic, underline, font style, and size. The 'Question Type' section contains several options: 'Multiple Choice', 'Multiple Select', 'True/False', 'Complete', 'Matching' (which is highlighted in blue), and 'Essay'. The 'Answers' section displays four pairs of clues and matches, each with a point value of '1' and a delete icon. Below this is a button '+ Add More Answers'. In the 'Difficulty Level' section, 'Easy' is selected. At the bottom, there's a large blue button '+ Add Question'.

Smart It Exit Exam Portal

- Essay Write The Question Only And choose the Dgree Without Answers The Instructor is Correct the Question Manually And Insert The Dgree of the Question But Can't More than The Dgree it Will Selected In Question

Add New Question

Topic: chapter I

Question Text:

Question Type:

You will have to manually check the answer and decide to accept it or not.

Difficulty Level: Easy

Points: 1

[+ Add Question](#)

The screenshot shows a web-based application for creating exam questions. At the top, there's a header 'Add New Question'. Below it, a 'Topic' field contains 'chapter I'. Under 'Question Text', there's a rich text editor toolbar with various icons for bold, italic, underline, font style, and size. A note below says 'You will have to manually check the answer and decide to accept it or not.' The 'Question Type' section features several icons: 'Multiple Choice', 'Multiple Select', 'True/False', 'Complete', 'Matching', and 'Essay', with 'Essay' being highlighted in blue. Below these are 'Difficulty Level' (set to 'Easy') and 'Points' (set to '1'). At the bottom is a large blue button with the text '+ Add Question'.

Smart It Exit Exam Portal

- You Must Follow The Template in order to import questions: Click To Download Template And Choose the Topic
- To Export Question Choose the Topic And Submit

Import And Export the Questions

Tip You Can't Export and Import The Picture

Questions	+Add New Question	Import/Export	Trash
Show 10 entries		Search:	

- You Must Follow The Template in order to import questions: Click To Download Template And Choose the Topic
- To Export Question Choose the Topic And Submit

Import Questions To Database

You Must Follow The Template in order to import questions:
[Click To Download Template](#)

Choose file Browse

Topic

Submit

Export Questions

Topic

Submit

Smart It Exit Exam Portal

Can Edit Your Questions Types and add more answers and edit correct answer

[Edit Question](#)

Question

Update Question

Which one of the following modes of operation in DES is used for operating short data?

Question Type

Multiple Choice

Answers

1: Cipher Feedback Mode (CFB)

2: Cipher Block chaining (CBC)

3: Electronic code book (ECB)

4: Output Feedback Modes (OFB)

+ Add More Answers

The interface includes a toolbar with various text and mathematical symbols, and a sidebar with icons for file operations.

Smart It Exit Exam Portal

Can You Delete Your test Questions and available to restore it again

Questions Trash		Back To Questions Bank	
Show 10 entries	Search:		
Question	All Topics		
4. Which of the following statements are true i) In the CBC mode, the plaintext block is XORed with previous ciphertext block before encryption ii) The CTR mode does not require an Initialization Vector iii) The last block in the CBC mode uses an Initialization Vector iv) In CBC mode repetitions in plaintext do not show up in ciphertext	chapter 1	Restore	Permanently Delete
Showing 1 to 1 of 1 entries			
Previous 1 Next			

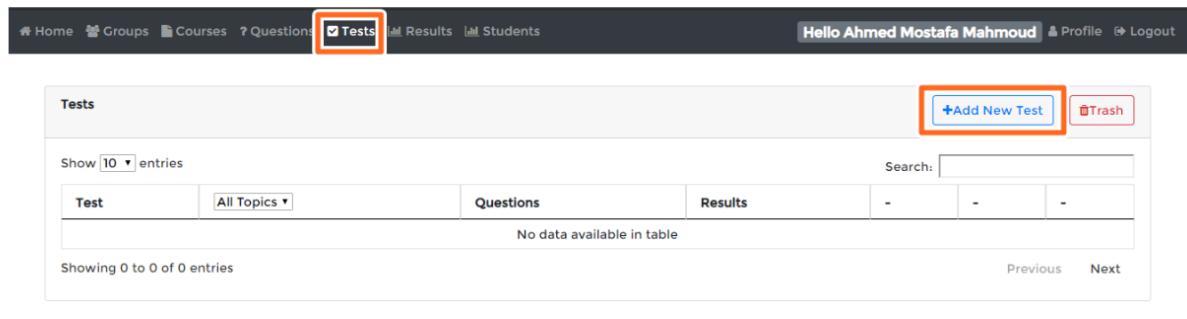
Smart It Exit Exam Portal

Section number 5 of instructor

Test

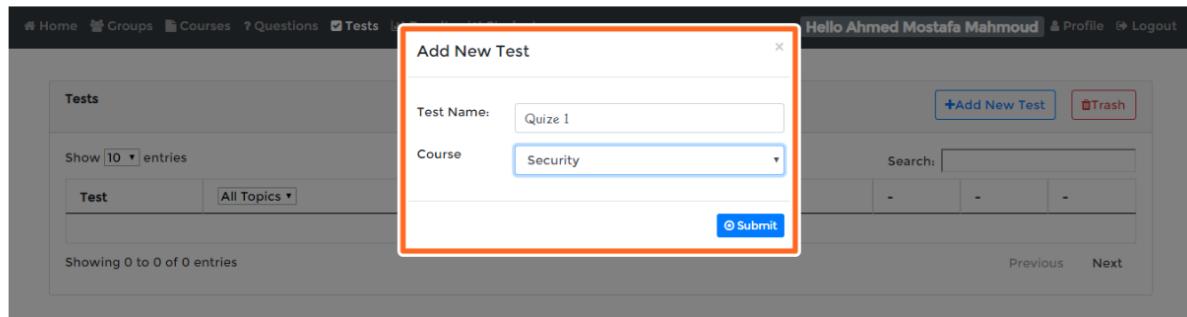
Test

Go To Test And Click To Add New Test



The screenshot shows a user interface for managing tests. At the top, there is a navigation bar with links for Home, Groups, Courses, Questions, Tests, Results, Students, and a user profile. The 'Tests' link is highlighted with a red box. On the right side of the header, it says 'Hello Ahmed Mostafa Mahmoud' and includes Profile and Logout links. Below the header, there is a table titled 'Tests' with columns for Test, All Topics, Questions, and Results. A red box highlights the '+Add New Test' button at the top right of the table area. The table displays a message: 'No data available in table'. At the bottom of the table, it says 'Showing 0 to 0 of 0 entries' and has Previous and Next buttons.

Insert The Test Name And Choose The Course



The screenshot shows a modal dialog box titled 'Add New Test'. Inside the dialog, there are fields for 'Test Name' (containing 'Quize I') and 'Course' (set to 'Security'). A red box highlights the 'Submit' button at the bottom of the dialog. The background of the page shows the same 'Tests' section as the previous screenshot, with the '+Add New Test' button also highlighted with a red box.

Smart It Exit Exam Portal

Click To View To Make a Test

Tests							
					+Add New Test	Trash	
					Show 10 entries	Search:	
Test	All Topics	Questions	Results	-	-	-	
Quize 1	Security	0	0	View	All Results	Delete	

Showing 1 to 1 of 1 entries

Previous 1 Next

The Information Of the Test

Quize 1		Edit	
Test Name: Quize 1	Course: Security	Assigned : 0 Link	Results: 0
Questions: 0 Fixed + 0 Random	Total Points: 0		
 Random Questions: Add 1 Easy Questions From chapter 1 Add			
Test Assigns			
Name	Status	+Assign	

Smart It Exit Exam Portal

Generate The Random Question To Test

You Can Generate The Random Question From Question Bank Choose the Number Of Question And Difficult Level And the Topic

Quize 1 Edit

Test Name: Quize 1 Course: **Security**
Assigned: **0 Link** Results: **0**
Questions: **0 Fixed + 0 Random** Total Points: **0**

Random Questions: Add Easy Questions From chapter 1 Add

Random Questions: Add Hard Questions From chapter 1 Add

Adding 1	Easy	Questions From chapter 1	Remove
Adding 2	Moderate	Questions From chapter 1	Remove
Adding 2	Hard	Questions From chapter 1	Remove

Smart It Exit Exam Portal

Add Fixed Question To Test

You Can Add The Fixed Question From Question Bank

Test Questions

Delete Selected

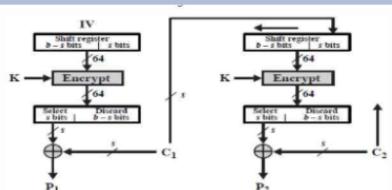
+ Add Fixed Questions

<input type="checkbox"/> Select all	Deselect all					Search:
	Question	Course	Points	Type	Difficulty	
No data available in table						

Showing 0 to 0 of 0 entries

Smart It Exit Exam Portal

When Select Question You Can Show The Number of Question And Total Points

Questions					
You selected		3 Questions			
Total Points		6 Point			
Select all	Deselect all			Search:	
	Question	All Topics ▾	Points	Type	Difficulty
<input checked="" type="checkbox"/>	Which one of the following modes of operation in DES is used for operating short data?	chapter 1	1	Multiple Choise	Easy
<input checked="" type="checkbox"/>	4. Which of the following statements are true <ul style="list-style-type: none"> i) In the CBC mode, the plaintext block is XORed with previous ciphertext block before encryption ii) The CTR mode does not require an Initialization Vector iii) The last block in the CBC mode uses an Initialization Vector iv) In CBC mode repetitions in plaintext do not show up in ciphertext 	chapter 1	3	Multiple Choise	Hard
<input checked="" type="checkbox"/>	What is the Fault in the Above Figure? 	chapter 1	2	Multiple Choise	Moderate
<input type="checkbox"/>	In the DES algorithm, although the key size is 64 bits only 48bits are used for the encryption procedure, the rest are parity bits.	chapter 1	1	True/False	Easy

Smart It Exit Exam Portal

Show The Number of Question And You Have A Repeat in Qusetion Because You Have only Two Hard Question In Question Bank You Shoud Remove A one Hard Question Because You Add It Fixed

Show The Number of Question And You Have A Repeat in Qusetion Because You Have only Two Hard Question In Question Bank You Shoud Remove A one Hard Question Because You Add It Fixed

Quiz 1

Test Name: Quiz 1 Course: Security
Assigned: 0 Link Results: 0 Total Points: 0

Questions: 3 Fixed + 5 Random

Random Questions: Add 1 Easy Questions From chapter 1 Add
Adding 1 Easy Questions From chapter 1 Delete
Adding 2 Moderate Questions From chapter 1 Delete
Adding 1 Hard Questions From chapter 1 Delete

Random Questions: Add 1 Hard Questions From chapter 1 Add
Adding 1 Easy Questions From chapter 1 Delete
Adding 2 Moderate Questions From chapter 1 Delete
Adding 1 Hard Questions From chapter 1 Delete

Smart It Exit Exam Portal

Assign Test

Now You Can Assign The Test

Test Assigns

Name

Status

+Assign

Choose Assign to Link OR Group

Assign Test

 Via Group

Student Registration Required.

Group members will log in via the website where they can access the tests you have assigned to their Group.

[Assign To Group](#)

OR

 Via Link

Student Registration Required.

Create a Link (URL) that can be sent to the students within a specific period of time.

[Assign To Link](#)

Smart It Exit Exam Portal

Assign To Group

Choose The Group To Assign The Test

Assign Test

Via Group

Student Registration Required.

Group members will log in via the website where they can access the tests you have assigned to their Group.

Assign To Group

1) Select Groups
 section A

2) Pre-set settings
 Create New Settings

Next

- Select Start And End Time
- Question Selection To Make a Random Question or Not
- Allow Students Can Return To Previous Question Or Not

Assigning Test To [section A]

Group: section A

Start Time: 05/09/2020 11:42 PM

End Time: 05/09/2020 11:42 PM

Question Selection: Random
 Student Can Return To Previous Question

Test Duration: 30 Minutes

Test Pass Percent: 60

Show Test Answers:

 Don't Show Answers

Send Results To Mail:
 Send To Student Mail
 Send To Instructor Mail

Save

Smart It Exit Exam Portal

- Select The Test Duration But Not More Than The Time Will start and End Test
- Select Test Percent

Assigning Test To [section A]

Group	section A
Start Time	05/09/2020 11:42 PM
End Time	05/09/2020 11:42 PM
Question Selection	<input checked="" type="checkbox"/> Random
<input type="checkbox"/> Student Can Return To Previous Question	
Test Duration	<input type="range" value="30"/> 30 Minutes
Test Pass Percent	60
Show Test Answers	<input type="radio"/> Show Directly After Submit <input type="radio"/> Show After Test Session <input checked="" type="checkbox"/> Don't Show Answers
Send Results To Mail	<input checked="" type="checkbox"/> Send To Student Mail <input checked="" type="checkbox"/> Send To Instructor Mail
<input type="button" value="Save"/>	

Choose One Option To Show The Answer To Students

- Show Answer Directly After Student Make Submite
- Show Answer After The Test Session End
- Don't Show The Answer Yet

Assigning Test To [section A]

Group	section A
Start Time	05/09/2020 11:42 PM
End Time	05/09/2020 11:42 PM
Question Selection	<input checked="" type="checkbox"/> Random
<input type="checkbox"/> Student Can Return To Previous Question	
Test Duration	<input type="range" value="30"/> 30 Minutes
Test Pass Percent	60
Show Test Answers	<input type="radio"/> Show Directly After Submit <input type="radio"/> Show After Test Session <input checked="" type="checkbox"/> Don't Show Answers
Send Results To Mail	<input checked="" type="checkbox"/> Send To Student Mail <input checked="" type="checkbox"/> Send To Instructor Mail
<input type="button" value="Save"/>	

Smart It Exit Exam Portal

Test Assigned To the Group And You Can Remove It If You Want

Groups

Name	Members	-	-	-	-	-	-
section A	2	Results	Invitations	Members	Delete	Update	
Opened	Quize 1	10/05 12:01 AM → 10/05 12:10 AM		5 Minutes	Remove		

The Mail Will Sent Do the Instructor When Students Finish Exam

New Result - O6U EXAM SYSTEM

<O6U Online Exam <support@o6uexam.online | ١٢:١١ ١٠/٥/٢٠٢٠ | EO | ألماني | عرب

... → ⏪ ⏪

..New Test Taken

ahmed mohamed ahmed Just Finished The Test (Quize 1)
Result Is: 11%

[View Result](#)

If that doesn't work, copy and paste the following link in your browser: <http://www.o6uexam.online/instructor/?results&id=39>

If you have any questions, just reply to this email—we're always happy to help out

Assign To Link

Choose The Link To Assign The Test

🔗 Via Link

Student Registration Required.

Create a Link (URL) that can be sent to the students within a specific period of time.

Assign To Link

Use Existing Link's Setting

Create New Link

Next

Smart It Exit Exam Portal

Add The Link Name And Number Of Uses The Link Then Add All Data

Assigning [Quiz 2] To New Link

Link Details

Link Name:	Security Quiz 2
Use Limit:	50

Test Details

Start Time	05/10/2020 2:30 AM
End Time	05/10/2020 2:45 AM
Question Selection	<input checked="" type="checkbox"/> Random <input checked="" type="checkbox"/> Student Can Return to Previous Question
Test Duration	5 Minutes
Test Pass Percent	50
Show Test Answers	<input type="radio"/> Show Directly After Submit <input type="radio"/> Show After Test Session <input checked="" type="radio"/> Don't Show Answers
Send Results To Mail	<input checked="" type="checkbox"/> Send To Student Mail <input checked="" type="checkbox"/> Send To Instructor Mail

Save

The Test Are Available You Can View To Know The Link Details And Copy The Like

Test Assigns

Name	Status	-
Security Quiz 2	Active	View Settings Results Delete

+Assign

Link Details

Link	http://www.o6uexam.online/student/?tests&code=5963CC4011353AD4A60A4A1A	Copy Link
Start Time	2020-05-10 02:30 am	
End Time	2020-05-10 02:45 am	

Test Duration: 5 Minutes

Pass Percent: 50%

Random Selection: Yes

Send To Mail: Yes

OK

Course	Points	Type	Difficult
--------	--------	------	-----------

Smart It Exit Exam Portal

Result

You Can Show The Result Of Students In Group

Groups								+Add New Group
Name	Members	-	-	-	-	-	-	-
section A	2	-	Results	Invitations	Members	Delete	Update	
Closed		Quize 1	10/05 12:01 AM → 10/05 12:10 AM		5 Minutes		Remove	

Results									<input checked="" type="checkbox"/> Answers Needs Review	<input type="checkbox"/> Unsubmitted Results	
		Student ID	All Tests ▾	Date	IP Address	Host Name	Grade	Percent	-	Search:	
ahmed mohamed ahmeed		201703066	Quize 1	2020-05-10 00:09:44	197.37.178.192	host-197.37.178.192.tedata.net	2 / 18	11%	-	Details	
Ahmed Mostafa Mahmoud		201703055	Quize 1	2020-05-10 00:08:23	197.37.178.192	host-197.37.178.192.tedata.net	7 / 18	39%	-	Details	

You Can Show The Result Of Students From The Test

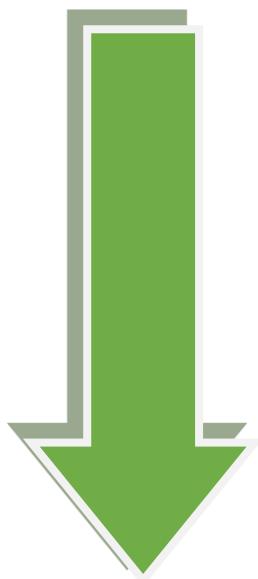
You Can Show The Result Of Students From The Test

Tests									+Add New Test	Trash
Show 10 ▾ entries									Search:	
Test	All Topics ▾	Questions	Results	-	-	-	-	-	-	-
Quize 1	Security	7	2	View	Results	Delete				
Quize 2	Security	3	0	View	Results	Delete				

The Answer Need Review it's the Essay Question You Should Correct The Question

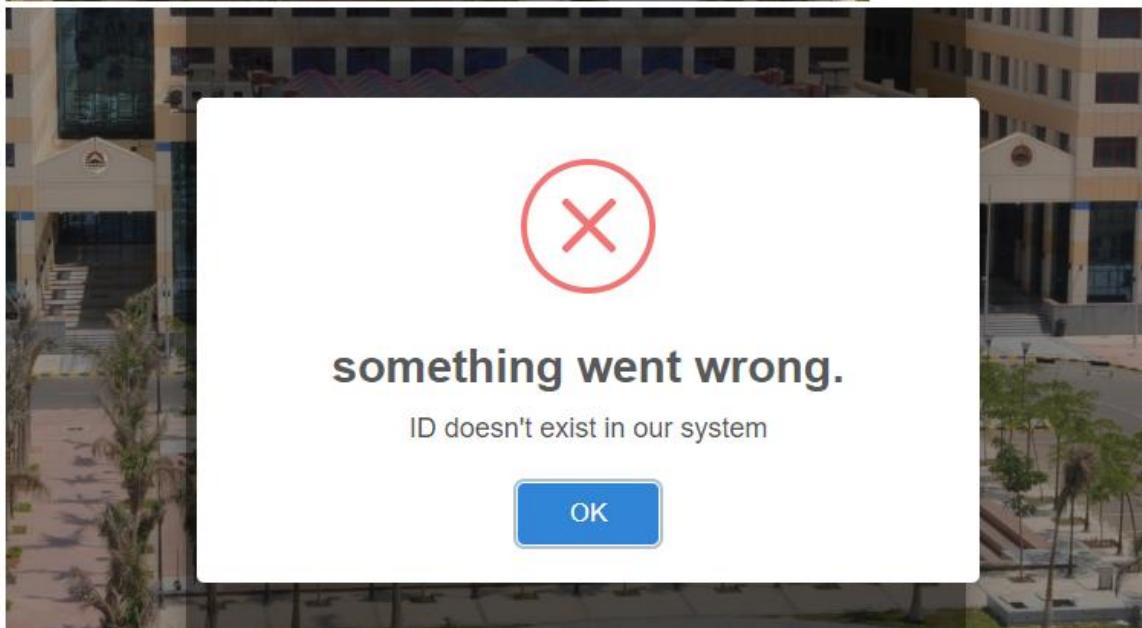
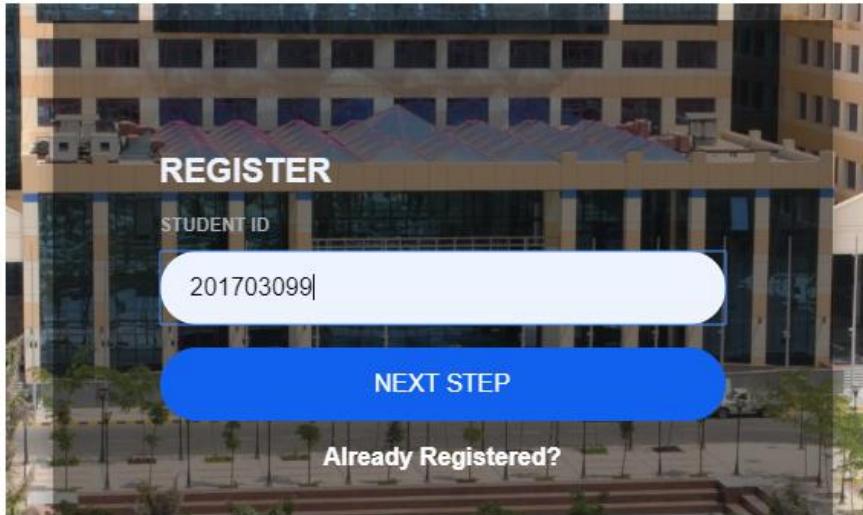
Results									<input checked="" type="checkbox"/> Answers Needs Review	<input type="checkbox"/> Unsubmitted Results
									Search:	
		Student ID	All Tests ▾	Date	IP Address	Host Name	Grade	Percent	-	
ahmed mohamed ahmeed		201703066	Quize 1	2020-05-10 00:09:44	197.37.178.192	host-197.37.178.192.tedata.net	2 / 18	11%	-	Details
Ahmed Mostafa Mahmoud		201703055	Quize 1	2020-05-10 00:08:23	197.37.178.192	host-197.37.178.192.tedata.net	7 / 18	39%	-	Details

Student Output Screens



Smart It Exit Exam Portal

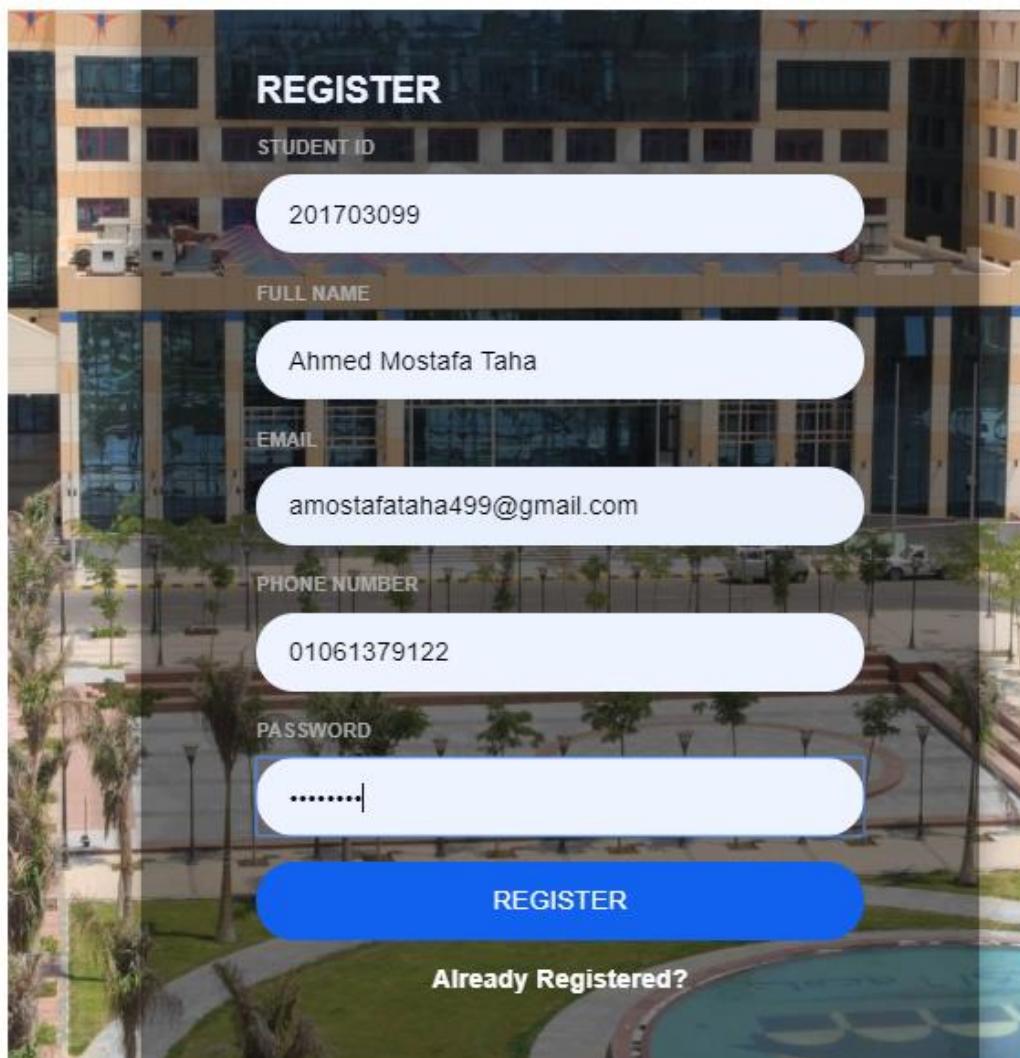
The Admin Should Add The Students IDS In The System If Student Add Id And Admin Not Add Him Will Show This Message



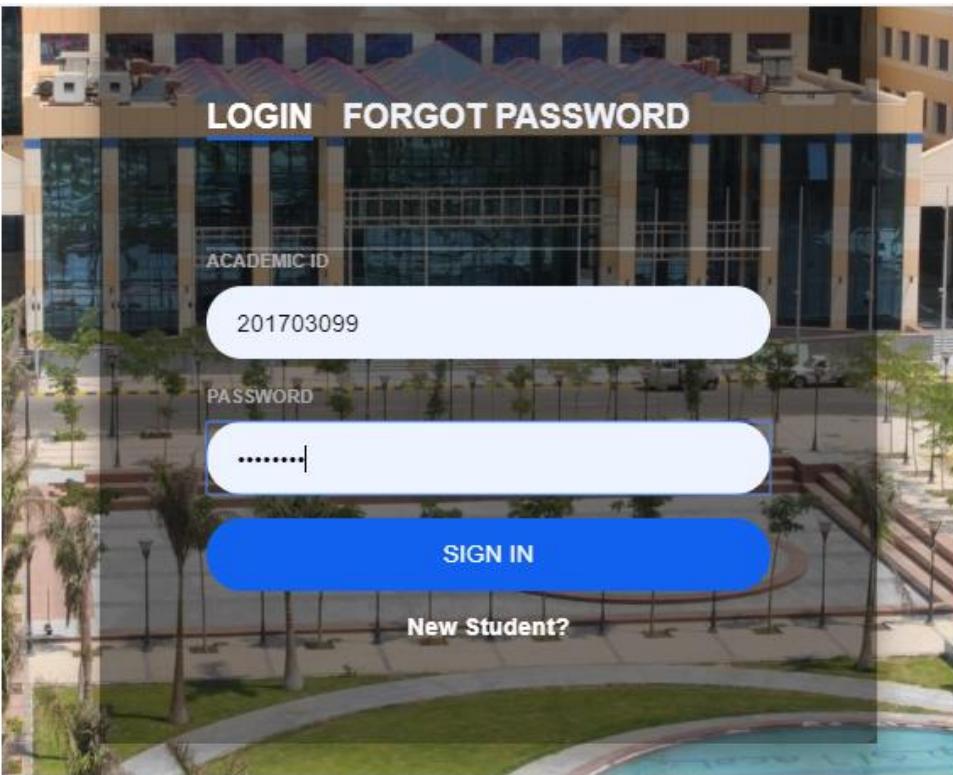
Smart It Exit Exam Portal

After Add ID You Should Add Your Information

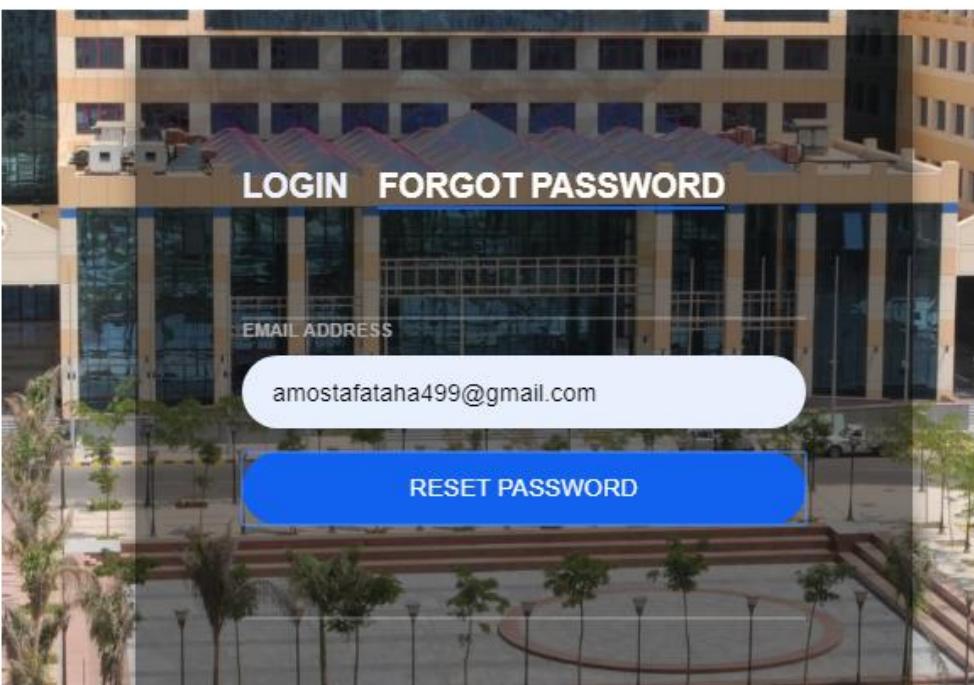
Tip: Add The Valid Email Because of Recover Your password If Forgotten It



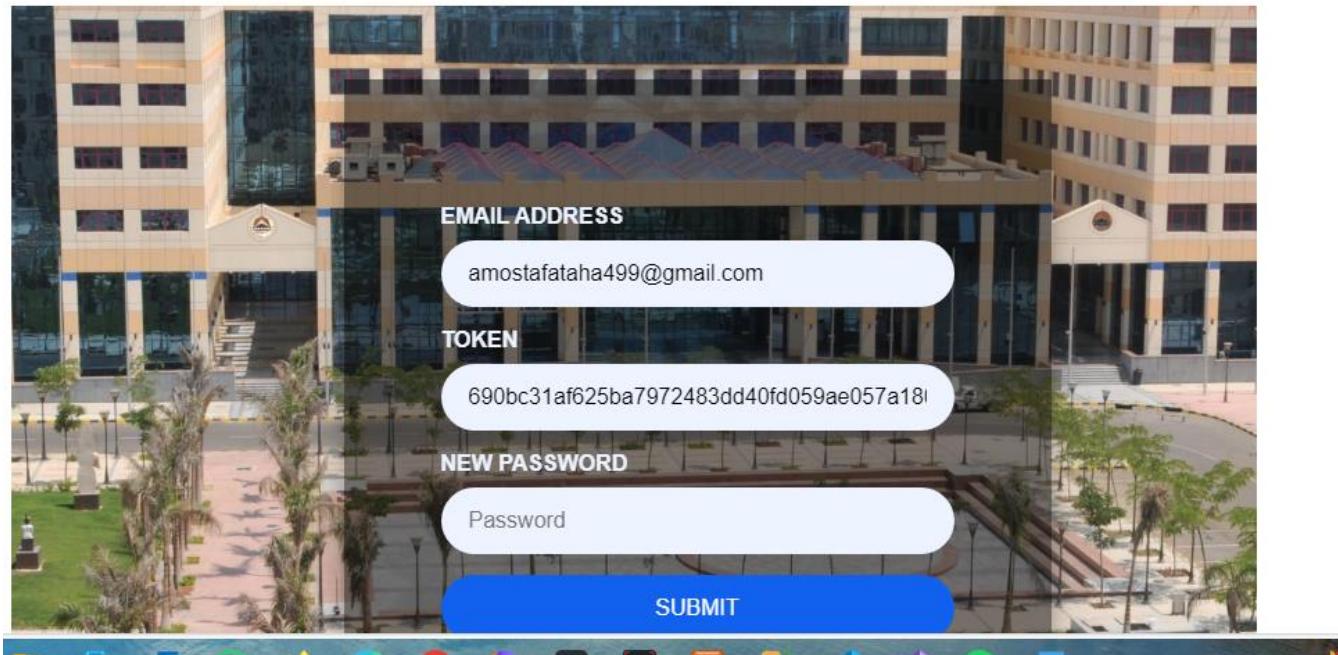
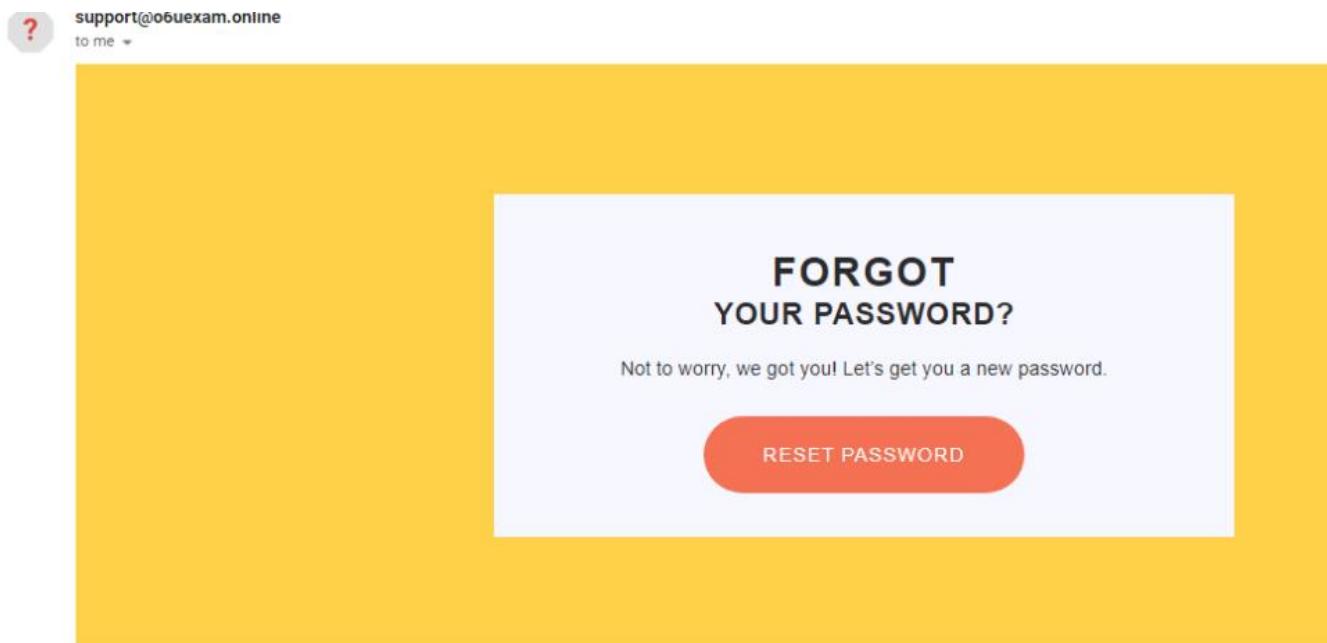
Smart It Exit Exam Portal



Student Forgotten Password



Smart It Exit Exam Portal



Smart It Exit Exam Portal

Home Page

The screenshot shows the homepage of the "Online Exam System". At the top, there is a dark navigation bar with the following items from left to right: "Online Exam System", "Tests" (with a three-bars icon), "Groups" (with a people icon), "Results" (with a chart icon), "Profile" (with a user icon), and "Logout" (with a lock icon). Below the navigation bar, the main content area has a light gray background. It features a section titled "Tests From Groups" with a table header row containing columns for "Test", "Group", "Instructor", "End date", "Status", and "Start". There is no data in the table body.

Test	Group	Instructor	End date	Status	Start

Smart It Exit Exam Portal

Student Profile

You Can Update Your Information And Password But Can't Change Your ID

Update Information	
Student ID	201703099
Name	Ahmed Mostafa Taha
Email Address	amostafataha455@gmail.com
Phone Number	01061379122

Update

Update Password	
New Password	Enter New Password...
Retype New Password	Retype New Password...

Update

Smart It Exit Exam Portal

A Student Can Add Himself To Group By an Invitation Code The Instructor Gave Him

This screenshot shows the 'Groups' section of the portal. At the top right is a blue button labeled '+Join Group'. Below it is a table with columns: Test, Instructor, and End date. The table currently has one row: 'Test' (section A), 'Instructor' (Ahmed Mostafa Mahmoud), and 'End date' (05-11-2020 06:18:43 AM). There is also a 'Leave Group' button at the bottom right of this row.

This screenshot shows a 'Join Group' modal dialog. It contains a text input field labeled 'Code' with the value '1505274326' entered. Below the input field is a message: 'Don't Access tests you are not allowed to.' At the bottom of the dialog are two buttons: 'Close' and 'Join'. The entire modal is highlighted with an orange border.

This screenshot shows the 'Groups' section again. The '+Join Group' button is now grayed out. The table below shows the same data as before: 'Test' (section A), 'Instructor' (Ahmed Mostafa Mahmoud), and 'End date' (05-11-2020 06:18:43 AM). The 'Leave Group' button is now highlighted with a red border. The entire table row is also highlighted with an orange border.

Student Group

Instructor Can Add Student To Group And When Student Login He Found himself In Group

This screenshot shows the 'Groups' section of the 'Online Exam System'. At the top right is a blue button labeled '+Join Group'. Below it is a table with columns: Test, Instructor, and End date. The table currently has one row: 'Test' (section A), 'Instructor' (Ahmed Mostafa Mahmoud), and 'End date' (05-11-2020 06:10:16 AM). There is also a 'Leave Group' button at the bottom right of this row.

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Student Group Test

When The Instructor Add Test To Group You Can Assess To The System And Start The Test

Tests From Groups

Test	Group	Instructor	End date	Status	Start
Quize 2	section A	Ahmed Mostafa Mahmoud	05-12-2020 12:50 AM	Available	Start Test

The Information About The Test

Test

Instructions

<input type="text"/> Your Name	Ahmed Mostafa Mahmoud
<input type="text"/> Your ID	201703055
<input type="text"/> Test Starts	2020-05-12 12:32 am
<input type="text"/> Test Ends	2020-05-12 12:50 am
<input type="text"/> No. Of Questions	5
<input type="text"/> Test Duration	10 Minutes
<input type="text"/> % Pass Precent:	50%
<input type="text"/> Test won't be counted until you submit it.	

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MCQ Questions can have multiple Answers

Start Test

Student Link Test

Stdent Take a link From a Instructor And Make a Register Or Login And Start Test Like A Group

Note: If Any Problem Happens When You Are In Test And Want Get To Your Test Again YoU Should Access To a Link Again And Login

Test Questions

- Show The Number Of Question
 - Show the Question Degree
 - The Time Duration
 - Can Show Next And Previous Question But The Instructor Can't Allow You To Show Previous Question
- 1: Essay : The Correct Dgree of Answer Of Essay The Instractor Add It After The Test Finish

Question 1

5 Points

What is the Possible Attack ?

Choose Ciphertext
Choose Plaintext
CipherText Only



◀ Previous Question

08:34

Next Question ▶

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2: Multiple Choice

Question 2 of 5

3 Points

4. Which of the following statements are true

- i) In the CBC mode, the plaintext block is XORed with previous ciphertext block before encryption
- ii) The CTR mode does not require an Initialization Vector
- iii) The last block in the CBC mode uses an Initialization Vector
- iv) In CBC mode repetitions in plaintext do not show up in ciphertext

A)

d) i) ii) and iv

B)

c) All the Statements are true

C)

b) ii) and iv)

D)

a) iii)

◀ Previous Question

08:12

Next Question ➤

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3: True And False

Question 3 of 5 1 Points

In the DES algorithm, although the key size is 64 bits only 48bits are used for the encryption procedure, the rest are parity bits.

[Previous Question](#) 07:59 [Next Question](#)

4: Matching

Question 4 of 5 1 Points

Make Matching

College	→	o6u
phone	→	123
Name	→	Ahmed
Age	→	20

[Previous Question](#) 07:33 [Next Question](#)

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5: Multiple Select

Question 5 of 5 6 Points

Select the Viruses phase

This Question might have a multiple Answers

A) Zombie

B) Dormant

C) Worm

D) Propagation

6: Complete

Question 1 2 Points

The number of unique substitution boxes in DES after the 48 bit XOR operation ar

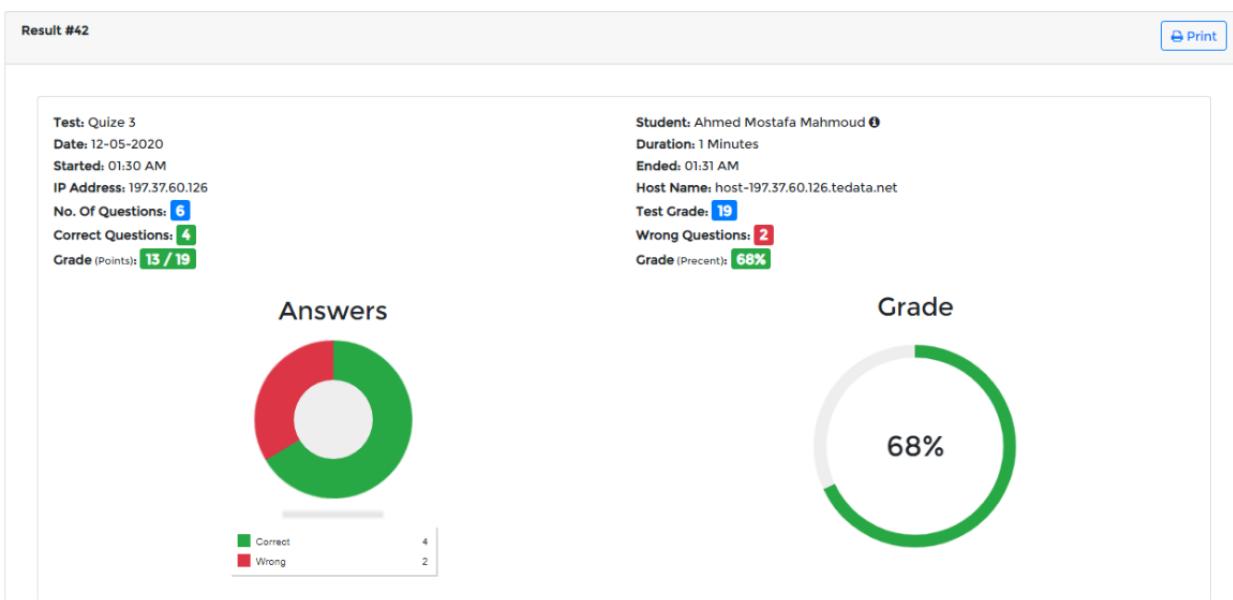
Answer

8|

◀ Previous Question 09:46 Next Question ➤

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Test Result



- 1** Multiple Choice 0 Points
Which one of the following modes of operation in DES is used for operating short data?
- Student Answer:
1: Cipher Feedback Mode (CFB)
- [View Correct Answer](#)
- 4: Output Feedback Modes (OFB)
- 2** True/False 1 Points
In the DES algorithm the 64 bit key input is shortened to 56 bits by ignoring every 4th bit.
- Student Answer: **False** Accepted Answer: **False**
- 3** Complete 2 Points
The number of unique substitution boxes in DES after the 48 bit XOR operation are
- Student Answer: **8** Accepted Answer: **8**

4 Matching 2 Points
Make Matching

Student Answers			Correct Answers	
Answer	Match	Points	Answer	Correct Match
Name	20	+0	Name	Ahmed
Age	06u	+0	Age	20
College	06u	+1	College	06u
phone	123	+1	phone	123

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Student Can View All Results From His Account

The screenshot shows the 'Results' section of the Online Exam System. At the top, there is a navigation bar with links for 'Tests', 'Groups', 'Results' (which is highlighted with an orange border), 'Profile', and 'Logout'. Below the navigation bar is a table titled 'Results' with three columns: 'Test', 'Date', and 'Result'. The table contains four rows of data:

Test	Date	Result
Quize 3	2020-05-12 01:31:52	95%
Quize 2	2020-05-12 00:38:20	84%
Quize 1	2020-05-10 00:08:23	67%

Each row has a blue 'Details' button next to the result percentage.

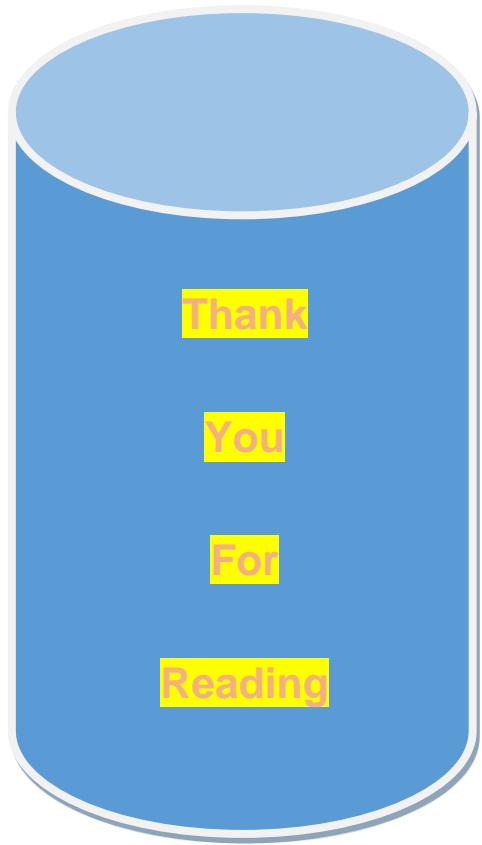
Test Problem

If Student Exit From Test He Can Resum the Test But If the Time End He can't Continue

Note : If Student Can't Submit And He Still In the System, the System Submit The Answer Automatic

A blue rectangular box with an orange border contains the text: "You have an active test! Resume Test".

Below this, there is a table titled "Tests From Groups" with six columns: "Test", "Group", "Instructor", "End date", "Status", and "Start". The table currently has no data.



Conclusion

CONCLUSION

CONCLUSION:

The package was designed in such a way that future modifications can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the efficiency
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

Second term

Future Enhancements

FUTURE ENHANCEMENTS:

This application avoids the manual work and the problems concern with it. It is an easy way to obtain the information regarding the different scheduled examinations information that are

Currently issued.

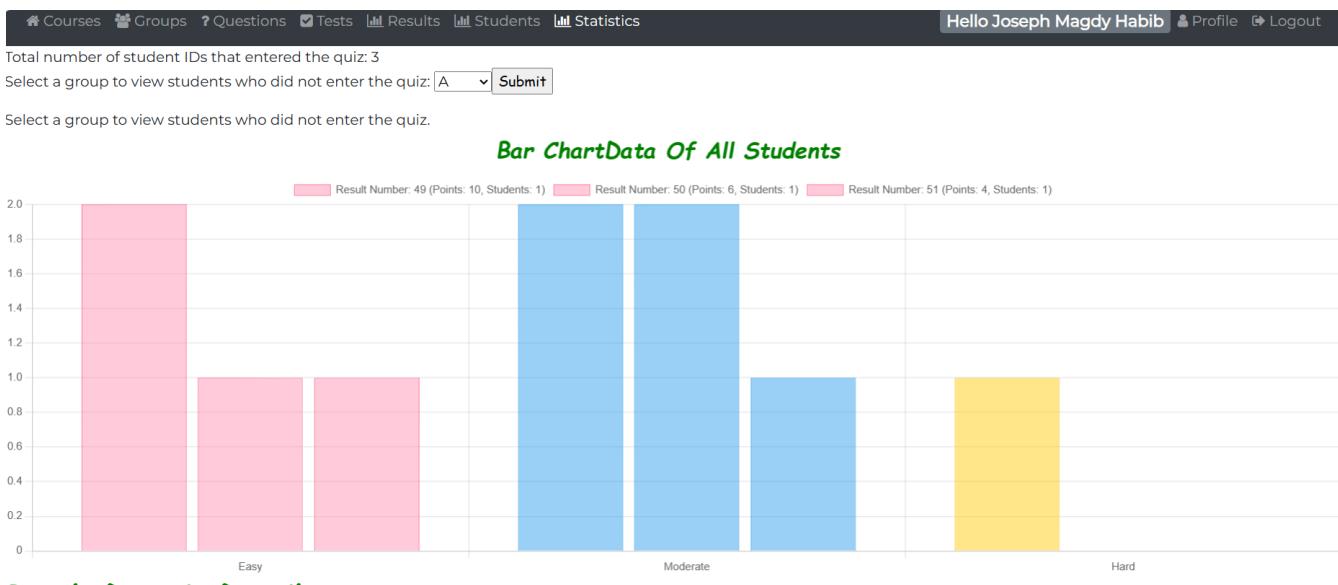
Well, I and my team members have worked hard in order to present an improved website better than the existing one's regarding the information about the various activities. Still, we found out that the project can be done in a better way. Primarily, when we request information about a particular schedule it just shows the exam date and platform. So, after getting the information we can get access to the online exam.

This made on 2024 :

- +The enhancement that we can add the searching option. We can directly search to the student details from this site.
- + We add Bar Charts To show Statistical of Students Results and show who don't enter the quiz and know his id -
- +We will add bot services to help students for reachable to anything particular on this Site.
- +We will add survey for all students To Evaluate themselves.To make feedback of website.

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- + We add docs with images for users to show how to use the system and if anyone faces a problem will find the solution to it.
- We Make A page belong to instructor name (Statistics) To show how many students solve of questions as easy - moderate - hard
- We make a Table get the result in details and make a button select any group to know who Don't Enter The Quiz and know how many enter the quiz test .



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- We Make A survey form To Know Feedback from User about Website and know their skills before enter quiz

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Survey Form

Name:

ID:

Are You Ready For This Quiz

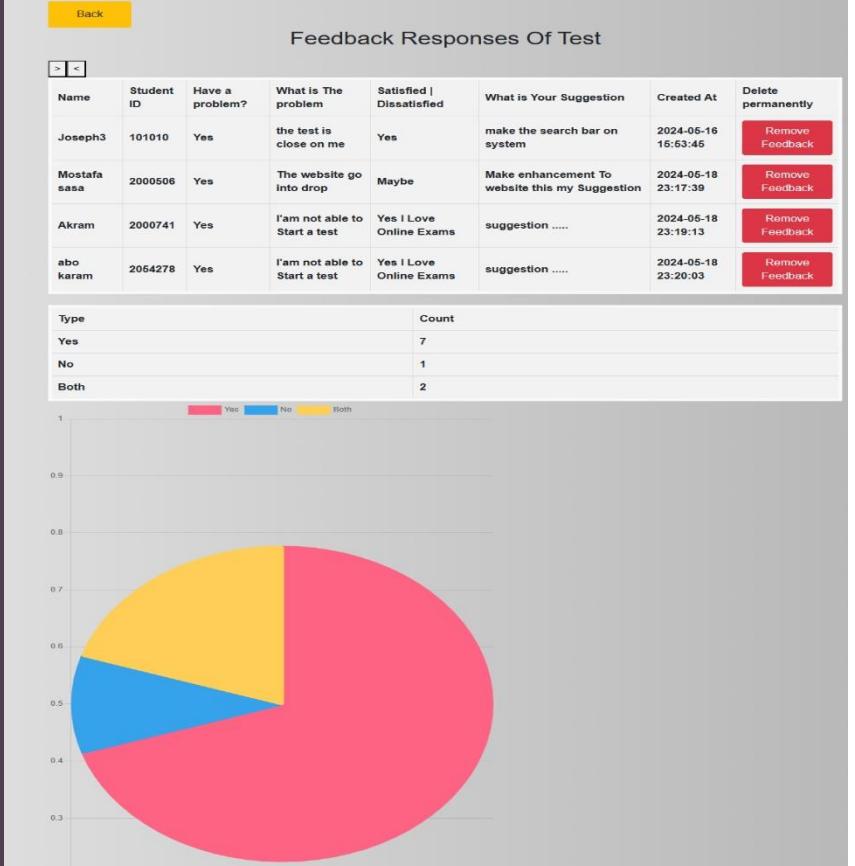
Yes
 No
 Maybe

Are You Feeling Good on this Site

Are you confident in your abilities to take exams online

How satisfied or dissatisfied are you with Us

What are the future plans or improvements that you have or would like to have for your online exam system project (optional):

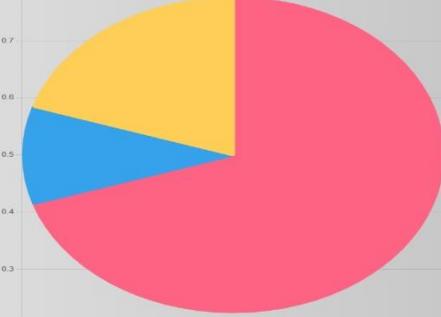

Feedback Responses Of Test

Name	Student ID	Have a problem?	What Is The problem	Satisfied Dissatisfied	What is Your Suggestion	Created At	Delete permanently
Joseph3	101010	Yes	the test is close on me	Yes	make the search bar on system	2024-05-16 16:53:46	<input type="button" value="Remove Feedback"/>
Mostafa sasa	2000506	Yes	The website go into drop	Maybe	Make enhancement To website this my Suggestion	2024-05-18 23:17:39	<input type="button" value="Remove Feedback"/>
Akram	2000741	Yes	I'm not able to Start a test	Yes I Love Online Exams	suggestion	2024-05-18 23:19:13	<input type="button" value="Remove Feedback"/>
abo karam	2054278	Yes	I'm not able to Start a test	Yes I Love Online Exams	suggestion	2024-05-18 23:20:03	<input type="button" value="Remove Feedback"/>

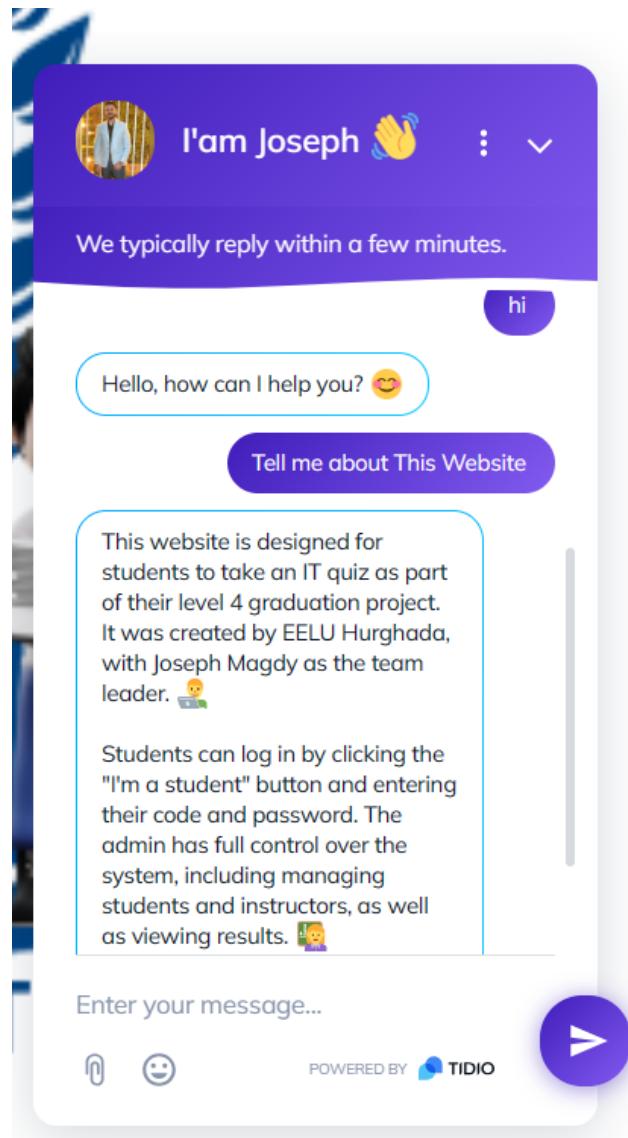
Type Count

Type	Count
Yes	7
No	1
Both	2

1
0.9
0.8
0.7
0.6
0.5
0.4
0.3



Smart It Exit Exam Portal



We make a chatbot services To help users to know more about website and know everything .

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Contact With Us

Contact If You Have A Suggestion Or Problems

NAME Joseph Magdy Habib

EMAIL josephmagdy56@gmail.com

SUBJECT problem in login as Student

the details of problem

4-SURVEY FORM OF TECHNICAL SUPPORT.

Welcome To Smart IT Exit Exam Portal

Instructors Students Results Feedback Technical Support Hello System Administrator Profile Logout

All Registered Instructors

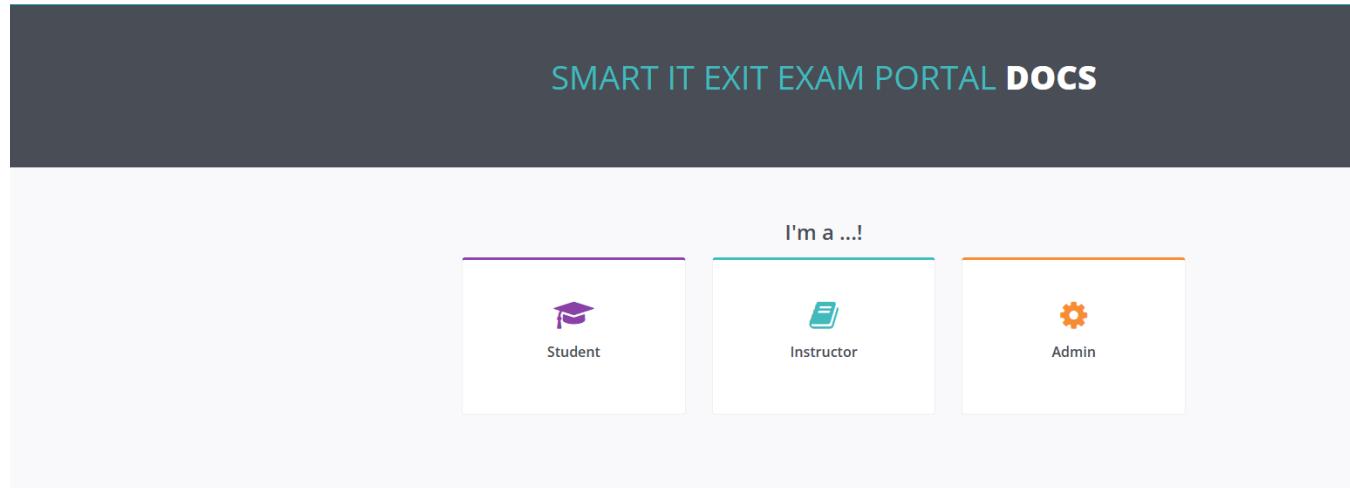
Name	Email	Phone Number	Status	Suspended & Delete
Joseph Magdy Habib	joseph12@gmail.com	01016122682	Active	<input type="button" value="Suspend"/>

Showing 1 to 1 of 1 entries

Contact Us OF Technical Support

Name	Email	Subject	Message	Created At	Delete
Joseph Magdy Habib	josephmagdy56@gmail.com	problem in login as Student	the details of problem	2024-05-17 23:24:10	<input type="button" value="Delete"/>

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- We add docs to know every step to Enter System and login as admin or student or instructor

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• We add IT Level 4 Community Student Groups to share some resources together and links of extra courses for helping each other

Login With Students Email has Been Registered by admin

Email:
Sasa12@gmail.com

Phone:
01112215387

[Login](#)

Share a Resource

Student ID:

Title:

Description:

URL:

[Share](#)

Welcome To Smart IT Exit Exam Portal

Online Exam System
[Tests](#)
[Groups](#)
[Results](#)
[Profile](#)
[Send Feedback](#)
[Share Recourses](#)
[Logout](#)

Tests From Groups

Test	Group	Instructor	End date	Status	Start

Shared Resources

[Back](#)

User ID	Title	Description	URL	Created At
2001666	.FullStack web developer	sssss	https://www.youtube.com/watch?v=xiUTqnl6xk&pp=ygUDc3Fs	2024-05-21 19:39:46
2001506	.FullStack web developer	aaaa	https://www.youtube.com/watch?v=xiUTqnl6xk&pp=ygUDc3Fs	2024-05-21 19:41:25
2001506	.FullStack web developer	fghfgh	https://www.youtube.com/watch?v=xiUTqnl6xk&pp=ygUDc3Fs	2024-05-21 20:33:02
2001506	.FullStack web developer	fghfgh	https://www.youtube.com/watch?v=xiUTqnl6xk&pp=ygUDc3Fs	2024-05-21 20:33:37
2001506	.FullStack web developer	ssss	https://www.youtube.com/watch?v=xiUTqnl6xk&pp=ygUDc3Fs	2024-05-21 20:34:32
2001506	it	course	https://www.youtube.com/watch?v=xiUTqnl6xk&pp=ygUDc3Fs	2024-05-21 20:50:43
2001506	Network resources	this course for CCNA 200-301	https://www.youtube.com/watch?v=xiUTqnl6xk&pp=ygUDc3Fs	2024-05-21 20:56:15



4-What is the need to be more Competitive the best Smart It Exit Exam Portal in future .

- add AI plays a vital role :

Resource Suggestions: When students get bad results, AI can suggest videos, articles, and exercises to help them improve on their weak points.

- **Virtual Labs:** Provide online labs where students can practice real-world skills in a safe environment.
- **Measuring the quality** of the educational program of the system

Bibliography

BIBLIOGRAPHY

The following books were referred during the analysis and execution phase of the project

Smart It Exit Exam Portal

✓ Books Referred:

- BEGINNING PHP 5 ---DAVE MERCER
- BLACK BOOK HTML ---WILEY DREAMTECH
- PHP AND MYSQL WEB DEVELOPMENT --- LUKEWELLING,LAURA
- MICROSOFT SQL SERVER-2000 ---RANKIN, PAUL & JENSEN
- SQL SERVER-2000 ---DUSAN PETKOVIC
- PHP IN A NUTSHELL --- PAUL HUDSON

✓ Websites Referred:

<http://www.phptpoit.com>

