

CAREER GUIDANCE

Project Report Submitted By

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**MASTER OF COMPUTER APPLICATIONS
(MCA)**

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**AMAL JYOTHI COLLEGE OF ENGINEERING
KANJIRAPPALLY**

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2021-2022

DEPARTMENT OF COMPUTER APPLICATIONS
AMAL JYOTHI COLLEGE OF ENGINEERING
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CERTIFICATE

This is to certify that the Project report, “**CAREER GUIDANCE**” is the bonafide work of **SILJA C K (Reg.No:AJC20MCA-2065)** in partial fulfillment of the requirements for the award of the Degree of Integrated Master of Computer Applications under APJ Abdul Kalam Technological University during the year 2021-22.

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DECLARATION

I hereby declare that the project report “**CAREER GUIDANCE**” is a bonafided work done at Amal Jyothi College of Engineering, towards the partial fulfilment of the requirements for the award of the Degree of Master of Computer Applications (MCA) from APJ Abdul Kalam Technological University, during the academic year 2020-2021.

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SILJA C K

ABSTRACT

Career Guidance System is a web application to The Online Career Guidance System begins with choosing a career. The best time to take a career aptitude test is after 12th, *before* you've chosen your career. That's when things are less messy and the field is wide open to choose the relevant stream (science, commerce, arts, business etc) and right graduation degree. There are more career options after 12th before the broad career track has been chosen, than after graduation when the flexibility gets limited to the degree you get. In this system there are mainly two users: Admin, Student, parent. Admin is the one who manages all the accounts and this system. Admin can approve student. Student can attend test added by the admin and view their result. student can view the suggested courses and ask doubt to the guide .

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List of Abbreviation

IDE	-	Integrated Development Environment
HTML	-	Hyper Text Markup Language.
CSS	-	Cascading Style Sheet
SQL	-	Structured Query Language
UML	-	Unified Modeling Language

CHAPTER 1

INTRODUCTION

PROJECT OVERVIEW

“**CAREER GUIDANCE**” is a web application which is meant to help the customers to make their construction easy. The best time to take a career aptitude test is after 12th, before you’ve chosen your career. That’s when things are less messy and the field is wide open to choose the relevant stream (science, commerce, arts, business etc) and right graduation degree. There are more career options after 12th before the broad career track has been chosen, than after graduation when the flexibility gets limited to the degree you get. Which is why we see the familiar and disturbing trend of parents pushing students to join entrance exams for several years. They assume sacrificing their childhood will someday bear fruit and get them happiness in life and career. But by the time students realize it, they’re stuck in the quicksand.

PROJECT SPECIFICATION

The proposed system is made to help teens and students who take career tests after 12th are likely to be more aware of their choices. In this system for school, In order to discover the talents and interests of the students. Students can take an aptitude test, and the system will suggest certain areas and related courses based on previous activity, performance, and test questions (using AI, ML with 95% accuracy). The guide will add the student's marks and activity details. Parents and students can see the details added by the guide. There is a career guide to provide guidance and course details to students. Student and parent can chat with guide.

The system includes 3 module. They are:

1. Admin Module

Admin must have a login into this system. He has the overall control of the system. can able to approve or reject users and also can able to view all registered student details.

2. student Module

Student can register and they can attend the aptitude test. Student can also view the suggested course.

3. Parent Module

Student can register and they can see the performance of the student.

CHAPTER 2

SYSTEM STUDY

INTRODUCTION

System analysis is a process of gathering and interpreting facts, diagnosing problems and the information to recommend improvements on the system. It is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is studied to the minute's detail and analyzed. The system analyst plays the role of the interrogator and dwells deep into the working of the present system. The system is viewed as a whole and the input to the system are identified. The outputs from the organizations are traced to the various processes. System analysis is concerned with becoming aware of the problem, identifying the relevant and decisional variables, analyzing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action.

Preliminary study is the process of gathering and interpreting facts, using the information for further studies on the system. Preliminary study is problem solving activity that requires intensive communication between the system users and system developers. It does various feasibility studies. In these studies, a rough figure of the system activities can be obtained, from which the decision about the strategies to be followed for effective system study and analysis can be taken.

EXISTING SYSTEM

Existing system is not a fully automated system. student can only search for the college they like .

It is necessary to modify the existing system in order to include additional information and make the system efficient, flexible and secure.

- Time consuming.
- Human effort is needed.

PROPOSED SYSTEM

The proposed system is defined to meet all the disadvantages of the existing system. It is necessary to have a system that is more user friendly and user attractive for business growth; on such consideration the system is proposed. In this system for school, In order to discover the talents and interests of the students .Students can take an aptitude test, and the system will suggest certain areas and related courses based on previous activity, performance, and test questions .The guide will add the student's marks and activity details. students can see the details added by the guide. There is a career guide to provide guidance and course details to students. Student can ask doubt to guide.

ADVANTAGES OF PROPOSED SYSTEM

The system is very simple in design and to implement. The system requires very low system resources and the system will work in almost all configurations. It has got following features:

➤ **Better security: -**

For data to remain secure measures must be taken to prevent unauthorized access. Security means that data are protected from various forms of destruction. The system security problem can be divided into four related issues: security, integrity, privacy and confidentiality. Username and password requirement to sign in ensures security. It will also provide data security as we are using the secured databases for maintaining the documents.

➤ **Ensure data accuracy: -**

The proposed system eliminates the manual errors while entering the details of the users during the registration.

➤ **Better service: -**

The system will avoid the burden of hard copy storage. We can also conserve the time and human resources for doing the same task. The data can be maintained for longer period with no loss of data.

CHAPTER 3

REQUIREMENT ANALYSIS

FEASIBILITY STUDY

Feasibility study is made to see if the project on completion will serve the purpose of the organization for the amount of work, effort and the time that spend on it. Feasibility study lets the developer foresee the future of the project and the usefulness. A feasibility study of a system proposal is according to its workability, which is the impact on the organization, ability to meet their user needs and effective use of resources. Thus, when a new application is proposed it normally goes through a feasibility study before it is approved for development.

The document provides the feasibility of the project that is being designed and lists various areas that were considered very carefully during the feasibility study of this project such as Technical, Economic and Operational feasibilities. The following are its features: -

Economical Feasibility

The developing system must be justified by cost and benefit. Criteria to ensure that effort is concentrated on project, which will give best, return at the earliest. One of the factors, which affect the development of a new system, is the cost it would require.

The following are some of the important financial questions asked during preliminary investigation:

- The costs conduct a full system investigation.
- The cost of the hardware and software.
- The benefits in the form of reduced costs or fewer costly errors.

The proposed system is developed as part of project work, there is no manual cost to spend for the proposed system. Also all the resources are already available, it give an indication of the system is economically possible for development.

The cost of project, BUILDTECH CONSTRUCTION MANAGEMENT SYSTEM was divided according to the system used, its development cost and cost for hosting the project. According to all the calculations the project was developed in a low cost. As it is completely developed using open source software.

Technical Feasibility

The system must be evaluated from the technical point of view first. The assessment of this feasibility must be based on an outline design of the system requirement in the terms of input, output, programs and procedures. Having identified an outline system, the investigation must go on to suggest the type of equipment, required method developing the system, of running the system once it has been designed.

Technical issues raised during the investigation are:

- Does the existing technology sufficient for the suggested one?
- Can the system expand if developed?

The project should be developed such that the necessary functions and performance are achieved within the constraints. The project requires High Resolution Scanning device and utilizes Cryptographic techniques. Through the technology may become obsolete after some period of time, due to the fact that newer version of same software supports older versions, the system may still be used. So there are minimal constraints involved with this project. The system has been developed using PHP in front end and MySQL in server in back end, the project is technically feasible for development. The system has been developed using PHP in front end and MySQL in server in back end, the project is technically feasible for development. The System used was also of good performance of Processor Intel i3 core; RAM 4GB and, Hard disk 1TB

Behavioral Feasibility

The proposed system includes the following questions:

- Is there sufficient support for the users?
- Will the proposed system cause harm?

The project would be beneficial because it satisfies the objectives when developed and installed. All behavioral aspects are considered carefully and conclude that the project is behaviorally feasible.

BUILDTECH CONSTRUCTION MANAGEMENT SYSTEM, GUI is simple so that users can easily use it. BUILDTECH CONSTRUCTION MANAGEMENT SYSTEM is simple enough so that no training is needed.

SYSTEM SPECIFICATION

Hardware Specification

Processor - Intel core i3

RAM - 4 GB

Hard disk - 1 TB

Software Specification

Front End - HTML, CSS

Backend - MYSQL

Client on PC - Windows 7 and above.

Technologies used - JS, HTML5, PHP, CSS

SOFTWARE DESCRIPTION

PHP

PHP is a server side scripting language designed for web development but also used as a general purpose programming language. PHP is now installed on more than 244 million websites and 2.1 million web servers. Originally created by Rasmus Ledorf in 1995, the reference implementation of PHP is now produced by the PHP group. While PHP originally stood for personal Home page ,it now stands for PHP:HypertextPreprocessor, a recursive acronym.PHP code is interpreted by a web server with a PHP processor module which generates the resulting web page.PHP commands can be embedded directly into a HTML source document rather than calling an external file to process data. It has also evolved to include a command-line interface capability and can be used in standalone incompatible with the GNU General Public License (GPL) due to restrictions on the usage of the term PHP.PHP can be deployed on most web servers and also as a standalone shell on almost every operating system and platform, free of charge.

MySQL

MySQL, the most popular Open Source SQL database management system, is developed, distributed, and supported by Oracle Corporation. The MySQL Web site provides the latest information about MySQL software.

- **MySQL is a database management system.**

A database is a structured collection of data. It may be anything from a simple shopping list to a picture gallery or the vast amounts of information in a corporate network. To add, access, and process data stored in a computer database, you need a database management system such as MySQL Server. Since computers are very good at handling large amounts of data, database management systems play a central role in computing, as standalone utilities, or as parts of other applications.

- **MySQL databases are relational.**

A relational database stores data in separate tables rather than putting all the data in one big storeroom. The database structures are organized into physical files optimized for speed. The logical model, with objects such as databases, tables, views, rows, and columns, offers a flexible programming environment. You set up rules governing the relationships between different data fields, such as one-to-one, one-to-many, unique, required or optional, and “pointers” between different tables. The database enforces these rules, so that with a well-designed database, your application never sees inconsistent, duplicate, orphan, out-of-date, or missing data. The SQL part of “MySQL” stands for “Structured Query Language”. SQL is the most common standardized language used to access databases. Depending on your programming environment, you might enter SQL directly (for example, to generate reports), embed SQL statements into code written in another language, or use a language-specific API that hides the SQL syntax. SQL is defined by the ANSI/ISO SQL Standard. The SQL standard has been evolving since 1986 and several versions exist. In this manual, “SQL92” refers to the standard released in 1992, “SQL: 1999” refers to the standard released in 1999, and “SQL: 2003” refers to the current version of the standard. We use the phrase “the SQL standard” to mean the current version of the SQL Standard at any time.

- **MySQL software is Open Source.**

Open Source means that it is possible for anyone to use and modify the software. Anybody can download the MySQL software from the Internet and use it without paying anything. If you wish, you may study the source code and change it to suit your needs. The MySQL software uses the GPL (GNU General Public License), to define what you may and may not do with the software in different situations. If you feel uncomfortable with the GPL or need to embed MySQL code into a commercial application, you can buy a commercially licensed version from us. See the MySQL Licensing Overview for more information.

- **The MySQL Database Server is very fast, reliable, scalable, and easy to use.**

If that is what you are looking for, you should give it a try. MySQL Server can run comfortably on a desktop or laptop, alongside your other applications, web servers, and so on, requiring little or no attention. If you dedicate an entire machine to MySQL, you can adjust the settings to take advantage of all the memory, CPU power, and I/O capacity available.

- **MySQL Server works in client/server or embedded systems.**

The MySQL Database Software is a client/server system that consists of a multi-threaded SQL server that supports different backends, several different client programs and libraries, administrative tools, and a wide range of application programming interfaces (APIs). We also provide MySQL Server as an embedded multi-threaded library that you can link into your application to get a smaller, faster, easier-to-manage standalone product.

CHAPTER 4

SYSTEM DESIGN

INTRODUCTION

Design is the first step into the development phase for any engineered product or system. Design is a creative process. A good design is the key to effective system. The term “design” is defined as “the process of applying various techniques and principles for the purpose of defining a process or a system in sufficient detail to permit its physical realization”. It may be defined as a process of applying various techniques and principles for the purpose of defining a device, a process or a system in sufficient detail to permit its physical realization. Software design sits at the technical kernel of the software engineering process and is applied regardless of the development paradigm that is used. The system design develops the architectural detail required to build a system or product. As in the case of any systematic approach, this software too has undergone the best possible design phase fine tuning all efficiency, performance and accuracy levels. The design phase is a transition from a user oriented document to a document to the programmers or database personnel. System design goes through two phases of development: Logical and Physical Design.

UML DIAGRAM

UML is a standard language for specifying, visualizing, constructing, and documenting the artifacts of software systems. UML was created by the Object Management Group (OMG) and UML 1.0 specification draft was proposed to the OMG in January 1997.

UML stands for **Unified Modeling Language**. UML is different from the other common programming languages such as C++, Java, COBOL, etc. UML is a pictorial language used to make software blueprints. UML can be described as a general purpose visual modeling language to visualize, specify, construct, and document software system. Although UML is generally used to model software systems, it is not limited within this boundary. It is also used to model non-software systems as well. For example, the process flow in a manufacturing unit, etc. UML is not a programming language but tools can be used to generate code in various languages using UML diagrams. UML has a direct relation with object oriented analysis and design. After

some standardization, UML has become an OMG standard. All the elements, relationships are used to make a complete UML diagram and the diagram represents a system. The visual effect of the UML diagram is the most important part of the entire process. All the other elements are used to make it complete. UML includes the following nine diagrams.

- Class diagram
- Object diagram
- Use case diagram
- Sequence diagram
- Collaboration diagram
- Activity diagram
- Statechart diagram
- Deployment diagram
- Component diagram

USE CASE DIAGRAM

A use case diagram is a graphic depiction of the interactions among the elements of a system. A use case is a methodology used in system analysis to identify, clarify, and organize system requirements. In this context, the term "system" refers to something being developed or operated, such as a mail-order product sales and service Web site. Use case diagrams are employed in UML (Unified Modeling Language), a standard notation for the modeling of real-world objects and systems.

System objectives can include planning overall requirements, validating a hardware design, testing and debugging a software product under development, creating an online help reference, or performing a consumer-service-oriented task. For example, use cases in a product sales environment would include item ordering, catalog updating, payment processing, and customer relations. A use case diagram contains four components.

- The boundary, which defines the system of interest in relation to the world around it.
- The actors, usually individuals involved with the system defined according to their

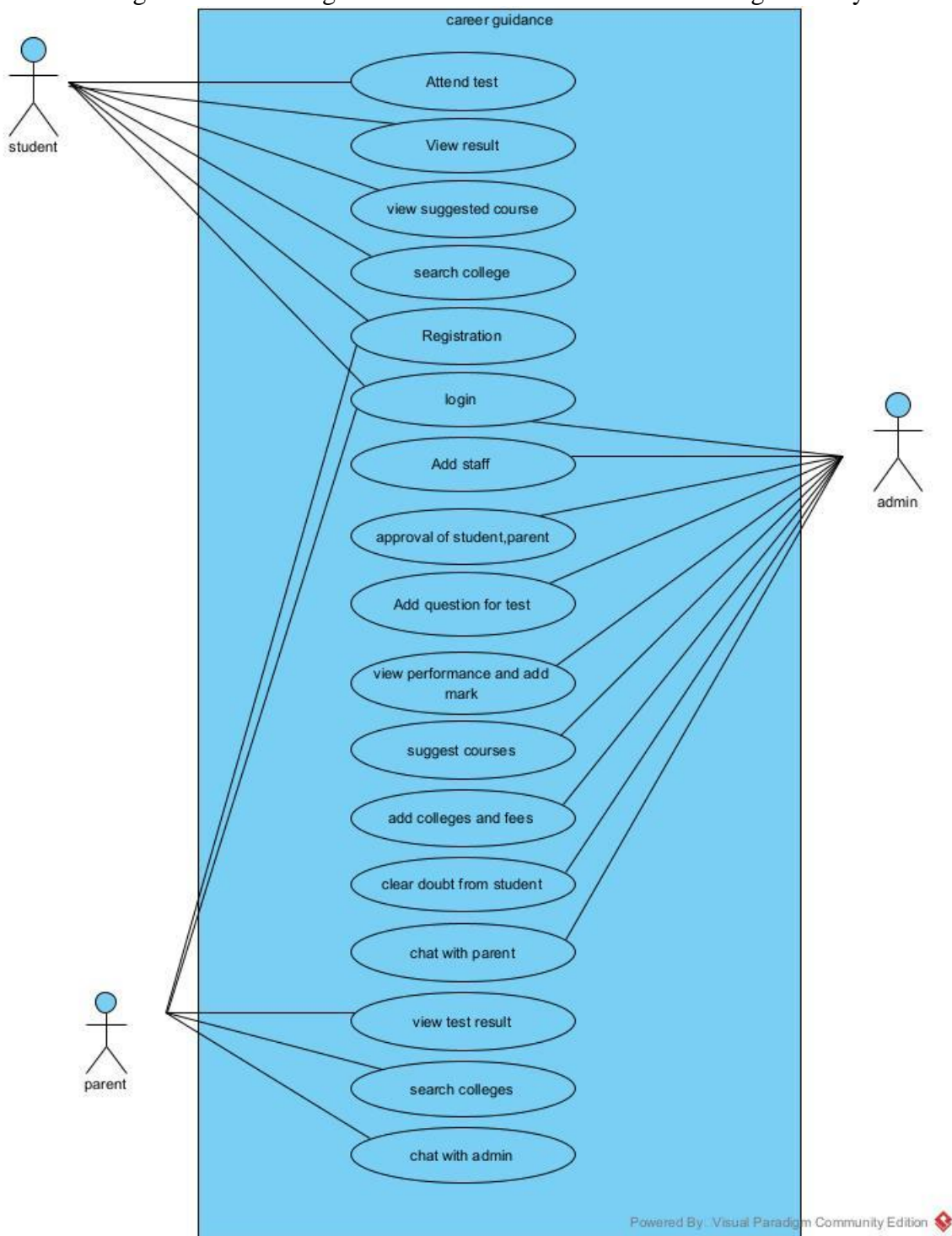
roles.

- The use cases, which are the specific roles are played by the actors within and around the system.
- The relationships between and among the actors and the use cases.

Use case diagrams are drawn to capture the functional requirements of a system. After identifying the above items, we have to use the following guidelines to draw an efficient use case diagram

- The name of a use case is very important. The name should be chosen in such a way so that it can identify the functionalities performed.
- Give a suitable name for actors.
- Show relationships and dependencies clearly in the diagram.
- Do not try to include all types of relationships, as the main purpose of the diagram is to identify the requirements.
- Use notes whenever required to clarify some important points.

Fig 1 : Use case diagram for BuildTech Construction Management System



SEQUENCE DIAGRAM

A sequence diagram simply depicts interaction between objects in a sequential order i.e. the order in which these interactions take place. We can also use the terms event diagrams or event scenarios to refer to a sequence diagram. Sequence diagrams describe how and in what order the objects in a system function. These diagrams are widely used by businessmen and software developers to document and understand requirements for new and existing systems.

Sequence Diagram Notations –

- i. **Actors** – An actor in a UML diagram represents a type of role where it interacts with the system and its objects. It is important to note here that an actor is always outside the scope of the system we aim to model using the UML diagram. We use actors to depict various roles including human users and other external subjects. We represent an actor in a UML diagram using a stick person notation. We can have multiple actors in a sequence diagram.
- ii. **Lifelines** – A lifeline is a named element which depicts an individual participant in a sequence diagram. So basically each instance in a sequence diagram is represented by a lifeline. Lifeline elements are located at the top in a sequence diagram.
- iii. **Messages** – Communication between objects is depicted using messages. The messages appear in a sequential order on the lifeline. We represent messages using arrows. Lifelines and messages form the core of a sequence diagram.

Messages can be broadly classified into the following categories:

- Synchronous messages
- Asynchronous Messages
- Create message
- Delete Message
- Self-Message
- Reply Message
- Found Message

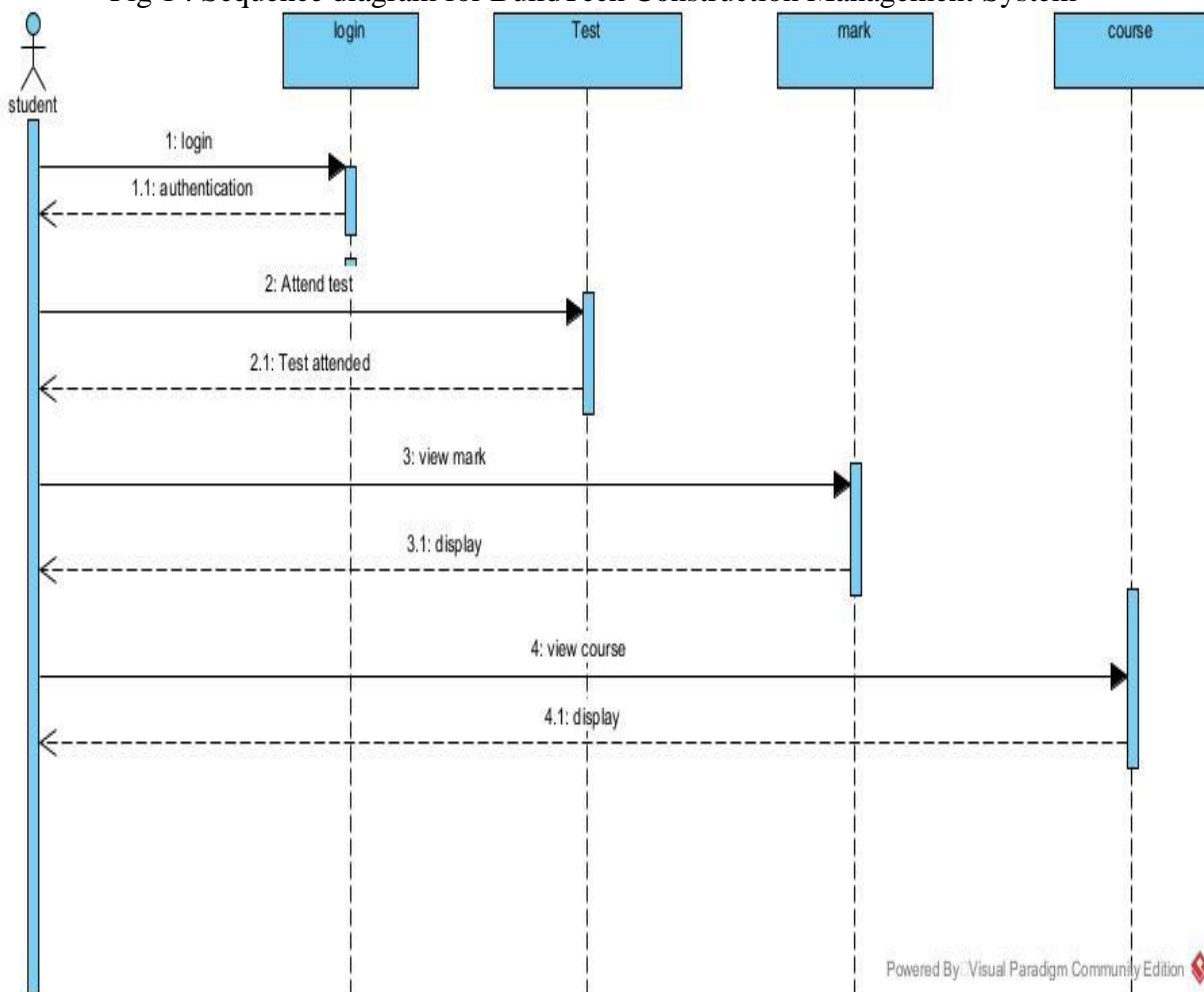
- Lost Message

iv. Guards – To model conditions we use guards in UML. They are used when we need to restrict the flow of messages on the pretext of a condition being met. Guards play an important role in letting software developers know the constraints attached to a system or a particular process.

Uses of sequence diagrams –

- Used to model and visualize the logic behind a sophisticated function, operation or procedure.
- They are also used to show details of UML use case diagrams.
- Used to understand the detailed functionality of current or future systems.
- Visualise how messages and tasks move between objects or components in a system.

Fig 1 : Sequence diagram for BuildTech Construction Management System



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USER INTERFACE DESIGN

4.3.1-INPUT DESIGN

Form Name : student Registration

STUDENT REGISTRATION

Username

Password

Confirm Password

Name

Email ID

Mobile

Age

Form Name : parent Registration

PARENT REGISTRATION

Username

Password

Confirm Password

Name

address

Photo

Choose file

No file chosen

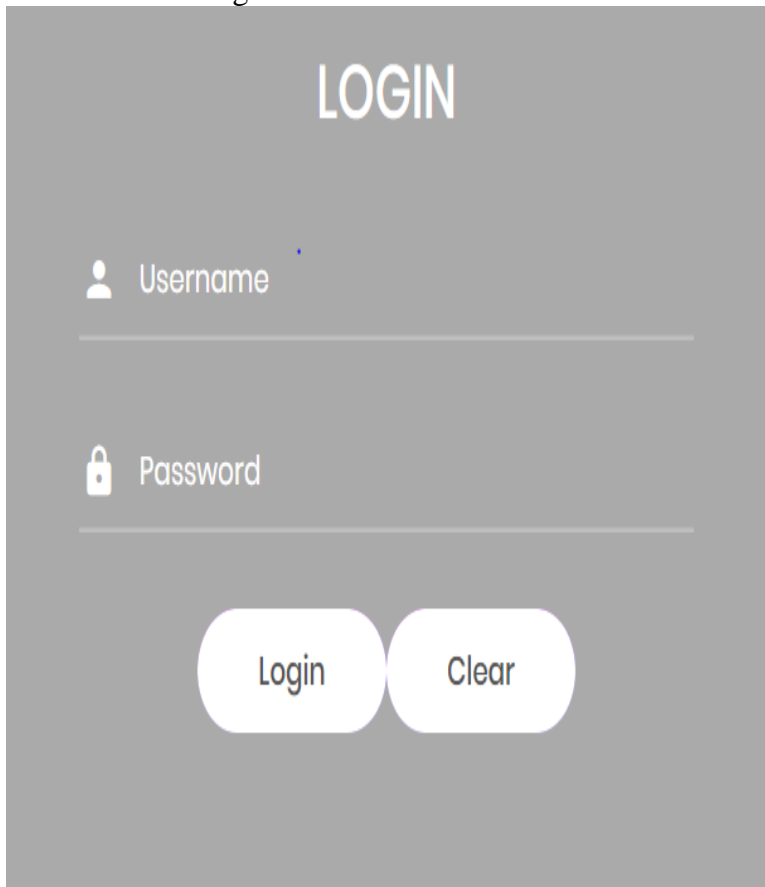
Email ID

Mobile

Submit

Clear

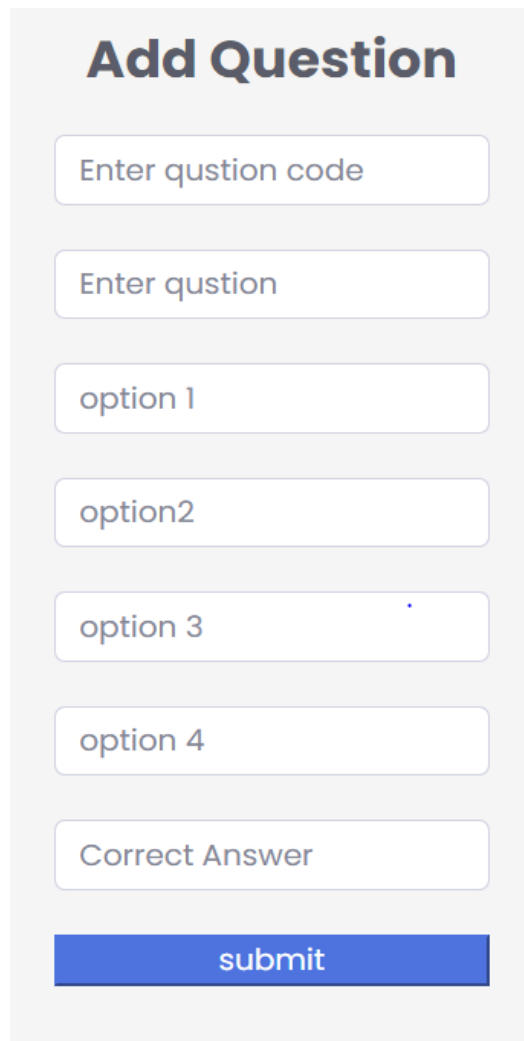
Form Name : User Login

A login form with a grey background. At the top, the word "LOGIN" is written in large, white, sans-serif capital letters. Below it, there are two input fields. The first field is labeled "Username" with a small person icon to its left. The second field is labeled "Password" with a small padlock icon to its left. At the bottom of the form, there are two white buttons with rounded corners: "Login" and "Clear".

Form Name : student approval

Name	Email	Mobile	Age	Qualification	Hmark	HSmark	Intrestred Area	Action	
vidya	silja	999999999	9	bcs	9	9	44	Approve	Reject
asdf	asdf	1234	12		44	44	sd	Approve	Reject
nimisha	nimisha@gmail.com	88888888	88		99	99	hhh	Approve	Reject
sreya	shera@gmail.com	2147483647	20	plustwo	80	89	bca	Approve	Reject

Form Name : Add question



The image shows a web form titled "Add Question" with a light gray background. It contains several input fields and a submit button. The fields are labeled "Enter question code", "Enter question", "option 1", "option2", "option 3", "option 4", and "Correct Answer". The "submit" button is blue with white text.

Add Question

Enter question code

Enter question

option 1

option2

option 3

option 4

Correct Answer

submit

4.3.2 OUTPUT DESIGN

User Login

Customer Registration

Contractor Registration

DATABASE DESIGN

A database is an organized mechanism that has the capability of storing information through which a user can retrieve stored information in an effective and efficient manner. The data is the purpose of any database and must be protected.

The database design is a two level process. In the first step, user requirements are gathered together and a database is designed which will meet these requirements as clearly as possible. This step is called Information Level Design and it is taken independent of any individual DBMS.

In the second step, this Information level design is transferred into a design for the specific DBMS that will be used to implement the system in question. This step is called Physical Level Design, concerned with the characteristics of the specific DBMS that will be used. A database design runs parallel with the system design. The organization of the data in the database is aimed to achieve the following two major objectives.

- Data Integrity
- Data independence

Relational Database Management System (RDBMS)

A relational model represents the database as a collection of relations. Each relation resembles a table of values or file of records. In formal relational model terminology, a row is called a tuple, a column header is called an attribute and the table is called a relation. A relational database consists of a collection of tables, each of which is assigned a unique name. A row in a table represents a set of related values.

Relations, Domains & Attributes

A table is a relation. The rows in a table are called tuples. A tuple is an ordered set of n elements. Columns are referred to as attributes. Relationships have been set between every table in the database. This ensures both Referential and Entity Relationship Integrity. A domain D is a set of atomic values. A common method of specifying a domain is to specify a data type from which the data values forming the domain are drawn. It is also useful to specify a name for the domain to help in interpreting its values.

Every value in a relation is atomic, that is not decomposable.

Relationships

- Table relationships are established using Key. The two main keys of prime importance are Primary Key & Foreign Key. Entity Integrity and Referential Integrity Relationships can be established with these keys.
- Entity Integrity enforces that no Primary Key can have null values.
- Referential Integrity enforces that no Primary Key can have null values.
- Referential Integrity for each distinct Foreign Key value, there must exist a matching Primary Key value in the same domain. Other key are Super Key and Candidate Keys.

Normalization

Data are grouped together in the simplest way so that later changes can be made with minimum impact on data structures. Normalization is formal process of data structures in manners that eliminates redundancy and promotes integrity. Normalization is a technique of separating redundant fields and breaking up a large table into a smaller one. It is also used to avoid insertion, deletion, and updating anomalies. Normal form in data modelling use two concepts, keys and relationships. A key uniquely identifies a row in a table. There are two types of keys, primary key and foreign key. A primary key is an element or a combination of elements in a table whose purpose is to identify records from the same table. A foreign key is a column in a table that uniquely identifies record from a different table. All the tables have been normalized up to the third normal form.

As the name implies, it denotes putting things in the normal form. The application developer via normalization tries to achieve a sensible organization of data into proper tables and columns and where names can be easily correlated to the data by the user. Normalization eliminates repeating groups at data and thereby avoids data redundancy which proves to be a great burden on the computer resources. These include:

- ✓ Normalize the data.
- ✓ Choose proper names for the tables and columns.
- ✓ Choose the proper name for the data.

First Normal Form

The First Normal Form states that the domain of an attribute must include only atomic values and that the value of any attribute in a tuple must be a single value from the domain of that attribute. In other words 1NF disallows “relations within relations” or “relations as attribute values within tuples”. The only attribute values permitted by 1NF are single atomic or indivisible values. The first step is to put the data into First Normal Form. This can be done by moving data into separate tables where the data is of similar type in each table. Each table is given a Primary Key or Foreign Key as per requirement of the project. In this we form new relations for each non-atomic attribute or nested relation. This eliminated repeating groups of data. A relation is said to be in first normal form if only if it satisfies the constraints that contain the primary key only.

Second Normal Form

According to Second Normal Form, for relations where primary key contains multiple attributes, no non-key attribute should be functionally dependent on a part of the primary key. In this we decompose and setup a new relation for each partial key with its dependent attributes. Make sure to keep a relation with the original primary key and any attributes that are fully functionally dependent on it. This step helps in taking out data that is only dependent on a part of the key. A relation is said to be in second normal form if and only if it satisfies all the first normal form conditions for the primary key and every non-primary key attributes of the relation is fully dependent on its primary key alone.

Third Normal Form

According to Third Normal Form, Relation should not have a non-key attribute functionally determined by another non-key attribute or by a set of non-key attributes. That is, there should be no transitive dependency on the primary key. In this we decompose and set up relation that includes the non-key attributes that functionally determines other non-key attributes. This step is taken to get rid of anything that does not depend entirely on the Primary Key. A relation is said to be in third normal form if only if it is in second normal form and more over the non key attributes of the relation should not be depend on other non-key attribute.

TABLE DESIGN**Table No 01****Table Name : tbl_login****Primary Key : login_id****Foreign Key :****Table Description : To store user Login information**

Field Name	DataType	Constraints
login_id	Bigint(20)	PrimaryKey
Username	Varchar(50)	Unique
Password	Varchar(20)	Notnull
UserType	Varchar(20)	Notnull
Email	Varchar(20)	Unique
Status	Varchar(5)	Notnull

Table No 02**Table Name : tb_ student****Primary Key : std_id****Foreign Key : log_id,****Table Description: To store student registration information**

Field Name	DataType	Constraints
Std_id	Int(20)	Primarykey
Login_id	Int(20)	F.K
Std_name	Varchar(20)	Notnull
Std_email	Varchar(20)	Notnull
Std_mob	Varchar(20)	Unique
Std_gender	Varchar(20)	Notnull
Std_age	Int(20)	Notnull
Std_photo	varchar(50)	Notnull
Std_qualification	int(100)	Notnull

Std_interestedarea	Int(100)	Notnull
Std_hscertificate	Varchar(20)	Notnull
Std_hcertificate	Varchar(20)	Notnull
Std_academicbreak	Int(20)	Notnull
Std_doj	date	Notnull
Std_status	Int(3)	Notnull

Table No 03

Table Name : tbl_parent

Primary Key : p_id

Foreign Key : log_id

Table Description: To store parent registration information

Field Name	Data Type	Constraints
p_id	Int(20)	Primary key
login_id	Int(20)	F.K
Std_id	Int(20)	F.K
P_Name	Varchar(50)	Notnull
P_Place	Varchar(50)	Notnull
P_Address	Varchar(50)	Notnull
P_Mobile	Int(20)	Unique
P_photo	Int(20)	Notnull

Table No 04

Table Name : tb_qntype

Primary Key : qn_id

Foreign Key : null

Table Description: To store question type information

Field Name	Data Type	Constraints
QnType_id	Int(20)	Primary key
Typename	Varchar(20)	Notnull

Table No :05

Table Name tb_qndetails

Primary Key : qn_id

Foreign Key : log_id,

Table Description: To store question details

Field Name	Data Type	Constraints
Qn_id	Int(20)	primarykey
Qn_code	Int(20)	F.K
Question	Varchar(100)	Notnull
Option1	Varchar(50)	Notnull
Option2	Varchar(50)	Notnull
Option3	Varchar(50)	Notnull
Option4	Varchar(50)	Notnull
correctanswer	Varchar(50)	Notnull

Table No 06

Table Name : tbl_stdtest

Primary Key : test_id

Foreign Key : std_id,qn_code

Table Description: To store test details

Field Name	Data Type	Constraints
Test_id	Int(20)	primarykey
Std_id	Int(20)	F.K
Qn_code	Int(20)	F.K

Date	date	Notnull
Time	Int(20)	Notnull
Mark	Int(30)	Notnull

Table No 07

Table Name : tbl_stdmark details

Primary Key : stdmarkid

Foreign Key :std_id

Table Description: To store student mark details

Field Name	Data Type	Constraints
Stdmark_id	Int(20)	primarykey
Std_id	Int(20)	F.K
Qn_code	Int(20)	F.K
Test_id	Int(20)	F.K
Std_answer	Varchar(50)	Notnull
mark	Int(30)	Notnull

Table No 08

Table Name : tb_course

Primary Key : c_id

Foreign Key :

Table Description: To store course details

Field Name	Data Type	Constraints
C_id	Int(20)	PrimaryKey
Course name	Varchar(20)	Not null
C_duration	Varchar(20)	Notnull
C_fee	Int(20)	Notnull
Collegename	Varchar(20)	Notnull
College_no	Int(20)	Notnull
College_plc	Varchar(50)	Notnull
University	Varchar(50)	Notnull
CD_video	Varchar(200)	Notnull

CHAPTER 5

SYSTEM TESTING

INTRODUCTION

Software Testing is the process of executing software in a controlled manner, in order to answer the question - Does the software behave as specified? Software testing is often used in association with the terms verification and validation. Validation is the checking or testing of items, includes software, for conformance and consistency with an associated specification. Software testing is just one kind of verification, which also uses techniques such as reviews, analysis, inspections, and walkthroughs. Validation is the process of checking that what has been specified is what the user actually wanted.

Other activities which are often associated with software testing are static analysis and dynamic analysis. Static analysis investigates the source code of software, looking for problems and gathering metrics without actually executing the code. Dynamic analysis looks at the behavior of software while it is executing, to provide information such as execution traces, timing profiles, and test coverage information.

Testing is a set of activity that can be planned in advanced and conducted systematically. Testing begins at the module level and work towards the integration of entire computers based system. Nothing is complete without testing, as it vital success of the system testing objectives, there are several rules that can serve as testing objectives. They are:

Testing is a process of executing a program with the intent of finding an error.

- A good test case is one that has high possibility of finding an undiscovered error.
- A successful test is one that uncovers an undiscovered error.

If a testing is conducted successfully according to the objectives as stated above, it would uncover errors in the software. Also testing demonstrate that the software function appear to be working according to the specification, that performance requirement appear to have been met.

There are three ways to test program.

- For correctness
- For implementation efficiency
- For computational complexity

Test for correctness are supposed to verify that a program does exactly what it was designed to do. This is much more difficult than it may at first appear, especially for large programs.

TEST PLAN

A test plan implies a series of desired course of action to be followed in accomplishing various testing methods. The Test Plan acts as a blue print for the action that is to be followed. The software engineers create a computer program, its documentation and related data structures. The software developers is always responsible for testing the individual units of the programs, ensuring that each performs the function for which it was designed. There is an independent test group (ITG) which is to remove the inherent problems associated with letting the builder to test the thing that has been built. The specific objectives of testing should be stated in measurable terms. So that the mean time to failure, the cost to find and fix the defects, remaining defect density or frequency of occurrence and test work-hours per regression test all should be stated within the test plan.

The levels of testing include:

- ❖ Unit testing
- ❖ Integration Testing
- ❖ Data validation Testing
- ❖ Output Testing

Unit Testing

Unit testing focuses verification effort on the smallest unit of software design – the software component or module. Using the component level design description as a guide, important control paths are tested to uncover errors within the boundary of the module. The relative complexity of tests and uncovered scope established for unit testing. The unit testing is white-box oriented, and step can be conducted in parallel for multiple components. The modular interface is tested to ensure that information properly flows into and out of the program unit under test. The local data structure is examined to ensure that data stored temporarily maintains its integrity during all steps in an algorithm's execution. Boundary conditions are tested to ensure that all statements in a module have been executed at least once. Finally, all error handling paths are tested.

Tests of data flow across a module interface are required before any other test is initiated. If data do not enter and exit properly, all other tests are moot. Selective testing of execution paths is an essential task during the unit test. Good design dictates that error conditions be anticipated and error handling paths set up to reroute or cleanly terminate processing when an error does occur. Boundary testing is the last task of unit testing step. Software often fails at its boundaries.

Unit testing was done in Sell-Soft System by treating each module as separate entity and testing each one of them with a wide spectrum of test inputs. Some flaws in the internal logic of the modules were found and were rectified. After coding each module is tested and run individually. All unnecessary code were removed and ensured that all modules are working, and gives the expected result.

Integration Testing

Integration testing is systematic technique for constructing the program structure while at the same time conducting tests to uncover errors associated with interfacing. The objective is to take unit tested components and build a program structure that has been dictated by design. The entire program is tested as whole. Correction is difficult because isolation of causes is complicated by vast expanse of entire program. Once these errors are corrected, new ones appear and the process continues in a seemingly endless loop. After performing unit testing in the System all the modules were integrated to test for any inconsistencies in the interfaces. Moreover differences in program structures were removed and a unique program structure was evolved.

Validation Testing or System Testing

This is the final step in testing. In this the entire system was tested as a whole with all forms, code, modules and class modules. This form of testing is popularly known as Black Box testing or System tests.

Black Box testing method focuses on the functional requirements of the software. That is, Black Box testing enables the software engineer to derive sets of input conditions that will fully exercise all functional requirements for a program.

Black Box testing attempts to find errors in the following categories; incorrect or missing functions, interface errors, errors in data structures or external data access, performance errors and initialization errors and termination errors.

Output Testing or User Acceptance Testing

The system considered is tested for user acceptance; here it should satisfy the firm's need. The software should keep in touch with perspective system; user at the time of developing and making changes whenever required. This done with respect to the following points:

- Input Screen Designs,
- Output Screen Designs,

The above testing is done taking various kinds of test data. Preparation of test data plays a vital role in the system testing. After preparing the test data, the system under study is tested using that test data. While testing the system by which test data errors are again uncovered and corrected by using above testing steps and corrections are also noted for future use.

CHAPTER 6

IMPLEMENTATION

INTRODUCTION

Implementation is the stage of the project where the theoretical design is turned into a working system. It can be considered to be the most crucial stage in achieving a successful new system gaining the users confidence that the new system will work and will be effective and accurate. It is primarily concerned with user training and documentation. Conversion usually takes place about the same time the user is being trained or later. Implementation simply meansconvening a new system design into operation, which is the process of converting a new revised system design into an operational one.

At this stage the main work load, the greatest upheaval and the major impact on the existing system shifts to the user department. If the implementation is not carefully planned or controlled, it can create chaos and confusion.

Implementation includes all those activities that take place to convert from the existing system to the new system. The new system may be a totally new, replacing an existing manual or automated system or it may be a modification to an existing system. Proper implementation is essential to provide a reliable system to meet organization requirements. The process of putting the developed system in actual use is called system implementation. This includes all those activities that take place to convert from the old system to the new system. The system can be implemented only after through testing is done and if it is found to be working according to the specifications. The system personnel check the feasibility of the system. The more complex the system being implemented, the more involved will be the system analysis and design effort required to implement the three main aspects: education and training, system testing and changeover.

The implementation state involves the following tasks:

- ❑ Careful planning.
- ❑ Investigation of system and constraints.
- ❑ Design of methods to achieve the changeover.

IMPLEMENTATION PROCEDURES

Implementation of software refers to the final installation of the package in its real environment, to the satisfaction of the intended uses and the operation of the system. In many organizations someone who will not be operating it, will commission the software development project. In the initial stage people doubt about the software but we have to

ensure that the resistance does not build up, as one has to make sure that:

- The active user must be aware of the benefits of using the new system.
- Their confidence in the software is built up.
- Proper guidance is imparted to the user so that he is comfortable in using the application.

Before going ahead and viewing the system, the user must know that for viewing the result, the server program should be running in the server. If the server object is not up running on the server, the actual process won't take place.

User Training

User training is designed to prepare the user for testing and converting the system. To achieve the objective and benefits expected from computer based system, it is essential for the people who will be involved to be confident of their role in the new system. As system becomes more complex, the need for training is more important. By user training the user comes to know how to enter data, respond to error messages, interrogate the database and call up routine that will produce reports and perform other necessary functions.

Training on the Application Software

After providing the necessary basic training on computer awareness the user will have to be trained on the new application software. This will give the underlying philosophy of the use of the new system such as the screen flow, screen design type of help on the screen, type of errors while entering the data, the corresponding validation check at each entry and the ways to correct the data entered. It should then cover information needed by the specific user/ group to use the system or part of the system while imparting the training of the program on the application. This training may be different across different user groups and across different levels of hierarchy

System Maintenance

Maintenance is the enigma of system development. The maintenance phase of the software cycle is the time in which a software product performs useful work. After a system is successfully implemented, it should be maintained in a proper manner. System maintenance is an important aspect in the software development life cycle. The need for system maintenance is for it to make adaptable to the changes in the system environment. Software maintenance is of course, far more than "Finding Mistakes".

CHAPTER 7

CONCLUSION AND FUTURE SCOPE

CONCLUSION

The current system working technology is old fashioned and there is no usage of commonly used technologies like internet, digital money. The proposed system introduces facility for student to attend test and find the perfect course for them. Provides lots of advantages like clearing doubt to the guide etc.

FUTURE SCOPE

- The proposed system is designed in such a way that the payment should be done in online mode.
- Student can able to do advanced options to search collage, course.
- Student can able to add complaints and feedbacks etc.
- student can able to apply courses.
- Data security can be enhanced.

CHAPTER 8

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- www.agilemodeling.com/artifacts/useCaseDiagram.html

CHAPTER 9

APPENDIX

Reg.php

```
<?php
    include("connection.php");
?>
<!DOCTYPE html>
<html lang="en">
<head>
<title>Career Guidance</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<link href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700,800" rel="stylesheet">

<link rel="stylesheet" href="css/open-iconic-bootstrap.min.css">
<link rel="stylesheet" href="css/animate.css">

<link rel="stylesheet" href="css/owl.carousel.min.css">
<link rel="stylesheet" href="css/owl.theme.default.min.css">
<link rel="stylesheet" href="css/magnific-popup.css">
```

```

<link rel="stylesheet" href="css/aos.css">

<link rel="stylesheet" href="css/ionicons.min.css">

<link rel="stylesheet" href="css/bootstrap-datepicker.css">
<link rel="stylesheet" href="css/jquery.timepicker.css">


<link rel="stylesheet" href="css/flaticon.css">
<link rel="stylesheet" href="css/icomoon.css">
<link rel="stylesheet" href="css/style.css">
</head>

<script type="text/javascript">
function validateImage() {
    var formData = new FormData();

    var file = document.getElementById("image").files[0];

    formData.append("Filedata", file);
    var t = file.type.split('/').pop().toLowerCase();
    if (t != "jpeg" && t != "jpg" && t != "png" && t != "bmp" && t != "gif") {
        alert('Please select a valid image file');
        document.getElementById("image").value = "";
        return false;
    }
    if (file.size > 1024000 ) {
        alert('Max Upload size is 1MB only');
        document.getElementById("image").value = "";
        return false;
    }
    return true;
}
</script>
<script type="text/javascript">

var emailreg = /^[A-Za-z0-9_\-\.]+\@([A-Za-z0-9_\-\.]+\.[A-Za-z]{2,4})$/;

function doSubmit()
{
    var illegalChars = /\W/; // allow letters, numbers, and underscores
    if(document.getElementById('username').value == "")
    {
        alert("Please Enter Username");
        document.getElementById("form1").username.focus();
    }
    else if (illegalChars.test(username.value))
    {
        alert("Username can accept alphabets numbers and underscore only");
        document.getElementById('form1').username.focus();
    }
    else if (document.getElementById('username').value.length <=4)

```



```

{
    alert("Username is too short");
    document.getElementById('form1').username.focus();
}
else if(document.getElementById('username').value.length >=15)
{
    alert("Username is long");
    document.getElementById('form1').username.focus();
}
/* else if(document.getElementById('passwd').value == "")
{
    alert("Please Enter Password");
    document.getElementById("form1").passwd.focus();
}
else if(document.getElementById('passwd').value.length <=4)
{
    alert("Password is too short");
    document.getElementById('form1').passwd.focus();
}
else if(document.getElementById('passwd').value.length >=15)
{
    alert("Password is long");
    document.getElementById('form1').passwd.focus();
}
else if(document.getElementById('passwd').value != document.getElementById('conpassword').value)
{
    alert("Passwords Should Match");
    document.getElementById("form1 ").conpassword.focus();
}
else if(document.getElementById('name').value == "")
{
    alert("Please Enter Your Name");
    document.getElementById("form1 ").name.focus();
}
else if( /^[^a-zA-Z ]/.test( document.getElementById('name').value ) )
{
    alert('Name is not alphanumeric');
    document.getElementById("form1").name.focus();
}

else if(document.getElementById('emailid').value == "")
{
    alert("Please Enter Email ID");
    document.getElementById("form1").emailid.focus();
}
else if(emailreg.test(document.getElementById('emailid').value) == false)
{
    alert("Invalid Email ID");
    document.getElementById("form1 ").emailid.focus();
}
else if(document.getElementById('mobile').value == "")

```

```

        alert("Please Enter Mobile");
        document.getElementById("form1").mobile.focus();
    }
    else if(isNaN(document.getElementById('mobile').value))
    {
        alert("Mobile Should Be A Number");
        document.getElementById("form1").mobile.focus();
    }
    else if(document.getElementById('mobile').value.length != 10)
    {
        alert("Invalid Mobile Number");
        document.getElementById("form1").mobile.focus();
    }
    else if(document.getElementById('age').value == "")
    {
        alert("Please Enter YOUR Age");
        document.getElementById("form1").mobile.focus();
    }
    else if(isNaN(document.getElementById('age').value))
    {
        alert("Age Should Be A Number");
        document.getElementById("form1").mobile.focus();
    }
    {
        alert("Please Enter qualification");
        document.getElementById('form1').username.focus();
    }
    else if(document.getElementById('hc').value == "")
    {
        alert("Please Enter SSLC mark");
        document.getElementById('form1').username.focus();
    }
    {
        alert("Please Enter plus two mark");
        document.getElementById('form1').username.focus();
    }

    else if(document.getElementById('ia').value == "")
    {
        alert("Please Enter intrested area");
        document.getElementById('form1').username.focus();
    }
    /*/

    else
    {
        document.getElementById('form1').action = 'insertstudent.php';
        document.getElementById('form1').submit();
    }
}

function doClear()
{

```

```

document.getElementById('username').value = "";
document.getElementById('passwd').value = "";
document.getElementById('conpassword').value = "";
document.getElementById('name').value = "";
document.getElementById('emailid').value = "";
document.getElementById('mobile').value = "";
document.getElementById('age').value = "";
document.getElementById('ql').value = "";
document.getElementById('ia').value = "";
document.getElementById('ab').value = "";

}
</script>
<body class="goto-here">

<nav class="navbar navbar-expand-lg navbar-dark ftco_navbar bg-dark ftco-navbar-light" id="ftco-navbar">
  <div class="container">
    <a class="navbar-brand" href="index.php">CAREER GUIDANCE</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#ftco-nav" aria-controls="ftco-nav" aria-expanded="false" aria-label="Toggle navigation">

    </div>
  </div>
</nav>
<!-- END nav -->

<div class="hero-wrap hero-bread" style="background-image: url('contact-hero.jpg');">
  <div class="container">
    <div class="row no-gutters slider-text align-items-center justify-content-center">
      <div class="col-md-9 ftco-animate text-center">
        <p class="breadcrumbs"><span class="mr-2"><span>REGISTRATION PAGE</span></span></p>
        <h1 class="mb-0 bread">career guide</h1>
      </div>
    </div>
  </div>
</div>

<section class="ftco-section bg-light">
  <div class="container">
    <h3><center><b> STUDENT REGISTRATION</b></center></h3><br>

    <div class="row">

      <div class="col-md-8 col-lg-10 order-md-last">
        <div class="row">
          <table align="center" >
            <form id="form1" name="form1" method='post' autocomplete="off">

              <tr>
                <span><sup class="star">*</sup></span></td>
                <th><span> Username</span><sup class="star">*</sup></th>
                <td style="padding:10px;" ><input type="text" value="" name="username"

Amal Jyothi College of Engineering, Kanjirappally
Department of Computer Applications

```

```

id="username" ></td></tr>

<tr><th></th></tr><br><br>
<tr><th>Password</th><td style='padding:10px;' ><input type="password"
value="" name="passwd" id="passwd" ></td></tr>

<tr>
<th>Confirm Password</th><td style='padding:10px;' ><input
type="password" value="" name="conpassword" id="conpassword"></td></tr>
<tr><th></th></tr><br><br>
<tr>
<th>Name</th><td style='padding:10px;' ><input type="text" value=""
name="name" id="name" ></td></tr>

<tr><th></th></tr><br><br>

<tr>
<th>Email ID</th><td style='padding:10px;' ><input type="email" value=""
name="emailid" id="emailid" ></td></tr>

<tr><th></th></tr><br><br>
<tr>
<th>Mobile</th><td style='padding:10px;' ><input type="text" value=""
name="mobile" id="mobile" ></td></tr>

<tr><th></th></tr><br><br>
<tr>
<th>Age</th><td style='padding:10px;' ><input type="text" value=""
name="age" id="age" ></td></tr>

<tr><th></th></tr><br><br>
<br><br>
<tr><th>Photo</th><td style='padding:10px;' ><input type="file" value=""
name="hc" id="hc" onchange="validateImage()" ></td></tr>

<tr>
<th>Qualification</th><td style='padding:10px;' ><input type="text"
value="" name="ql" id="ql" pattern="[a-zA-Z]"></td></tr>
<tr><th></th></tr><br><br>

<tr><th>SSLC MARK</th><td style='padding:10px;' ><input type="text"
value="" name="hc" id="hc" ></td></tr>

<tr><th>PLUS TWO MARK</th><td style='padding:10px;' ><input
type="text" value="" name="hs" id="hs"></td></tr><br><br>
<tr>
<th>interested Area</th><td style='padding:10px;' ><input type="text"
value="" name="ia" id="ia"></td></tr>

<tr><th></th></tr><br><br>
<tr>
<th>Academic Break</th><td style='padding:10px;' ><input type="text"
value="" name="ab" id="ab"></td></tr>

<tr><th></th></tr><br><br>
<th>Image</th><td style='padding:10px;' ><input type="file" name="image"
id="image" ></td></tr>

<tr><td><p>
<input type="button" name="b" value='Submit' onclick='doSubmit();' />
<td><p><input type="button"

```



```

<script src="js/scrollax.min.js"></script>
<script
src="https://maps.googleapis.com/maps/api/js?key=AIzaSyBVWaKrjvy3MaE7SQ74_uJiULgl1JY0H2s&sensor=false"></scri
pt>
<script src="js/google-map.js"></script>
<script src="js/main.js"></script>

</body>
</html>

```

Changepassword.php

```

<?php

session_start();
if( ! (isset($_SESSION['userid']) && isset($_SESSION['usertype']) && $_SESSION['usertype'] == "customer") )
    header('Location: ../login.php');

require_once("../include/database.inc");

$con = mysqli_connect($servername, $username, $password);
mysqli_select_db($con , $database);

$query = "select username from users where userid='$_SESSION[userid]' and stats = 1";
$result = mysqli_query($con, $query);
$row = mysqli_fetch_array($result);

if( isset($_POST['username']) && $_POST['username'] != "" )
{
    require_once("../include/database.inc");

    $con = mysqli_connect($servername, $username, $password);
    mysqli_select_db($con , $database);

    $query ="update users set Passwd = '$_POST[passwd]' where userid = '$_SESSION[userid]' ; ";
    mysqli_query($con, $query);

    $rows = 0;
    $rows += mysqli_affected_rows($con);

    if($rows >= 0)
    {
        echo "<script>alert('Customer Password Changed'); document.location.href='customer_home.php';</script>";
    }
    else
    {
        echo "<script>alert('Error. Please Retry'); document.location.href = 'customer_home.php';</script>";
    }
}

```

?>

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Virtual Mall</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<link href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700,800" rel="stylesheet">

<link rel="stylesheet" href="css/open-iconic-bootstrap.min.css">
<link rel="stylesheet" href="css/animate.css">

<link rel="stylesheet" href="css/owl.carousel.min.css">
<link rel="stylesheet" href="css/owl.theme.default.min.css">
<link rel="stylesheet" href="css/magnific-popup.css">

<link rel="stylesheet" href="css/aos.css">

<link rel="stylesheet" href="css/ionicons.min.css">

<link rel="stylesheet" href="css/bootstrap-datepicker.css">
<link rel="stylesheet" href="css/jquery.timepicker.css">

<link rel="stylesheet" href="css/flaticon.css">
<link rel="stylesheet" href="css/icomoon.css">
<link rel="stylesheet" href="css/style.css">

</head>
<script type="text/javascript">
```

```
var emailreg = /^[A-Za-z0-9_\-\.]+\@([A-Za-z0-9_\-\.]+\.[A-Za-z]{2,4})$/;
```

```
function doClear() {
    //document.getElementById('username').value = "";
    document.getElementById('passwd').value = "";
    document.getElementById('conpassword').value = "";
}

function doChange()
{
    if(document.getElementById('username').value == "")
    {
        alert("Please Enter User Name");
        document.getElementById("form1").username.focus();
    }
}
```

```

else if(document.getElementById('passwd').value == "")
{
    alert("Please Enter New Password");
    document.getElementById("form1").passwd.focus();
}
else if(document.getElementById('passwd').value.length <=4)
{
    alert("Password is too short");
    document.getElementById('form1').passwd.focus();
}
else if(document.getElementById('passwd').value.length >=10)
{
    alert("Password is long");
    document.getElementById('form1').passwd.focus();
}
else if(document.getElementById('passwd').value != document.getElementById('conpassword').value)
{
    alert("Passwords Should Match");
    document.getElementById("form1").conpassword.focus();
}
else
{
    document.getElementById('form1').action = "changepassword.php";
    document.getElementById('form1').submit();
}
}
</script>
<body class="goto-here">

<nav class="navbar navbar-expand-lg navbar-dark ftco_navbar bg-dark ftco-navbar-light" id="ftco-navbar">
  <div class="container">
    <a class="navbar-brand" href="index.html">VIRTUAL MALL</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#ftco-nav" aria-controls="ftco-nav" aria-expanded="false" aria-label="Toggle navigation">
      <span class="oi oi-menu"></span> Menu
    </button>

    <div class="collapse navbar-collapse" id="ftco-nav">
      <ul class="navbar-nav ml-auto">
        <li class="nav-item"><a href=" ../about.php" class="nav-link">About Us</a></li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle" href="#" id="dropdown04" data-toggle="dropdown" aria-haspopup="true"
aria-expanded="false">Shop</a>
          <div class="dropdown-menu" aria-labelledby="dropdown04">
            <a class="dropdown-item" href=" ../kids.php">Kids</a>
            <a class="dropdown-item" href=" ../ladies.php">Ladies</a>
            <a class="dropdown-item" href=" ../gents.php">Gents</a>
            <a class="dropdown-item" href=" ../footware.php">Footwear</a>
          </div>
        </li>
        <li class="nav-item"><a href=" ../contact.php" class="nav-link">Contact</a></li>

```



```

        </ul>
    </div>
</div>
</nav>
<!-- END nav -->

<div class="hero-wrap hero-bread" style="background-image: url('images/bg_6.jpg');">
    <div class="container">
        <div class="row no-gutters slider-text align-items-center justify-content-center">
            <div class="col-md-9 ftco-animate text-center">
                <p class="breadcrumbs"><span class="mr-2"></span> <span>CUSTOMER PAGE</span></p>
                <h1 class="mb-0 bread"> Virtual Mall</h1>
            </div>
        </div>
    </div>
</div>
</div>
</div>

<section class="ftco-section bg-light">
    <div class="container">
        <div class="row">

            <div class="col-md-8 col-lg-10 order-md-last">
                <h3><center><b>CHANGE PASSWORD</b></center></h3> <br>

                <div class="row">
                    <table align="center" >
                        <form name="form1" id='form1' method="post" >
                            <tr >
                                <th>Username</th><td style='padding:10px;' >
                                    <input type="text" name="username" id="username" readonly
                                    value = '<?php if(isset($row)) echo $row[0]; else echo ""; ?>'
                                    ></td></tr>
                                <tr><th></th></tr><br><br>
                                <tr><th>Password</th><td style='padding:10px;' >
                                    <input type="password" value="" name="passwd" id="passwd" ></td></tr>

                                <tr>
                                    <th>Confirm Password</th><td style='padding:10px;' >
                                        <input type="password" value="" name="conpassword" id='conpassword'
                                        ></td></tr>
                            </table>

                            <tr><th></th></tr><br><br>
                            <tr><th></th></tr><br><br>
                            <br><br><br><br><br><br><br><br>

                            <tr><td><p><input type='button' name="b" value='Change'
                                onclick='doChange();' /></td>

                            <td><p><input type='button' value='Clear' onclick='doClear();' /></td></tr>
                        </form></table>

                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

Department of Computer Applications

```

<!-- loader -->
<div id="ftco-loader" class="show fullscreen"><svg class="circular" width="48px" height="48px"><circle class="path-bg"
cx="24" cy="24" r="22" fill="none" stroke-width="4" stroke="#eeeeee"/><circle class="path" cx="24" cy="24" r="22"
fill="none" stroke-width="4" stroke-miterlimit="10" stroke="#F96D00"/></svg></div>

<script src="js/jquery.min.js"></script>
<script src="js/jquery-migrate-3.0.1.min.js"></script>
<script src="js/popper.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/jquery.easing.1.3.js"></script>
<script src="js/jquery.waypoints.min.js"></script>
<script src="js/jquery.stellar.min.js"></script>
<script src="js/owl.carousel.min.js"></script>
<script src="js/jquery.magnific-popup.min.js"></script>
<script src="js/aos.js"></script>
<script src="js/jquery.animateNumber.min.js"></script>
<script src="js/bootstrap-datepicker.js"></script>
<script src="js/scrollax.min.js"></script>
<script
src="https://maps.googleapis.com/maps/api/js?key=AIzaSyBVWaKrjvy3MaE7SQ74_uJiULgl1JY0H2s&sensor=false"></scri
pt>
<script src="js/google-map.js"></script>
<script src="js/main.js"></script>

</body>
</html>
Managestudent.php

<?php
session_start();

//require_once("connection.php");

//$conn = mysqli_connect($servername, $username, $password, $db);

//$query = "select name,email,mobile,age,IA,AB from tb_students";

//echo $query;

//$result = mysqli_query($conn, $query);
//$row = mysqli_fetch_array($result);
?>
<!DOCTYPE html>
<html lang="en">

<head>

<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">

```

```

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<meta name="description" content="">
<meta name="author" content="">

<title>ADMIN - Blank</title>

<!-- Custom fonts for this template-->
<link href="vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
<link
  href="https://fonts.googleapis.com/css?family=Nunito:200,200i,300,300i,400,400i,600,600i,700,700i,800,800i,900,900i"
  rel="stylesheet">

<!-- Custom styles for this template-->
<link href="css/sb-admin-2.min.css" rel="stylesheet">

</head>

<body id="page-top">

  <!-- Page Wrapper -->
  <div id="wrapper">

    <!-- Sidebar -->
    <ul class="navbar-nav bg-gradient-primary sidebar sidebar-dark accordion" id="accordionSidebar">

      <!-- Sidebar - Brand -->
      <a class="sidebar-brand d-flex align-items-center justify-content-center" href="index.html">
        <div class="sidebar-brand-icon rotate-n-15">
          <i class="fas fa-laugh-wink"></i>
        </div>
        <div class="sidebar-brand-text mx-3">ADMIN<sup>2</sup></div>
      </a>

      <!-- Divider -->
      <hr class="sidebar-divider my-0">

      <!-- Nav Item - Dashboard -->
      <li class="nav-item">
        <a class="nav-link" href="index.html">
          <i class="fas fa-fw fa-tachometer-alt"></i>
          <span>Dashboard</span></a>
      </li>

      <!-- Divider -->
      <hr class="sidebar-divider">

      <!-- Heading -->
      <div class="sidebar-heading">
        Interface
      </div>

      <!-- Nav Item - Pages Collapse Menu -->

```

```

<li class="nav-item">
  <a class="nav-link collapsed" href="#" data-toggle="collapse" data-target="#collapseTwo"
    aria-expanded="true" aria-controls="collapseTwo">
    <i class="fas fa-fw fa-cog"></i>
    <span>Components</span>
  </a>
  <div id="collapseTwo" class="collapse" aria-labelledby="headingTwo" data-parent="#accordionSidebar">
    <div class="bg-white py-2 collapse-inner rounded">
      <h6 class="collapse-header">Custom Components:</h6>
      <a class="collapse-item" href="buttons.html">Buttons</a>
      <a class="collapse-item" href="cards.html">Cards</a>
    </div>
  </div>
</li>

```

```

<!-- Nav Item - Utilities Collapse Menu -->

```

```

<li class="nav-item">
  <a class="nav-link collapsed" href="#" data-toggle="collapse" data-target="#collapseUtilities"
    aria-expanded="true" aria-controls="collapseUtilities">
    <i class="fas fa-fw fa-wrench"></i>
    <span>Utilities</span>
  </a>
  <div id="collapseUtilities" class="collapse" aria-labelledby="headingUtilities"
    data-parent="#accordionSidebar">
    <div class="bg-white py-2 collapse-inner rounded">
      <h6 class="collapse-header">Custom Utilities:</h6>
      <a class="collapse-item" href="utilities-color.html">Colors</a>
      <a class="collapse-item" href="utilities-border.html">Borders</a>
      <a class="collapse-item" href="utilities-animation.html">Animations</a>
      <a class="collapse-item" href="utilities-other.html">Other</a>
    </div>
  </div>
</li>

```

```

<!-- Divider -->

```

```

<hr class="sidebar-divider">

```

```

<!-- Heading -->

```

```

<div class="sidebar-heading">
  Addons
</div>

```

```

<!-- Nav Item - Pages Collapse Menu -->

```

```

<li class="nav-item active">
  <a class="nav-link" href="#" data-toggle="collapse" data-target="#collapsePages" aria-expanded="true"
    aria-controls="collapsePages">
    <i class="fas fa-fw fa-folder"></i>
    <span>Pages</span>
  </a>
  <div id="collapsePages" class="collapse show" aria-labelledby="headingPages"
    data-parent="#accordionSidebar">
    <div class="bg-white py-2 collapse-inner rounded">

```

```

<h6 class="collapse-header">Functions:</h6>
<a class="collapse-item" href="404.html">404 Page</a>
<a class="collapse-item" href="managestudent.php">Manage student</a>
    <a class="collapse-item" href="manageparent.php">Manage Parent</a>
    <a class="collapse-item" href="addquestion.php">Add Question</a>
    <a class="collapse-item" href="addmark.php">Add Mark</a>
    <a class="collapse-item" href="stdperformance.php">view stident
performance</a>

    <a class="collapse-item" href="course.php">Suggest Course</a>
</div>
</li>

<!-- Nav Item - Charts -->
<li class="nav-item">
    <a class="nav-link" href="charts.html">
        <i class="fas fa-fw fa-chart-area"></i>
        <span>Charts</span></a>
</li>

<!-- Nav Item - Tables -->
<li class="nav-item">
    <a class="nav-link" href="tables.html">
        <i class="fas fa-fw fa-table"></i>
        <span>Tables</span></a>
</li>

<!-- Divider -->
<hr class="sidebar-divider d-none d-md-block">

<!-- Sidebar Toggler (Sidebar) -->
<div class="text-center d-none d-md-inline">
    <button class="rounded-circle border-0" id="sidebarToggle"></button>
</div>

</ul>
<!-- End of Sidebar -->

<!-- Content Wrapper -->
<div id="content-wrapper" class="d-flex flex-column">

    <!-- Main Content -->
    <div id="content">

        <!-- Topbar -->
        <nav class="navbar navbar-expand navbar-light bg-white topbar mb-4 static-top shadow">

            <!-- Sidebar Toggle (Topbar) -->
            <button id="sidebarToggleTop" class="btn btn-link d-md-none rounded-circle mr-3">
                <i class="fa fa-bars"></i>
            </button>

```

```

<!-- Topbar Search -->
<form
  class="d-none d-sm-inline-block form-inline mr-auto ml-md-3 my-2 my-md-0 mw-100 navbar-search">
  <div class="input-group">
    <input type="text" class="form-control bg-light border-0 small" placeholder="Search for..."
      aria-label="Search" aria-describedby="basic-addon2">
    <div class="input-group-append">
      <button class="btn btn-primary" type="button">
        <i class="fas fa-search fa-sm"></i>
      </button>
    </div>
  </div>
</form>

<!-- Topbar Navbar -->
<ul class="navbar-nav ml-auto">

  <!-- Nav Item - Search Dropdown (Visible Only XS) -->
  <li class="nav-item dropdown no-arrow d-sm-none">
    <a class="nav-link dropdown-toggle" href="#" id="searchDropdown" role="button"
      data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
      <i class="fas fa-search fa-fw"></i>
    </a>
    <!-- Dropdown - Messages -->
    <div class="dropdown-menu dropdown-menu-right p-3 shadow animated--grow-in"
      aria-labelledby="searchDropdown">
      <form class="form-inline mr-auto w-100 navbar-search">
        <div class="input-group">
          <input type="text" class="form-control bg-light border-0 small"
            placeholder="Search for..." aria-label="Search"
            aria-describedby="basic-addon2">
          <div class="input-group-append">
            <button class="btn btn-primary" type="button">
              <i class="fas fa-search fa-sm"></i>
            </button>
          </div>
        </div>
      </form>
    </div>
  </li>

  <!-- Nav Item - Alerts -->
  <li class="nav-item dropdown no-arrow mx-1">
    <a class="nav-link dropdown-toggle" href="#" id="alertsDropdown" role="button"
      data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
      <i class="fas fa-bell fa-fw"></i>
      <!-- Counter - Alerts -->
      <span class="badge badge-danger badge-counter"></span>
    </a>
    <!-- Dropdown - Alerts -->
    <div class="dropdown-list dropdown-menu dropdown-menu-right shadow animated--grow-in"
      aria-labelledby="alertsDropdown">

```

```

<h6 class="dropdown-header">
  Alerts Center
</h6>
<a class="dropdown-item d-flex align-items-center" href="#">
  <div class="mr-3">
    <div class="icon-circle bg-primary">
      <i class="fas fa-file-alt text-white"></i>
    </div>
  </div>
  <div>
    <div class="small text-gray-500">December 12, 2019</div>
    <span class="font-weight-bold">A new monthly report is ready to download!</span>
  </div>
</a>
<a class="dropdown-item d-flex align-items-center" href="#">
  <div class="mr-3">
    <div class="icon-circle bg-success">
      <i class="fas fa-donate text-white"></i>
    </div>
  </div>
  <div>
    <div class="small text-gray-500">December 7, 2019</div>
    $290.29 has been deposited into your account!
  </div>
</a>
<a class="dropdown-item d-flex align-items-center" href="#">
  <div class="mr-3">
    <div class="icon-circle bg-warning">
      <i class="fas fa-exclamation-triangle text-white"></i>
    </div>
  </div>
  <div>
    <div class="small text-gray-500">December 2, 2019</div>
    Spending Alert: We've noticed unusually high spending for your account.
  </div>
</a>
<a class="dropdown-item text-center small text-gray-500" href="#">Show All Alerts</a>
</div>
</li>

<!-- Nav Item - Messages -->
<li class="nav-item dropdown no-arrow mx-1">
  <a class="nav-link dropdown-toggle" href="#" id="messagesDropdown" role="button"
    data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
    <i class="fas fa-envelope fa-fw"></i>
    <!-- Counter - Messages -->
    <span class="badge badge-danger badge-counter"></span>
  </a>
  <!-- Dropdown - Messages -->
  <div class="dropdown-list dropdown-menu dropdown-menu-right shadow animated--grow-in"
    aria-labelledby="messagesDropdown">
    <h6 class="dropdown-header">
      Amal Jyothi College of Engineering, Kanjirapally
      Department of Computer Applications
    </h6>

```


Message Center

```

</h2>
<a class="dropdown-item d-flex align-items-center" href="#">
  <div class="dropdown-list-image mr-3">
    
    <div class="status-indicator bg-success"></div>
  </div>
  <div class="font-weight-bold">
    <div class="text-truncate">Hi there! I am wondering if you can help me with a
      problem I've been having.</div>
    <div class="small text-gray-500">Emily Fowler · 58m</div>
  </div>
</a>
<a class="dropdown-item d-flex align-items-center" href="#">
  <div class="dropdown-list-image mr-3">
    
    <div class="status-indicator"></div>
  </div>
  <div>
    <div class="text-truncate">I have the photos that you ordered last month, how
      would you like them sent to you?</div>
    <div class="small text-gray-500">Jae Chun · 1d</div>
  </div>
</a>
<a class="dropdown-item d-flex align-items-center" href="#">
  <div class="dropdown-list-image mr-3">
    
    <div class="status-indicator bg-warning"></div>
  </div>
  <div>
    <div class="text-truncate">Last month's report looks great, I am very happy with
      the progress so far, keep up the good work!</div>
    <div class="small text-gray-500">Morgan Alvarez · 2d</div>
  </div>
</a>
<a class="dropdown-item d-flex align-items-center" href="#">
  <div class="dropdown-list-image mr-3">
    
    <div class="status-indicator bg-success"></div>
  </div>
  <div>
    <div class="text-truncate">Am I a good boy? The reason I ask is because someone
      told me that people say this to all dogs, even if they aren't good...</div>
    <div class="small text-gray-500">Chicken the Dog · 2w</div>
  </div>
</a>
<a class="dropdown-item text-center small text-gray-500" href="#">Read More Messages</a>

```

```

</li>

<div class="topbar-divider d-none d-sm-block"></div>

<!-- Nav Item - User Information -->
<li class="nav-item dropdown no-arrow">
  <a class="nav-link dropdown-toggle" href="#" id="userDropdown" role="button"
    data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
    <span class="mr-2 d-none d-lg-inline text-gray-600 small">silja</span>
    
  </a>
  <!-- Dropdown - User Information -->
  <div class="dropdown-menu dropdown-menu-right shadow animated--grow-in"
    aria-labelledby="userDropdown">
    <a class="dropdown-item" href="#">
      <i class="fas fa-user fa-sm fa-fw mr-2 text-gray-400"></i>
      Profile
    </a>
    <a class="dropdown-item" href="#">
      <i class="fas fa-cogs fa-sm fa-fw mr-2 text-gray-400"></i>
      Settings
    </a>
    <a class="dropdown-item" href="#">
      <i class="fas fa-list fa-sm fa-fw mr-2 text-gray-400"></i>
      Activity Log
    </a>
    <div class="dropdown-divider"></div>
    <a class="dropdown-item" href="#" data-toggle="modal" data-target="#logoutModal">
      <i class="fas fa-sign-out-alt fa-sm fa-fw mr-2 text-gray-400"></i>
      Logout
    </a>
  </div>
</li>

</ul>

</nav>
<!-- End of Topbar -->

<!-- Begin Page Content -->
<div class="container-fluid">

  <!-- Page Heading -->
  <h1 class="h3 mb-4 text-gray-800"><B> Manage Student</h1>
<form method='post' id="form1" action="" name="form1" >
  <?php

```

```
require_once("connection.php");
```

```
$conn = mysqli_connect($servername, $username, $password, $db);
```

```
$query = "select name,email,mobile,age,IA,AB from tb_students";
```

```

$result = mysqli_query($conn, $query);
echo "<table width='0%'>";
echo "<tr>";
echo "<td style='background-color:black;color:white;padding-center: 15px;'>Name</td>";
echo "<td style='background-color:black;color:white;padding-center: 15px;'>Email</td>";
echo "<td style='background-color:black;color:white;padding-center: 15px;'>Mobile</td>";
echo "<td style='background-color:black;color:white;padding-center: 15px;'>Age</td>";
echo "<td style='background-color:black;color:white;padding-center: 15px;'>Interested Area</td>";
echo "<td style='background-color:black;color:white;padding-center: 15px;'>Academic Break</td>";
echo "</tr>";

if(!$result)
{
echo "<tr><td colspan='5' style='color:red;padding-left:5px;border-bottom: solid 1px green; text-align:center;'>No Records Found</td></tr>";
}
else
{
while($row = mysqli_fetch_array($result))
{

echo "<tr>";
echo "<td style='color:green;padding-left:5px;border-bottom: solid 1px #C70039; color:#C70039; '>$row[0]</td>";
echo "<td style='color:green;padding-left:5px;border-bottom: solid 1px #C70039; color:#C70039; '>$row[1]</td>";
echo "<td style='color:green;padding-left:5px;border-bottom: solid 1px #C70039; color:#C70039; '>$row[2]</td>";
echo "<td style='color:green;padding-left:5px;border-bottom: solid 1px #C70039; color:#C70039; '>$row[3]</td>";
echo "<td style='color:green;padding-left:5px;border-bottom: solid 1px #C70039; color:#C70039; '>$row[4]</td>";
echo "<td style='color:green;padding-left:5px;border-bottom: solid 1px #C70039; color:#C70039; '>$row[5]</td>";
echo "</tr>";
}
}
echo "</table>";
?>

</form>

</div>
<!-- /.container-fluid -->

</div>
<!-- End of Main Content -->

<!-- Footer -->
<footer class="sticky-footer bg-white">
<div class="container my-auto">
<div class="copyright text-center my-auto">
<span>Copyright &copy; Your Website 2020</span>
</div>
</div>
</footer>

```

```
<!-- End of Footer -->

</div>
<!-- End of Content Wrapper -->

</div>
<!-- End of Page Wrapper -->

<!-- Scroll to Top Button-->
<a class="scroll-to-top rounded" href="#page-top">
  <i class="fas fa-angle-up"></i>
</a>

<!-- Logout Modal-->
<div class="modal fade" id="logoutModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel"
  aria-hidden="true">
  <div class="modal-dialog" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="exampleModalLabel">Ready to Leave?</h5>
        <button class="close" type="button" data-dismiss="modal" aria-label="Close">
          <span aria-hidden="true">×</span>
        </button>
      </div>
      <div class="modal-body">Select "Logout" below if you are ready to end your current session.</div>
      <div class="modal-footer">
        <button class="btn btn-secondary" type="button" data-dismiss="modal">Cancel</button>
        <a class="btn btn-primary" href="login.html">Logout</a>
      </div>
    </div>
  </div>
</div>

<!-- Bootstrap core JavaScript-->
<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<!-- Core plugin JavaScript-->
<script src="vendor/jquery-easing/jquery.easing.min.js"></script>

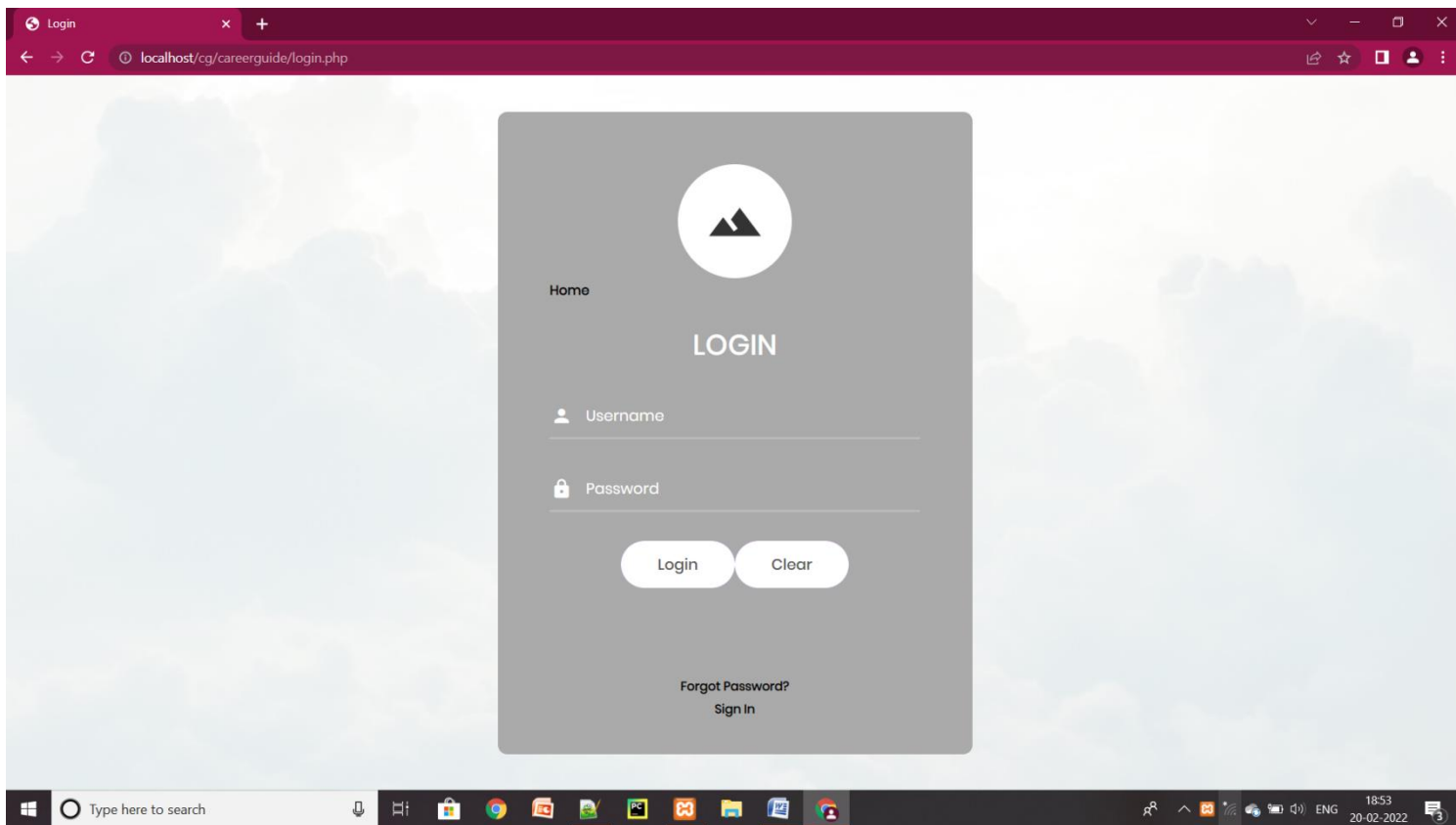
<!-- Custom scripts for all pages-->
<script src="js/sb-admin-2.min.js"></script>

</body>

</html>
```

Screen Shots login

page



student Dashboard page