**Project Document**

**School Management System**

**Ardent Computech Pvt. Ltd**

**Submitted By**

**Dwaipayan Mitra**

**Zenitha Bera**

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**Developed By**

**Dwaipayan Mitra**

**Zenitha Bera**

**SELF CERTIFICATE**

This is to certify that the project report entitled School Management System is done by me an authentic work carried out for the fulfillment of the requirement for the completion of the Industrial training and Internship under the guidance of Mr.Ashraf Ali and Mr. Mahendra Datta.

**Name: Dwaipayan Mitra**

**College:** **Guru Nanak Institute of Technology**

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**Name: Zenitha Bera**

**College: Guru Nanak Institute of Technology**

**Abstract**

Now a day’s education plays a great role in development of any country. Many of education organizations try to increase education quality. One of the aspects of this improvement is managing of school resources. School Management System carried on by any individual or institution engaged in providing a services to students, teachers, guardians and other persons are intermediary that performs one or more of the following functionalities – Student Admission, Employee Registration, Student List, Employee List, Student Routine. School Management System (SMS) is such a service which provides all services for an educational institute to make your life easier and faster by assuring its performance. Easy User Management System, Easy Admission Process, Easy Attendance System. SMS is a system that will provide you a bird’s eye view of the functioning of the entire educational institution. It is a management information system helps to manage the different processes in an educational institution like General Administration, Staff Management, Academics, Student Management etc. The information is made using the latest technologies and help’s to make decision making a lot faster, effective and easier than ever before. Also helps to improve the overall quality of education of the institution. We use database and database technology are having a major impact on the growing use of computers. The implementation of the system was done using HTML, CSS, JavaScript and Php, SQL server (**10.4.21-MariaDB)** technologies, allowing system to be run in Windows OS. In a nutshell, School Management Software managed your education institution by simplifying and automating processes and addressing the needs of all stakeholders helping them to be more efficient in their respective roles.

**Introduction**

The system is completed under the guidance of the theory and methods of management information systems, database technology support. This paper first discusses the structure of the background, purpose and significance of the graduate design topics. Then describes the development platform and database technology and the advantages of each, followed by more devoted a system requirements analysis, design, implementation, and the implementation of the tasks, techniques and tools. End system to complete the information input, output, data modification, query and statistics, as well as print statements, make operation simple and quick. In this project, we try to build up sound software which can operate any challenging situation in the modern time. Administrator and users information are making effective decisions. The decisions are more accurate, relevant and timely the information stored or process is more effective.

**Features of the Project**

**The common features of the projects are:**

* This is very easy to use for each user.
* Easy Admission Process
* Easy Registration
* Secure all Data
* Easy Account Maintenance
* The admin of the database can see all information and also can edit if necessary.
* Easy implemented routine for student and teachers.

**Project Category**

**Web Application**

A **web application** is a computer program that utilizes web browsers and web technology to perform tasks over the Internet.

**Overview**

Millions of businesses use the Internet as a cost-effective communications channel. It lets them exchange information with their target market and make fast, secure transactions. However, effective engagement is only possible when the business is able to capture and store all the necessary data, and have a means of processing this information and presenting the results to the user.

Web applications use a combination of server-side scripts (PHP and ASP) to handle the storage and retrieval of the information, and client-side scripts (JavaScript and HTML) to present information to users. This allows users to interact with the company using online forms, content management systems, shopping carts and more. In addition, the applications allow employees to create documents, share information, collaborate on projects, and work on common documents regardless of location or device.

### HOW A WEB APPLICATION WORKS

Web applications are usually coded in browser-supported language such as JavaScript and HTML as these languages rely on the browser to render the program executable. Some of the applications are dynamic, requiring server-side processing. Others are completely

static with no processing required at the server. The web application requires a web server to manage requests from the client, an application server to perform the tasks requested, and, sometimes, a database to store the information. Application server technology ranges from ASP.NET, ASP and ColdFusion, to PHP and JSP.

Here’s what a typical web application flow looks like:

User triggers a request to the web server over the Internet, either through a web browser or the application’s user interface.

Web server forwards this request to the appropriate web application server

Web application server performs the requested task – such as querying the database or processing the data – then generates the results of the requested data.

Web application server sends results to the web server with the requested information or processed data.

Web server responds back to the client with the requested information that then appears on the user’s display.

### BENEFITS OF A WEB APPLICATION

Web applications run on multiple platforms regardless of OS or device as long as the browser is compatible

All users access the same version, eliminating any compatibility issues They are not installed on the hard drive, thus eliminating space limitations

They reduce software piracy in subscription-based web applications (i.e. SaaS) They reduce costs for both the business and end user as there is less support and maintenance required by the business and lower requirements for the end user’s computer.

### CONCLUSION

Increased Internet usage among companies and individuals has influenced the way businesses are run. This has led to the widespread adoption of web applications as companies shift from traditional models to cloud-based and grid models. Web applications give businesses the ability to streamline their operations, increase efficiency, and reduce costs.

These online apps such as email clients, word processors, spreadsheets, and other programs provide the same functionality as the desktop versions. However, they have an added advantage of working across multiple platforms, having a broader reach, and being easily accessible from anywhere.

**Development platform introduction**

**Frontend:**

HTML is an acronym which stands for **Hyper Text Markup Language** which is used for creating web pages and web applications. Let's see what is meant by Hypertext Markup Language, and Web page.

**Hyper Text:** HyperText simply means "Text within Text." A text has a link within it, is a hypertext. Whenever you click on a link which brings you to a new webpage, you have clicked on a hypertext. HyperText is a way to link two or more web pages (HTML documents) with each other.

**Markup language:** A markup language is a computer language that is used to apply layout and formatting conventions to a text document. Markup language makes text more interactive and dynamic. It can turn text into images, tables, links, etc.

**Web Page:** A web page is a document which is commonly written in HTML and translated by a web browser. A web page can be identified by entering an URL. A Web page can be of the static or dynamic type. **With the help of HTML only, we can create static web pages**.

Hence, HTML is a markup language which is used for creating attractive web pages with the help of styling, and which looks in a nice format on a web browser. An HTML document is made of many HTML tags and each HTML tag contains different content.

**CSS** stands for **Cascading Style Sheets**. It is a style sheet language which is used to describe the look and formatting of a document written in markup language. It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces. It can also be used with any kind of XML documents including plain XML, SVG and XUL.

**CSS** is used along with HTML and JavaScript in most websites to create user interfaces for web applications and user interfaces for many mobile applications.

**JavaScript** (**js)** is a light-weight object-oriented programming language which is used by several websites for scripting the webpages. It is an interpreted, full-fledged programming language that enables dynamic interactivity on websites when applied to an HTML document. It was introduced in the year 1995 for adding programs to the webpages in the Netscape Navigator browser. Since then, it has been adopted by all other graphical web browsers. With JavaScript, users can build modern web applications to interact directly without reloading the page every time. The traditional website uses js to provide several forms of interactivity and simplicity.

Although, **JavaScript** has no connectivity with Java programming language. The name was suggested and provided in the times when Java was gaining popularity in the market. In addition to web browsers, databases such as CouchDB and MongoDB uses JavaScript as their scripting and query language.

**Backend:**

**PHP** is an open-source, interpreted, and object-oriented scripting language that can be executed at the server-side. PHP is well suited for web development. Therefore, it is used to develop web applications (an application that executes on the server and generates the dynamic page.).

**PHP** was created by **Rasmus Lerdorf in 1994** but appeared in the market in 1995. **PHP 7.4.0** is the latest version of PHP, which was released on **28 November**. Some important points need to be noticed about PHP are as followed:

* PHP stands for Hypertext Preprocessor.
* PHP is an interpreted language, i.e., there is no need for compilation.
* PHP is faster than other scripting languages, for example, ASP and JSP.
* PHP is a server-side scripting language, which is used to manage the dynamic content of the website.
* PHP can be embedded into HTML.
* PHP is an object-oriented language.
* PHP is an open-source scripting language.
* PHP is simple and easy to learn language.

**Database:**

**SQL** is a short-form of the structured query language, and it is pronounced as S-Q-L or sometimes as See-Quell.

This database language is mainly designed for maintaining the data in relational database management systems. It is a special tool used by data professionals for handling structured data (data which is stored in the form of tables). It is also designed for stream processing in RDSMS.

You can easily create and manipulate the database, access and modify the table rows and columns, etc. This query language became the standard of ANSI in the year of 1986 and ISO in the year of 1987.

If you want to get a job in the field of data science, then it is the most important query language to learn. Big enterprises like Facebook, Instagram, and LinkedIn, use SQL for storing the data in the back-end.

**Tools/Platform, Hardware and Software requirements**

**Hardware requirements:-** CPU.2.0GHz ,RAM-2GB, Hard Drive-50GB.

**Software requirements:-** Xampp, Sublime, Text,PHP.

**Browser requirements:-** Chrome

**ER Diagram**

**What is ER Model?**

The ER or (Entity Relational Model) is a high level conceptual data model diagram. Entity-Relationship model is based on the notion of real world entities and the relationship between them.

ER modeling helps you to analyze data requirements systematically to produce a well-designed database. So, it is considered a best practice to complete ER modelling before implementing your database.

**History of ER models**

ER diagrams are a visual tool which is helpful to represent the ER model. It was proposed by Peter Chen in 1971 to create a uniform convention which can be used for relational database and network. He aimed to use ER model as a conceptual modelling approach.

Entity relationship diagram disaplays the relationships of entity set stored in a database. In other words, we can say that ER diagram help you to explain the logical structure of database. At first look, ER diagram looks similar to flow chart. However, ER diagram includes many specialized symbols, and its meanings make this model unique.

**Facts about ER Diagram Model:**

* ER model allows you to draw Database Design.
* It is an easy to use graphical tool for modeling data.
* Widely used in Database Design.
* It is a GUI representation of the logical structure of a Database.
* It helps you to identifies the entities which exist. in a system and the relationships between those entities.

### Why use ER Diagrams?

Here, are prime reasons for using the ER Diagram:

* Helps you to define terms related to entity relationship modeling
* Provide a preview of how all your tables should connect, what fields are going to be on each table
* Helps to describe entities, attributes, relationships
* ER diagrams are translatable into relational tables which allows you to build databases quickly
* ER diagrams can be used by database designers as a blueprint for implementing data in specific software applications
* The database designer gains a better understanding of the information to be contained in the database with the help of ERP diagram
* ERD is allowed you to communicate with the logical structure of the database to users

### 

### Components of the ER Diagram

### This model is based on three basic concepts:

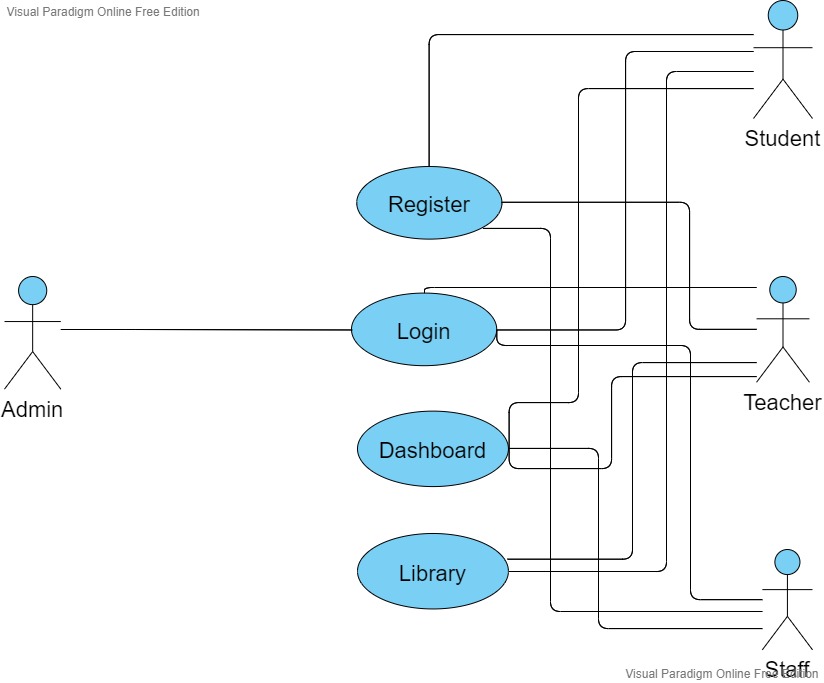
### Entities

### Attributes

### Relationships

### Functional Requirements (Use case diagram)

**Nonfunctional Requirements**

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### Nonfunctional Requirements

In addition to the obvious features and functions that you will provide in your system, there are other requirements that don't actually DO anything, but are important characteristics nevertheless. These are called "non-functional requirements" or sometimes "Quality Attributes." For example, attributes such as performance, security, usability, compatibility. aren't a "feature" of the system, but are a required characteristic. You can't write a specific line of code to implement them; rather they are "emergent" properties that arise from the entire solution. The specification needs to describe any such attributes the customer requires. You must decide the kind of requirements that apply to your project and include those that are appropriate.

Each requirement is simply stated in english. Each requirement must be objective and quantifiable; there must be some measurable way to assess whether the requirement has been met.

Often deciding on quality attributes requires making tradeoffs, e.g., between performance and maintainability. In the APPENDIX you must include an engineering analysis of any significant decisions regarding tradeoffs between competing attributes.

Here are some examples of non-functional requirements:

### Performance requirements

Requirements about resources required, response time, transaction rates, throughput, benchmark specifications or anything else having to do with performance.

For better performance the application will restrict the document size to 5 MB.

### Operating constraints

List any run-time constraints. This could include system resources, people, needed software, The application must run without any manual intervention.

### Platform constraints

Discuss the target platform. Be as specific or general as the user requires. If the user doesn't care, there are still platform constraints.

Since the application will be developed in php it is platform independent.

### Accuracy and Precision

Requirements about the accuracy and precision of the data. (Do you know the difference?) Beware of 100% requirements; they often cost too much.

### Modifiability

Requirements about the effort required to make changes in the software. Often, the measurement is personnel effort (person- months).

### Portability

The effort required to move the software to a different target platform. The measurement is most commonly person-months or % of modules that need changing. Minimal

### Reliability

Requirements about how often the software fails. The measurement is often expressed in MTBF (mean time between failures). The definition of a failure must be clear. Also, don't confuse reliability with availability which is quite a different kind of requirement. Be sure to specify the consequences of software failure, how to protect from failure, a strategy for error detection, and a strategy for correction.

### Security

One or more requirements about protection of your system and its data. The measurement can be expressed in a variety of ways (effort, skill level, time, ...) to break into the system. Do not discuss solutions (e.g. passwords) in a requirements document.

Only secured users can access the application.

No one can go to any independent page without logging in.

### Usability

Requirements about how difficult it will be to learn and operate the system. The requirements are often expressed in learning time or similar metrics.

### Legal

There may be legal issues involving privacy of information, intellectual property rights, export of restricted technologies, etc.

# **Feasibility Study**

**Product:** A general statement of the product; give a brief description of what the proposed system will do, highlighting where the proposed system meets the specified business requirements of the organization.

**Technical Feasibility:** Will the proposed system perform to the required specification? Outline technical systems options you propose to use, which will give a technical solution satisfying the requirements and constraints of the system, as outlined in the terms of reference.

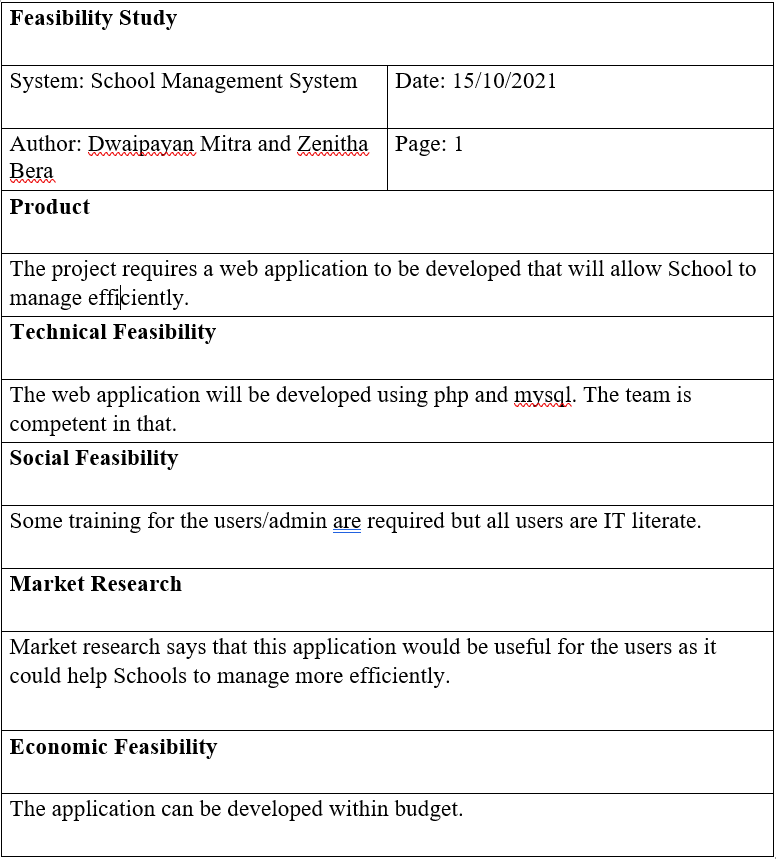
**Social Feasibility:** Consideration of whether the proposed system would prove acceptable to the people who would be affected by its introduction. Describe the effect on users from the introduction of the new system; consider whether there will be a need for retraining the workforce. Will there be a need for relocation of some of the workforce? Will some jobs become deskilled? Will the current workforce be able to perform effectively any new tasks introduced by the proposed system? Describe how you propose to ensure user co- operation before changes are introduced.

**Economic Feasibility:** Consider the cost/benefits of the proposed system. Detail the costs that will be incurred by the organisation adopting the new system; consider development costs and running costs. Detail benefits that the new system will bring, direct economic benefits such as reduced costs, and indirect benefits, such as improved management information and better customer service. Illustrate the cost/benefit of the new system by applying a suitable cost/benefit analysis method such as the payback method.

**Market Research:** A comprehensive market research identifying a need for the product. Detail all market research you carried out, listing sources of information. Justify any conclusions you have drawn from your research. Identify the potential customer base for your product, together with evidence of customer need for the product. Describe how you propose to compete with similar products on the market.

**Alternative Solution:** Consideration of alternative solutions should be documented. At least two alternative business or technical systems options should be considered. Detail the differences between these options and the proposed system. Justify your choice of the proposed system and the reasons for rejecting the alternative options.

At this point, all of the planning for the project has been done and if the feasibility study has shown that the project is likely to succeed within its constraints, then it only remains for us to start the requirements analysis and thus proceed with the project.



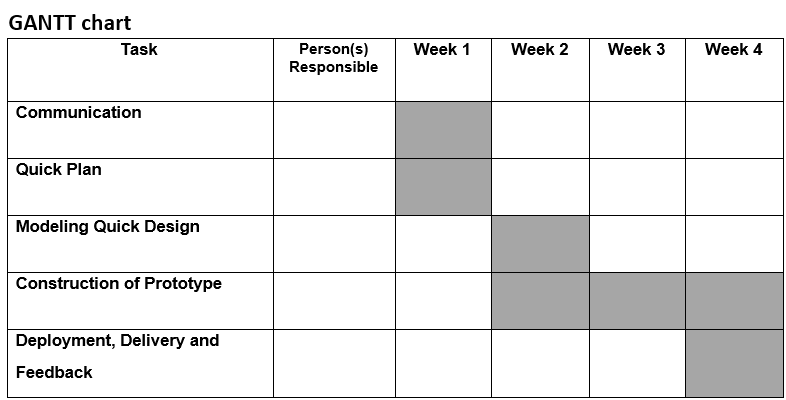
**Project Planning**

Project planning is concerned with identifying the following for every project:

* Activities
* Milestones
* Deliverables

A plan must be drawn up to guide the development towards the project goal. A plan is drawn up at the start of a project. This plan should be used as the driver for the project. The initial plan is not static, and must be modified as the project progresses.

Planning is required for development activities from specification through to delivery of the system.

**Project Scheduling**

**Software Engineering Paradigm applied**

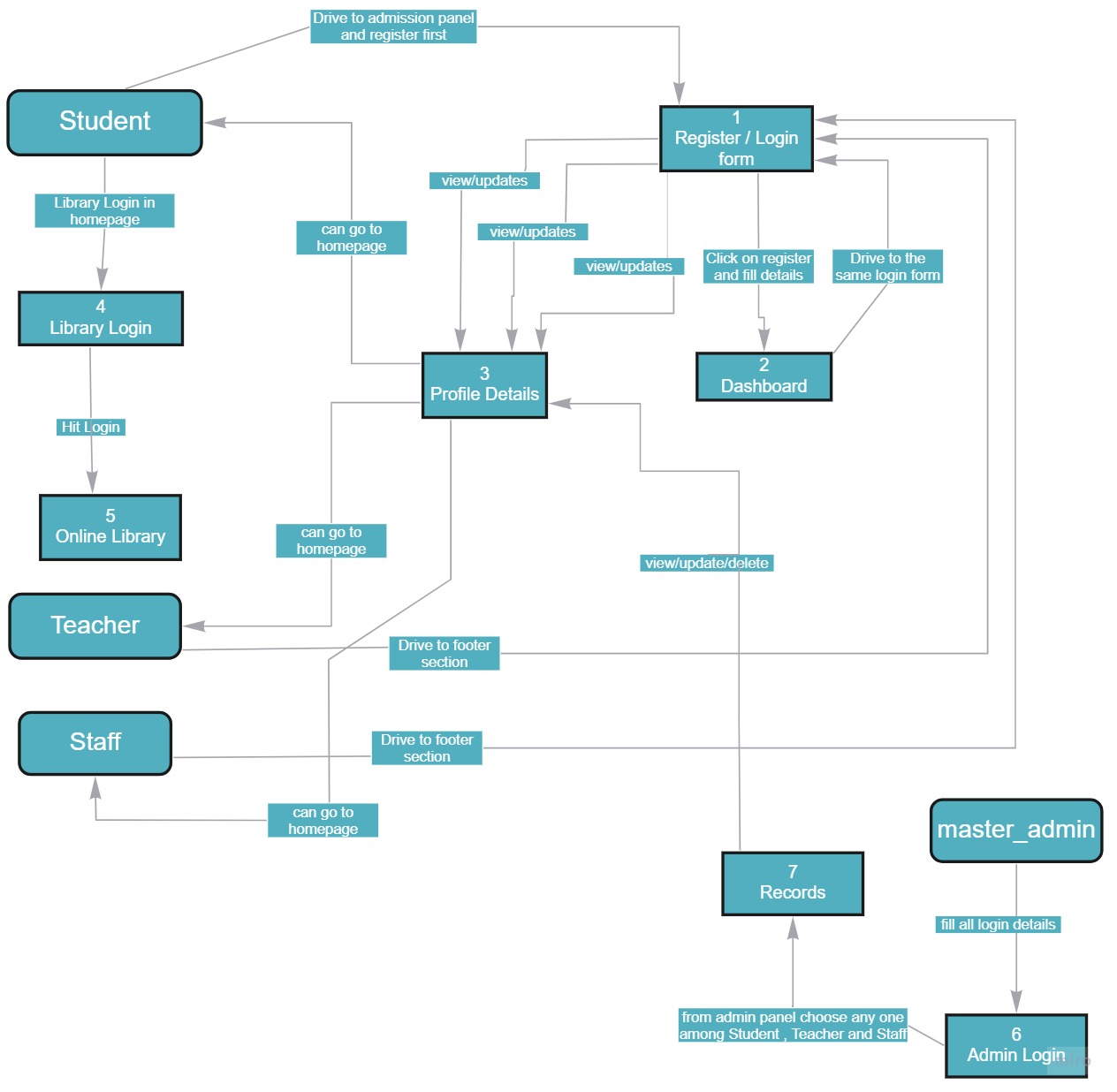
**1: Data Flow Diagram(DFD)**

**What is data flow diagram (DFD)?**

A pictures is worth a thousand words. A Data Flow Diagram (DFD) is traditional visual representation of the information flows within a system. A neat and clear DFD can depict a good amount of the system requirements graphically. It can be manual,automated,or combination of both.

It shows how information enters and leaves the system, what changes the information and where information is stored. The purpose of a DFD is to show the scope and boundaries of a system as a whole. It may be used as a communications tool between a systems analyst and any person who plays a part in the system that acts as the starting point for redesigning a system.

It usually begins with a context diagram as the level 0 of DFD diagram, a simple representation of the whole system. To elaborate further from that, we drill down to a level 1 diagram with lower level functions decomposed from the major functions of the system. This could continue to evolve to become a level 2 diagram when further analysis is required. Progression to level 3,4 and so on is possible but anything beyond level 3 is not very common. Please bear in mind that the level of details for decomposing particular function really depending on the complexity that function.

 LEVEL- 0

LEVEL - 1

**Database design**

**What is Database?**

A database is an organised collection of data, generally stored and accessed electronically from a computer system. Where databses are more complexe they are often developed using formal design and modelling techniques.

The database management system (DBMS) is the software that interacts with end users, applications, and the database itself to capture and analyze the data. The DBMS software additionally encompasses the core facilities provided to administer the database. The sum total of the database, the DBMS and the associated applications can be referred to as a “databse system”. Often the term “database” is also used to loosely refer to any of the DBMS, the database system or application associated with the database.

Computer scientists may be classify database-management systems according to the database models that they support. Relational databases became dominant in the 1980s. These model data as rows and coloumns in a series of tables, and the vast majority use SQL for writing and querying data. In the 2000s, non-relational databases became popluar, referred to as NoSQL because they use different query languages.

**Terminology and overview**

Formally , a “database” refers to a set of related data and the way it is organized. Access to this data is usally provided by a “database management system” (DBMS)

Comsisting of an integrated set of computer software that allows users to interact with one or more databases and provides access to all of the data contained in the database (although restrictions may exist that limit access to particular data). The DBMS provides various functions that allow entry, storage and retrieval of large quantities of information and provides ways to manage how that information is organized.

Because of the close realtionship between them, the term “database” is often used casually to refer to both a database and the DBMS used to manipulate it.

Outside the world of professional infromation technology, the term database is often used to refer to any collection of related data as size and usage requirements typically necessitate use of a database management system.

Existing DBMSs provide various functions that allow management of a database and its data which can be classified into four main functional groups:

Data definition – Creation, modification and removal of definitions that define the organization of the data.

Update – Insertion, modification, and deletion of the actual data.

Retrieval – Providing information in a form directly usable or for further processing by other applications. The retrieved data may be made available in a form basically the same as it is stored in the database or in a new form obtained by altering or combining existing data from the database.

Administration – Registering and monitoring users, enforcing data security, monitoring performance, maintaining data integrity, dealing with concurrency control, and recovering information that has been corrupted by some event such as an unexpected system failure.

Both a database and its DBMS conform to the principles of a particular database model."Database system" refers collectively to the database model, database management system, and database.

Physically, database servers are dedicated computers that hold the actual databases and run only the DBMS and related software. Database servers are usually multiprocessor computers, with generous memory and RAID disk arrays used for stable storage. RAID is used for recovery of data if any of the disks fail. Hardware database accelerators, connected to one or more servers via a high-speed channel, are also used in large volume transaction processing environments. DBMSs are found at the heart of most database applications. DBMSs may be built around a custom multitasking kernel with built-in networking support, but modern DBMSs typically rely on a standard operating system to provide these functions.

Since DBMSs comprise a significant market, computer and storage vendors often take into account DBMS requirements in their own development plans.

Databases and DBMSs can be categorized according to the database model(s) that they support (such as relational or XML), the type(s) of computer they run on (from a server cluster to a mobile phone), the query language(s) used to access the database (such as SQL or XQuery), and their internal engineering, which affects performance, scalability, resilience, and security.

### MySQL

MySQL is an Oracle-backed open source relational database management system (RDBMS) based on Structured Query Language (SQL). MySQL runs on virtually all platforms, including Linux, UNIX and Windows. Although it can be used in a wide range of applications, MySQL is most often associated with web applications and online publishing.

MySQL is an important component of an open source enterprise stack called LAMP. LAMP is a web development platform that uses Linux as the operating system, Apache as the web server, MySQL as the relational database management system and PHP as the object-oriented scripting language. (Sometimes Perl or Python is used instead of PHP.)

Originally conceived by the Swedish company MySQL AB, MySQL was acquired by Sun Microsystems in 2008 and then by Oracle when it bought Sun in 2010. Developers can use MySQL under the GNU General Public License (GPL), but enterprises must obtain a commercial license from Oracle.

Today, MySQL is the RDBMS behind many of the top websites in the world and countless corporate and consumer-facing web-based applications, including Facebook, Twitter and YouTube.

### How MySQL works

MySQL is based on a client-server model. The core of MySQL is MySQL server, which handles all of the database instructions (or commands). MySQL server is available as a separate program for use in a client-server networked environment and as a library that can be embedded (or linked) into seperate applications.

MySQL operates along with several utility programs which support the administration of MySQL databases. Commands are sent to MySQLServer via the MySQL client, which is installed on a computer.

MySQL was originally developed to handle large databases quickly. Although MySQL is typically installed on only one machine, it is able to send the database to multiple locations, as users are able to access it via different MySQL client interfaces. These interfaces send SQL statements to the server and then display the results.

### Core MySQL features

MySQL enables data to be stored and accessed across multiple storage engines, including InnoDB, CSV, and NDB. MySQL is also capable of replicating data and partitioning tables for better performance and durability. MySQL users aren't required to learn new commands; they can access their data using standard SQL commands.

MySQL is written in C and C++ and accessible and available across over 20 platforms, including Mac, Windows, Linux and Unix. The RDBMS supports large databases with millions records and supports many data types including signed or unsigned integers 1, 2, 3, 4, and 8 bytes long; FLOAT; DOUBLE; CHAR;VARCHAR; BINARY; VARBINARY; TEXT; BLOB; DATE; TIME; DATETIME;TIMESTAMP; YEAR; SET; ENUM; and OpenGIS spatial types. Fixed- and variable- length string types are also supported.

For security, MySQL uses an access privilege and encrypted password system that enables host-based verification. MySQL clients can connect to MySQL Server using several protocols, including TCP/IP sockets on any platform. MySQL also supports a number of client and utility programs, command-line programs and administration tools such as MySQL Workbench.

Offshoots of MySQL, also known as forks, include the following:

Drizzle, a lightweight open source database management system in development based on MySQL 6.0;

MariaDB, a popular community-developed "drop-in" replacement for MySQL that uses MySQL APIs and commands; and

Percona Server with XtraDB, an enhanced version of MySQL known for horizontal scalability.

### MySQL vs SQL

Before 2016, the main difference between MySQL and SQL was that the former could be used on multiple platforms, whereas the latter could only be used on Windows. Microsoft has since expanded SQL to support Linux, a change which went into effect in 2017. When MySQL is installed via Linux, its package management system requires custom configuration to adjust security and optimization settings.

MySQL also allows users to choose the most effective storage engine for any given table, as the program is able to utilize multiple storage engines for individual tables. One of MySQL's engines is InnoDB. InnoDB was designed for high availability. Because of this, it is not as quick as other engines. SQL uses its own storage system, but it does maintain multiple safeguards against loss of data. Both systems are able to run in clusters for high availability.

SQL Server offers a wide variety of data analysis and reporting tools. SQL Server Reporting Services is the most popular one and is available as a free download. There are similar analysis tools for MySQL available from third-party software companies, such as Crystal Reports XI and Actuate BIRT.

### Compatibility with other services

MySQL was designed to be compatible with other systems. It supports deployment in virtualized environments, such as Amazon RDS for MySQL, Amazon RDS for MariaDB and Amazon Aurora for MySQL. Users can transfer their data to a SQL Server database by using database migration tools like AWS Schema Conversion Tool and the AWS Database Migration Service.

### The database object semantics between SQL Server and MySQL are similar, but not identical. There are architectural differences that must be considered when migrating from SQL Server to MySQL. In MySQL, there is no difference between a database and a schema, while SQL Server treats the two as separate entities.

### Student Admission (student\_admission)

|  |  |
| --- | --- |
| Column Name | Data Type |
| id | int 5 |
| name | varchar (255) |
| fname | varchar (255) |
| mname | varchar (255) |
| foccu | varchar (255) |
| moccu | varchar (255) |
| dob | varchar (255) |
| gender | varchar (255) |
| religion | varchar (255) |
| category | varchar (255) |
| mobum | varchar (255) |
| altnum | varchar (255) |
| email | varchar (255) |
| aadhar | varchar (255) |
| document | varchar (255) |
| photo | varchar (255) |
| address | varchar (255) |
| post | varchar (255) |
| district | varchar (255) |
| state | varchar (255) |
| pin | varchar (255) |
| class | varchar (255) |
| section | varchar (255) |
| roll | varchar (255) |

### Teacher Registration (teacher\_admission)

|  |  |
| --- | --- |
| Column Name | Data Type |
| id | int 11 |
| name | varchar (255) |
| dept | varchar (255) |
| class | varchar (255) |
| phnnum | varchar (255) |
| altnum | varchar (255) |
| dob | varchar (255) |
| gender | varchar (255) |
| rel | varchar (255) |
| category | varchar (255) |
| exp | varchar (255) |
| aadhar | varchar (255) |
| email | varchar (255) |
| doj | varchar (255) |
| docu | varchar (255) |
| photo | varchar (255) |
| address | varchar (255) |
| post | varchar (255) |
| police | varchar (255) |
| dist | varchar (255) |
| state | varchar (255) |
| pin | varchar (255) |

### Staff registration (staff\_admission)

|  |  |
| --- | --- |
| Column Name | Data Type |
| id | int 11 |
| name | varchar (255) |
| mobnum | varchar (255) |
| altnum | varchar (255) |
| dob | varchar (255) |
| gender | varchar (255) |
| religion | varchar (255) |
| category | varchar (255) |
| position | varchar (255) |
| mstatus | varchar (255) |
| exp | varchar (255) |
| aadhar | varchar (255) |
| email | varchar (255) |
| doj | varchar (255) |
| cv | varchar (255) |
| photo | varchar (255) |
| address | varchar (255) |
| post | varchar (255) |
| police | varchar (255) |
| district | varchar (255) |
| state | varchar (255) |
| pin | varchar (255) |

### Admin (master\_admin)

|  |  |
| --- | --- |
| Column Name | Data Type |
| id | int 11 |
| username | varchar (255) |
| password | varchar (255) |

### User Interface Design

### Home Page

### 

### About Us

### 

### Contact Us

### 

### Student Registration / Login

### 

### Admin Login

### 

### Coding

### Index Page

### 

### Code

<!DOCTYPE html>

<html lang="en">

  <head>

    <?php include 'include/link.php'; ?>

    <title>School Management Software</title>

  </head>

  <body>

    <div class="container-fluid p-0 m-0 bg-dark text-light overflow-hidden">

*<!--Header-->*

      <?php include 'include/header.html'; ?>

*<!--Navbar-->*

      <div class="row">

        <div class="col-md-12 col-sm-12 p-4 text-center bg-dark nav1">

          <a

            href="index.php"

            aria-current="page"

            class="p-4 active bg-warning text-dark"

            >Home</a

          >

          <a href="about-us.php" class="p-4">About Us</a>

          <a href="photo-gallery.php" class="p-4">Photo Gallery</a>

          <a href="std-admission.php" class="p-4">Admission</a>

          <a href="academics.php" class="p-4">Academics</a>

          <a href="infrastructure.php" class="p-4">Infrastructure</a>

          <a href="contact.php" class="p-4">Contact</a>

        </div>

        <div class="col-md-12 col-sm-12 nav2">

          <div class="dropdown">

            <nav

              class="

                navbar navbar-expand-lg navbar-dark

                bg-dark

                justify-content-end

              "

              aria-label=""

            >

              <button

                class="navbar-toggler bg-warning mb-1"

                type="button"

                data-bs-toggle="collapse"

                data-bs-target="#navbarSupportedContent"

                aria-controls="navbarSupportedContent"

                aria-expanded="true"

                aria-label="Toggle navigation"

              >

                <em class="fas fa-bars"></em>

              </button>

              <div class="collapse navbar-collapse" id="navbarSupportedContent">

                <nav class="nav flex-column" aria-label="">

                  <a

                    class="nav-link active bg-warning text-dark"

                    aria-current="page"

                    href="index.php"

                    >Home</a

                  >

                  <a class="nav-link" href="about-us.php">About Us</a>

                  <a class="nav-link" href="photo-gallery.php">Photo Gallery</a>

                  <a class="nav-link" href="std-admission.php">Admission</a>

                  <a class="nav-link" href="academics.php">Academics</a>

                  <a class="nav-link" href="infrastructure.php">Infrastructure</a>

                  <a class="nav-link" href="contact.php">Contact</a>

                </nav>

              </div>

            </nav>

          </div>

        </div>

      </div>

*<!--Carousal-->*

      <div

        id="carouselExampleCaptions"

        class="carousel slide carousel-fade col-md-12 col-sm-12"

        data-bs-ride="carousel"

      >

        <div class="carousel-indicators">

          <button

            type="button"

            data-bs-target="#carouselExampleCaptions"

            data-bs-slide-to="0"

            class="active"

            aria-current="true"

            aria-label="Slide 1"

          ></button>

          <button

            type="button"

            data-bs-target="#carouselExampleCaptions"

            data-bs-slide-to="1"

            aria-label="Slide 2"

          ></button>

          <button

            type="button"

            data-bs-target="#carouselExampleCaptions"

            data-bs-slide-to="2"

            aria-label="Slide 3"

          ></button>

        </div>

        <div class="carousel-inner">

          <div class="carousel-item active">

            <img

              src="https://www.detroitlabs.com/wp-content/uploads/2018/02/alfons-morales-YLSwjSy7stw-unsplash.jpg"

              class="d-block w-100 img-fluid"

              alt="..."

            />

            <div class="carousel-caption d-none d-md-block">

              <h3>

                Education is not a learning of facts, but the training of the

                mind to think.

              </h3>

              <p class="h4 text-end">— Albert Einstein</p>

            </div>

          </div>

          <div class="carousel-item">

            <img

              src="https://www.rd.com/wp-content/uploads/2019/11/shutterstock\_509582812-e1574100998595-scaled.jpg?resize=700,466"

              class="d-block w-100"

              alt="..."

            />

            <div class="carousel-caption d-none d-md-block">

              <h3>

                The higher education is that which does not merely give us

                information but makes our life in harmony with all existence.

              </h3>

              <p class="h4 text-end">— Rabindranath Tagore</p>

            </div>

          </div>

          <div class="carousel-item">

            <img

              src="https://wallpapercave.com/wp/wp6293134.jpg"

              class="d-block w-100"

              alt="..."

            />

            <div class="carousel-caption d-none d-md-block">

              <h3>

                Education is the most powerful weapon which you can use to

                chnage the world.

              </h3>

              <p class="h4 text-end">— Nelson Mandela</p>

            </div>

          </div>

        </div>

        <button

          class="carousel-control-prev"

          type="button"

          data-bs-target="#carouselExampleCaptions"

          data-bs-slide="prev"

        >

          <span class="carousel-control-prev-icon" aria-hidden="true"></span>

          <span class="visually-hidden">Previous</span>

        </button>

        <button

          class="carousel-control-next"

          type="button"

          data-bs-target="#carouselExampleCaptions"

          data-bs-slide="next"

        >

          <span class="carousel-control-next-icon" aria-hidden="true"></span>

          <span class="visually-hidden">Next</span>

        </button>

      </div><br>

*<!--Cards-->*

      <div class="container">

        <div class="text-center row align-items-center">

          <div class="col-md-4 col-sm-12">

            <div class="card border-warning mb-3" style="max-width: auto;">

              <div class="pt-4 text-center bg-dark"><em class="h1 text-warning fas fa-globe-americas"></em></div>

              <div class="card-body bg-dark">

                <h5 class="card-title">Class Schedule</h5>

                <p class="card-text">Check the class schedule properly before classes.</p>

                <a href="academics.php" class="btn btn-warning" type="button">View More..</a>

              </div>

            </div>

          </div>

          <div class="col-md-4 col-sm-12">

            <div class="card border-warning mb-3" style="max-width: auto;">

              <div class="pt-4 text-center bg-dark"><em class="h1 text-warning fas fa-book-reader"></em></div>

              <div class="card-body bg-dark">

                <h5 class="card-title">Virtual Library</h5>

                <p class="card-text">Login using your credentials from your library card.</p>

                <button type="button" class="btn btn-warning" data-bs-toggle="modal" data-bs-target="#exampleModal" data-bs-whatever="@mdo">Login</button>

<div class="modal fade" id="exampleModal" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">

  <div class="modal-dialog">

    <div class="modal-content bg-dark">

      <div class="modal-header">

        <h5 class="modal-title text-warning" id="exampleModalLabel">Library Login</h5>

        <button type="button" class="btn-close btn btn-light" data-bs-dismiss="modal" aria-label="Close"></button>

      </div>

      <div class="modal-body">

        <form action="php/librarylogin.php" method="POST">

          <div class="mb-3">

            <label for="" class="col-form-label">Email:</label>

            <input type="email" class="form-control bg-secondary text-light opacity-75" name="email" id="">

          </div>

          <div class="mb-3">

            <label for="" class="col-form-label">Mobile Number:</label>

            <input type="number" class="form-control bg-secondary text-light opacity-75" name="mubnum" id="">

          </div>

      </div>

      <div class="modal-footer">

        <button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Close</button>

        <button type="submit" class="btn btn-warning" name="login">Login</a></form>

      </div>

    </div>

  </div>

</div>

              </div>

            </div>

          </div>

          <div class="col-md-4 col-sm-12">

            <div class="card border-warning mb-3" style="max-width: auto;">

              <div class="pt-4 text-center bg-dark"><em class="h1 text-warning fas fa-people-carry"></em></div>

              <div class="card-body bg-dark">

                <h5 class="card-title">Community</h5>

                <p class="card-text">Join our community to collab with our members.</p>

                <a href="contact.php" class="btn btn-warning" type="button">View More..</a>

              </div>

            </div>

          </div>

        </div>

        </div>

*<!--Introduction-->*

      <div class="container" id="">

        <div class="row">

          <h3 class="text-center p-4">Welcome To Our School</h3>

          <hr class="bg-warning"/>

          <div class="col-md-6 col-sm-12 intro1">

          </div>

          <div class="col-md-6 col-sm-12 intro2">

            <img

              src="images/index/index1.jpg"

              class="img-thumbnail w-100 border border-warning"

              alt="img1"

            />

          </div>

          <div class="col-md-6 col-sm-12 para">

            <p>

              Lorem ipsum dolor sit amet consectetur adipisicing elit.

              Repudiandae, earum repellat? Odio, quis praesentium. Ex sunt

              reiciendis neque labore aliquid illum, dolorem quasi, dicta eaque

              officia praesentium, nisi natus! Blanditiis.

            </p>

            <p>

              Lorem ipsum dolor sit amet consectetur adipisicing elit.

              Repudiandae, earum repellat? Odio, quis praesentium. Ex sunt

              reiciendis neque labore aliquid illum, dolorem quasi, dicta eaque

              officia praesentium, nisi natus! Blanditiis.

            </p>

            <p>

              Lorem ipsum dolor, sit amet consectetur adipisicing elit. Eaque,

              molestiae ad sapiente, quasi corporis, esse doloribus quam

              recusandae ab distinctio amet suscipit commodi repellat fugit

              excepturi? Autem architecto quisquam assumenda? Lorem ipsum dolor sit amet,

               consectetur adipisicing elit. Tenetur alias vero impedit unde corrupti,

               aspernatur quaerat, sunt totam, possimus maxime architecto? Possimus mollitia sequi,

               voluptate omnis accusantium aperiam quia autem.

              </p>

              <a href="about-us.php" type="submit" class="btn btn-warning mt-1"

                >Read More..</a>

          </div>

        </div>

      </div>

*<!--Notice Board-->*

      <div class="container bg-dark">

        <div class="row">

          <h3 class="text-center p-4">Notice Board</h3>

          <div class="col-md-6 col-sm-12 bg-dark">

            <div class="list-group border border-warning">

              <a href="#" class="list-group-item list-group-item-action bg-dark text-light notice">

                <div class="d-flex w-100 justify-content-between">

                  <h5 class="mb-1">Notice 1</h5>

                  <small class="text-muted">Now</small>

                </div>

                <p class="mb-1">Lorem ipsum dolor sit amet consectetur adipisicing elit. Id facere quae dolorem. Sed soluta repellat nemo. Voluptatem vitae praesentium ut quas accusantium porro, eum accusamus quod sint sunt officia quo!</p>

                <small class="text-muted">Lorem ipsum dolor sit amet consectetur adipisicing elit.</small>

              </a>

              <a href="#" class="list-group-item list-group-item-action bg-dark text-light">

                <div class="d-flex w-100 justify-content-between">

                  <h5 class="mb-1">Notice 2</h5>

                  <small class="text-muted">2 seconds ago</small>

                </div>

                <p class="mb-1">Lorem, ipsum dolor sit amet consectetur adipisicing elit. Porro, dolor numquam incidunt neque obcaecati, aliquam doloremque asperiores itaque molestiae nobis eum atque, officiis voluptates deleniti nemo cum enim veniam facere?</p>

                <small class="text-muted">Lorem ipsum dolor sit amet consectetur adipisicing elit.</small>

              </a>

              <a href="#" class="list-group-item list-group-item-action bg-dark text-light">

                <div class="d-flex w-100 justify-content-between">

                  <h5 class="mb-1">Notice 3</h5>

                  <small class="text-muted">15 hours ago</small>

                </div>

                <p class="mb-1">Lorem ipsum dolor sit amet consectetur adipisicing elit. Eius ipsam repudiandae distinctio itaque beatae impedit et molestiae natus soluta consequuntur. Unde rerum molestiae illum, aliquam sunt eligendi! Dicta ipsam laboriosam, pariatur ipsum?</p>

                <small class="text-muted">Lorem ipsum dolor sit amet consectetur adipisicing elit.</small>

              </a>

            </div>

          </div><br>

          <div class="col-md-6 col-sm-12">

            <div class="list-group  border border-warning">

              <a href="#" class="list-group-item list-group-item-action bg-dark text-light">

                <div class="d-flex w-100 justify-content-between">

                  <h5 class="mb-1">Notice 4</h5>

                  <small class="text-muted">1 day ago</small>

                </div>

                <p class="mb-1">Lorem ipsum dolor, sit amet consectetur adipisicing elit. Eius ipsam repudiandae distinctio aperiam fuga exercitationem sint explicabo blanditiis, optio at assumenda rerum, quis libero? Dolores atque error doloremque libero delectus?</p>

                <small class="text-muted">Lorem ipsum dolor sit amet consectetur adipisicing elit.</small>

              </a>

              <a href="#" class="list-group-item list-group-item-action bg-dark text-light">

                <div class="d-flex w-100 justify-content-between">

                  <h5 class="mb-1">Notice 5</h5>

                  <small class="text-muted">3 days ago</small>

                </div>

                <p class="mb-1">Lorem ipsum dolor sit amet consectetur adipisicing elit. Nam itaque aspernatur cupiditate reiciendis quam facilis deserunt aliquid fugiat repellat et. Eligendi autem esse nostrum quas et vero iusto, ullam porro?</p>

                <small class="text-muted">Lorem ipsum dolor sit amet consectetur adipisicing elit.</small>

              </a>

              <a href="#" class="list-group-item list-group-item-action bg-dark text-light">

                <div class="d-flex w-100 justify-content-between">

                  <h5 class="mb-1">Notice 6</h5>

                  <small class="text-muted">4 days ago</small>

                </div>

                <p class="mb-1">Lorem ipsum dolor sit amet consectetur, adipisicing elit. Commodi provident fugiat quasi deserunt asperiores vel distinctio corrupti quaerat, ab recusandae facilis, sapiente voluptates illo, minima accusamus? Dolor laudantium non expedita.</p>

                <small class="text-muted">Lorem ipsum dolor sit amet consectetur adipisicing elit.</small>

              </a>

            </div>

          </div><br>

        </div>

      </div>

*<!--Results-->*

<div class="container">

  <div class="row">

    <h3 class="text-center p-4">Results 2021</h3><hr class="bg-warning">

    <div class="col-md-6 col-sm-12 mt-3"><h4 class="text-center p-2">ISC</h4>

      <h5 class="">John Doe</h5>

      <div class="progress">

        <div class="progress-bar progress-bar-striped progress-bar-animated bg-warning text-dark" role="progressbar" aria-valuenow="97" aria-valuemin="0" aria-valuemax="100" style="width: 95%"><b>95%</b></div>

      </div><br>

      <h5 class="">Jane Doe</h5>

      <div class="progress">

        <div class="progress-bar progress-bar-striped progress-bar-animated bg-warning text-dark" role="progressbar" aria-valuenow="95.5" aria-valuemin="0" aria-valuemax="100" style="width: 91%"><b>91%</b></div>

      </div>

    </div>

    <div class="col-md-6 col-sm-12 mt-3"><h4 class="text-center p-2">ICSE</h4>

      <h5 class="">John Doe</h5>

      <div class="progress">

        <div class="progress-bar progress-bar-striped progress-bar-animated bg-warning text-dark" role="progressbar" aria-valuenow="98" aria-valuemin="0" aria-valuemax="100" style="width: 98.8%"><b>98.8%</b></div>

      </div><br>

      <h5 class="">Jane Doe</h5>

      <div class="progress">

        <div class="progress-bar progress-bar-striped progress-bar-animated bg-warning text-dark" role="progressbar" aria-valuenow="96" aria-valuemin="0" aria-valuemax="100" style="width: 96%"><b>96%</b></div>

      </div>

    </div>

  </div>

</div><br>

*<!--Memorandum-->*

<div class="container">

  <div class="row align-items-center">

    <h3 class="text-center p-4">Memorandum</h3>

    <div class="col-md-4 col-sm-12">

      <div class="card border-warning mb-3" style="max-width: auto;">

        <div class="p-4 text-center bg-warning text-dark"><h4>Rules</h4></div>

        <div class="card-body bg-dark">

          <ul>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

          </ul>

        </div>

      </div>

    </div>

    <div class="col-md-4 col-sm-12">

      <div class="card border-warning mb-3" style="max-width: auto;">

        <div class="p-4 text-center bg-warning text-dark"><h4>Discipline</h4></div>

        <div class="card-body bg-dark">

          <ul>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

          </ul>

        </div>

      </div>

    </div>

    <div class="col-md-4 col-sm-12">

      <div class="card border-warning mb-3" style="max-width: auto;">

        <div class="p-4 text-center bg-warning text-dark"><h4>School Hours</h4></div>

        <div class="card-body bg-dark">

          <ul>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

            <li>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Delectus eum ullam pariatur totam id omnis ipsam! Asperiores accusamus, ut rerum magni iure praesentium recusandae earum necessitatibus libero nemo vel quia.</li>

          </ul>

        </div>

      </div>

    </div>

  </div>

  </div>

*<!--Footer-->*

    <?php include 'include/footer.html'; ?>

  </div>

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.10.2/jquery.min.js"></script>

<script src="http://www.jose-aguilar.com/scripts/jquery/progress-bar/js/progress.js" type="text/javascript" charset="utf-8"></script>

    <script

      src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.1/dist/js/bootstrap.bundle.min.js"

      integrity="sha384-/bQdsTh/da6pkI1MST/rWKFNjaCP5gBSY4sEBT38Q/9RBh9AH40zEOg7Hlq2THRZ"

      crossorigin="anonymous"

    ></script>

  </body>

</html>

### Admin Login

### 

### Code

<!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=1.0" />

    <link

      href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.1/dist/css/bootstrap.min.css"

      rel="stylesheet"

      integrity="sha384-F3w7mX95PdgyTmZZMECAngseQB83DfGTowi0iMjiWaeVhAn4FJkqJByhZMI3AhiU"

      crossorigin="anonymous"

    />

    <link

      rel="stylesheet"

      href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"

      integrity="sha384-AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"

      crossorigin="anonymous"

    />

    <title>Admin | School Management Software</title>

</head>

<body class="bg-dark">

<div class="container-fluid p-5 pb-0 m-0 bg-dark pt-0 text-light">

<h3 class="pt-4 pb-3 text-center">Admin Login</h3>

<hr class="bg-warning" style="border-bottom: 5px solid #ffc107;"/>

<div class="container d-flex justify-content-center mt-5">

<form class="border border-warning border-5 rounded m-2 p-3" action="login.php" method="POST">

<div class="mb-3">

    <label for="exampleInputEmail1" class="form-label">Id</label>

    <input type="number" class="form-control bg-secondary" name="id">

  </div>

  <div class="mb-3">

    <label for="exampleInputEmail1" class="form-label">Username</label>

    <input type="text" class="form-control bg-secondary" name="username">

  </div>

  <div class="mb-3">

    <label for="exampleInputPassword1" class="form-label">Password</label>

    <input type="password" class="form-control bg-secondary" name="password">

  </div>

  <button type="submit" class="btn btn-warning" name="login">Login</button>

</form>

</div>

</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

</body>

</html>

### Dashboard

### 

### Code

<!DOCTYPE html>

<html lang="en">

  <head>

    <?php include 'includeFiles/top\_links.php'; ?>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.9.4/Chart.js"></script>

    <title>Student Dashboard | School Management Software</title>

  </head>

  <body>

    <div class="container-fluid p-0 m-0 bg-dark text-light overflow-hidden">

    <div class="row">

      <div class="col-md-2 col-sm-12 sidepanel m-0 p-0 border border-warning">

        <nav>

          <h3 class="text-center text-light fw-bold">Student Dashboard</h3>

          <a

            href=""

            class="active text-decoration-none bg-warning text-dark fw-bold"

            ><i class="fas fa-home"></i>&nbsp;&nbsp;&nbsp;Home</a

          >

          <a class="text-decoration-none fw-bold" href="../admission/student-register.php"

            ><i class="fas fa-sign-in-alt"></i>&nbsp;&nbsp;&nbsp;Registration</a

          >

          <a href="../dashboard-login/student-login.php" class="text-decoration-none fw-bold"

            ><i class="fas fa-user-circle"></i>&nbsp;&nbsp;&nbsp;Profile Details</a

          >

        </nav>

      </div>

      <div class="col-md-10 col-sm-12">

        <div class="p-4 topbar text-light">

          <div class="col">

          <p class="h3 fw-bold float-start">Dashboard</p></div>

          <div class="col mb-5">

</div>

    </div>

        <div class="col-md-12 col-sm-12 nav2">

          <div class="dropdown">

            <nav

              class="navbar navbar-expand-lg navbar-dark bg-dark"

              aria-label=""

            >

              <h3 class="navbar-brand justify-content-start fw-bold">

                Registration

              </h3>

              <button

                class="navbar-toggler bg-warning mb-1"

                type="button"

                data-bs-toggle="collapse"

                data-bs-target="#navbarSupportedContent"

                aria-controls="navbarSupportedContent"

                aria-expanded="true"

                aria-label="Toggle navigation"

              >

                <em class="fas fa-bars"></em>

              </button>

              <div class="collapse navbar-collapse" id="navbarSupportedContent">

                <nav class="nav flex-column" aria-label="">

                  <a

                    class="nav-link active bg-warning text-dark fw-bold"

                    aria-current="page"

                    href="student-dashboard.html"

                    >Home</a

                  >

                  <a

                    class="nav-link fw-bold"

                    href="../admission/student-register.php"

                    >Registration</a

                  >

                  <a

                    class="nav-link fw-bold"

                    href="../dashboard-login/student-login.php"

                  >Profile Details</a>

*<!--<a type="button" data-bs-toggle="modal" data-bs-target="#exampleModal" class="nav-link fw-bold">Login</a>-->*

                </nav>

              </div>

            </nav>

          </div>

        </div>

*<!--Cards-->*

        <div class="row m-2 mt-4 d-flex justify-content-center">

          <div class="card bg-dark mb-3 mx-2 border border-warning text-center" style="max-width: 18rem;">

              <div class="card-header mt-3 text-warning "><i class="fas fa-book h1"></i></div>

              <div class="card-body">

                <h5 class="card-title h3">Assignments</h5>

                <p class="card-text h4">5 per week</p>

              </div>

            </div>

            <div class="card bg-dark mb-3 mx-2 border border-warning text-center" style="max-width: 18rem;">

              <div class="card-header mt-3 text-warning "><i class="fas fa-project-diagram h1"></i></div>

              <div class="card-body">

                <h5 class="card-title h3">Projects</h5>

                <p class="card-text h4">2 per month</p>

              </div>

            </div>

            <div class="card bg-dark mb-3 mx-2 border border-warning text-center" style="max-width: 18rem;">

              <div class="card-header mt-3 text-warning "><i class="fas fa-running h1"></i></div>

              <div class="card-body">

                <h5 class="card-title h3">Sports</h5>

                <p class="card-text h4">1 Compulsory</p>

              </div>

            </div>

            <div class="card bg-dark mb-3 mx-2 border border-warning text-center" style="max-width: 18rem;">

              <div class="card-header mt-3 text-warning "><i class="fas fa-american-sign-language-interpreting h1"></i></div>

              <div class="card-body">

                <h5 class="card-title h3">Co-Curriculam</h5>

                <p class="card-text h4">1 Compulsory</p>

              </div>

            </div>

        </div>

*<!--Chart and Calendar-->*

        <div class="row m-2">

*<!--Bar Chart-->*

          <div class="container chart col-md-5 col-sm-12 bg-dark mt-1" style="padding-top: 20px">

            <canvas id="myChart1" class="border border-warning" style="width:100%;"></canvas>

*<!--Pie Chart-->*

            <canvas id="myChart" class="border border-warning mt-4 pb-1" style="width:100%;"></canvas>

          </div>

*<!--Calendar-->*

          <div class="col-md-7 col-sm-12 bg-dark mt-4">

            <div class="container card bg-dark text-light border border-warning pb-2">

              <h3 class="card-header" id="monthAndYear"></h3>

              <table

                class="table table-bordered table-dark table-responsive-sm"

                id="calendar"

              >

                <thead>

                  <tr>

                    <th>Sun</th>

                    <th>Mon</th>

                    <th>Tue</th>

                    <th>Wed</th>

                    <th>Thu</th>

                    <th>Fri</th>

                    <th>Sat</th>

                  </tr>

                </thead>

                <tbody id="calendar-body"></tbody>

              </table>

              <div class="form-inline d-flex justify-content-center">

                <button

                  class="btn btn-outline-warning col-sm-5"

                  id="previous"

                  onclick="previous()"

                >

                  Previous

                </button>

                <button

                  class="btn btn-outline-warning col-sm-5"

                  id="next"

                  onclick="next()"

                >

                  Next

                </button>

              </div>

              <br />

              <form class="form-inline">

                <label class="lead mr-2 ml-2" for="month">Jump To: </label>

                <select

                  class="form-control col-sm-2"

                  name="month"

                  id="month"

                  onchange="jump()"

                >

                  <option value="0">Jan</option>

                  <option value="1">Feb</option>

                  <option value="2">Mar</option>

                  <option value="3">Apr</option>

                  <option value="4">May</option>

                  <option value="5">Jun</option>

                  <option value="6">Jul</option>

                  <option value="7">Aug</option>

                  <option value="8">Sep</option>

                  <option value="9">Oct</option>

                  <option value="10">Nov</option>

                  <option value="11">Dec</option>

                </select>

                <label for="year"></label

                ><select

                  class="form-control col-sm-2"

                  name="year"

                  id="year"

                  onchange="jump()"

                >

                  <option value="1990">1990</option>

                  <option value="1991">1991</option>

                  <option value="1992">1992</option>

                  <option value="1993">1993</option>

                  <option value="1994">1994</option>

                  <option value="1995">1995</option>

                  <option value="1996">1996</option>

                  <option value="1997">1997</option>

                  <option value="1998">1998</option>

                  <option value="1999">1999</option>

                  <option value="2000">2000</option>

                  <option value="2001">2001</option>

                  <option value="2002">2002</option>

                  <option value="2003">2003</option>

                  <option value="2004">2004</option>

                  <option value="2005">2005</option>

                  <option value="2006">2006</option>

                  <option value="2007">2007</option>

                  <option value="2008">2008</option>

                  <option value="2009">2009</option>

                  <option value="2010">2010</option>

                  <option value="2011">2011</option>

                  <option value="2012">2012</option>

                  <option value="2013">2013</option>

                  <option value="2014">2014</option>

                  <option value="2015">2015</option>

                  <option value="2016">2016</option>

                  <option value="2017">2017</option>

                  <option value="2018">2018</option>

                  <option value="2019">2019</option>

                  <option value="2020">2020</option>

                  <option value="2021">2021</option>

                  <option value="2022">2022</option>

                  <option value="2023">2023</option>

                  <option value="2024">2024</option>

                  <option value="2025">2025</option>

                  <option value="2026">2026</option>

                  <option value="2027">2027</option>

                  <option value="2028">2028</option>

                  <option value="2029">2029</option>

                  <option value="2030">2030</option>

                </select>

              </form>

            </div>

          </div>

        </div>

      </div>

    </div>

    </div>

  </body>

  <script

    src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"

    integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"

    crossorigin="anonymous"

  ></script>

  <script src="student-dashboard.js"></script>

   <script type="text/javascript" language="javascript">

    var versionUpdate = (new Date()).getTime();

    var script = document.createElement("script");

    script.type = "text/javascript";

    script.src = "student-dashboard.js?v=" + versionUpdate;

    document.body.appendChild(script);

</script>

</html>

### Student Registration

### 

### Code

<!DOCTYPE html>

<html lang="en">

  <head>

  <?php include 'includes/top\_links.php' ?>

    <title>Student Register | School Management Software</title>

  </head>

  <body>

    <div class="container-fluid bg-dark text-light overflow-hidden">

*<!--Sidepanel-->*

      <div class="row">

        <div class="col-md-2 col-sm-12 sidepanel m-0 p-0 border border-warning">

            <nav>

              <h3 class="text-center text-light fw-bold">Student Dashboard</h3>

*<!--<a href="../dashboard/student-dashboard.php" class="text-decoration-none fw-bold"><i class="fas fa-home"></i>&nbsp;&nbsp;&nbsp;Home</a>-->*

                <a href="student-register.php" class="active text-decoration-none bg-warning text-dark fw-bold"><i class="fas fa-sign-in-alt"></i>&nbsp;&nbsp;&nbsp;Registration</a>

*<!--<a href="../dashboard-login/student-login.php" class="text-decoration-none fw-bold"><i class="fas fa-user-circle"></i>&nbsp;&nbsp;&nbsp;Profile Details</a>-->*

            </nav>

        </div>

        <div class="col-md-10 col-sm-12">

          <div class="p-4 topbar">

            <p class="h3 fw-bold">Registration</p>

          </div>

          <div class="col-md-12 col-sm-12 nav2">

            <div class="dropdown">

              <nav

                class="

                  navbar navbar-expand-lg navbar-dark

                  bg-dark

                "

                aria-label=""

              >

              <h3 class="navbar-brand justify-content-start fw-bold">Registration</h3>

                <button

                  class="navbar-toggler bg-warning mb-1"

                  type="button"

                  data-bs-toggle="collapse"

                  data-bs-target="#navbarSupportedContent"

                  aria-controls="navbarSupportedContent"

                  aria-expanded="true"

                  aria-label="Toggle navigation"

                >

                  <em class="fas fa-bars"></em>

                </button>

                <div class="collapse navbar-collapse" id="navbarSupportedContent">

                  <nav class="nav flex-column" aria-label="">

*<!--<a class="nav-link fw-bold" href="../dashboard/student-dashboard.php">Home</a>-->*

                    <a

                      class="nav-link active bg-warning text-dark fw-bold"

                      aria-current="page"

                      href="student-register.php"

                      >Registration</a

                    >

*<!--<a class="nav-link fw-bold" href="../dashboard-login/student-login.php">Profile Details</a>-->*

                  </nav>

                </div>

              </nav>

            </div>

          </div>

*<!--Form-->*

      <form action="../php/student\_registration.php" method="POST" enctype="multipart/form-data">

        <h4 class="text-center mt-5">Personal Details</h4><hr>

        <div class="row">

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputEmail1" class="form-label">Name: <span>\*<span></label>

            <input type="text" class="form-control" name="name" placeholder="Enter your name" id="exampleInputName1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Father's Name: <span>\*<span></label>

            <input type="text" class="form-control" name="fname" placeholder="Enter your father's name" id="exampleInputPassword1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Mother's Name: <span>\*<span></label>

            <input type="text" class="form-control" name="mname" placeholder="Enter your mother's name" id="exampleInputPassword1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputEmail1" class="form-label">Father's Occupation: <span>\*<span></label>

            <input type="text" class="form-control" name="foccu" placeholder="Enter your father's occupation" id="exampleInputName1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Mother's Occupation: <span>\*<span></label>

            <input type="text" class="form-control" name="moccu" placeholder="Enter your mother's occupation:" id="exampleInputPassword1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Date Of Birth (DOB): <span>\*<span></label>

            <input type="date" class="form-control" name="dob" id="exampleInputPassword1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputEmail1" class="form-label">Gender: <span>\*<span></label>

            <select class="form-select" name="gender" aria-label="Default select example" required>

          <option selected disabled>Select your gender</option>

          <option value="Male">Male</option>

          <option value="Female">Female</option>

          <option value="Others">Others</option>

        </select>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Religion: <span>\*<span></label>

            <select class="form-select" name="religion" aria-label="Default select example" required>

          <option selected disabled>Select your religion</option>

          <option value="Hindu">Hindu</option>

          <option value="Muslim">Muslim</option>

          <option value="Sikh">Sikh</option>

          <option value="Christian">Christian</option>

          <option value="Others">Others</option>

        </select>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Category: <span>\*<span></label>

            <select class="form-select" name="category" aria-label="Default select example" required>

          <option selected disabled>Select your category</option>

          <option value="General">General</option>

          <option value="OBC/EBC">OBC / EBC</option>

          <option value="SC/ST">SC / ST</option>

        </select>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputEmail1" class="form-label">Mobile Number: <span>\*<span></label>

            <input type="tel" class="form-control" name="mobnum" placeholder="e.g. 123 456 7890" id="exampleInputName1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Alternative Number: <span>\*<span></label>

            <input type="tel" class="form-control" name="altnum" placeholder="e.g. 123 456 7890" id="exampleInputPassword1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Email Id: <span>\*<span></label>

            <input type="email" class="form-control" name="email" placeholder="e.g. sample@gmail.com" id="exampleInputPassword1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputEmail1" class="form-label">Aadhar Number: <span>\*<span></label>

            <input type="text" class="form-control" name="aadhar" placeholder="e.g. 1111 2222 3333" id="exampleInputName1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Document: <span>\*<span></label>

              <input type="file" class="form-control" name="document" aria-label="file example" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Photo: <span>\*<span></label>

              <input type="file" class="form-control" name="photo" aria-label="file example" required>

          </div></div>

          <h4 class="text-center mt-2">Address Details</h4><hr>

          <div class="row">

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputEmail1" class="form-label">Address: <span>\*<span></label>

            <input type="text" class="form-control" name="address" placeholder="Enter your address" id="exampleInputName1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Post Office: <span>\*<span></label>

            <input type="text" class="form-control" name="post" placeholder="Enter post office" id="exampleInputPassword1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Police Station: <span>\*<span></label>

            <input type="text" class="form-control" name="police" placeholder="Enter police station" id="exampleInputPassword1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputEmail1" class="form-label">District: <span>\*<span></label>

            <input type="text" class="form-control" name="district" placeholder="Enter your district" id="exampleInputName1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">State: <span>\*<span></label>

            <input type="text" class="form-control" name="state" placeholder="Enter state" id="exampleInputPassword1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Pin Code: <span>\*<span></label>

            <input type="text" class="form-control" name="pin" placeholder="Enter pin code" id="exampleInputPassword1" required>

          </div></div>

          <h4 class="text-center mt-2">Admission Details</h4><hr>

          <div class="row">

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputEmail1" class="form-label">Class: <span>\*<span></label>

            <input type="text" class="form-control" name="class" placeholder="Enter your class" id="exampleInputName1" required>

          </div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">Shift: <span>\*<span></label>

            <select class="form-select" name="shift" aria-label="Default select example" required>

          <option selected disabled>Select your choice</option>

          <option value="Morning">Morning</option>

          <option value="Day">Day</option>

        </select></div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <label for="exampleInputPassword1" class="form-label">School Bus: <span>\*<span></label>

            <select class="form-select" name="bus" aria-label="Default select example" required>

          <option selected disabled>Select your choice</option>

          <option value="Yes">Yes</option>

          <option value="No">No</option>

        </select>

      </div></div>

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <span>\* Marked fields are compulsory</span></div>

*<!--Button-->*

          <div class="col-md-3 m-md-5 mt-md-0 mb-md-3 col-sm-12">

            <button type="submit" name="register" class="btn btn-warning">Register</button>

            <button type="reset" class="btn btn-secondary">Reset</button></div>

          </div>

      </form>

        </div>

    </div>

  </body>

  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

</html>

### Library

### 

### Code

<!DOCTYPE html>

<html lang="en">

  <head>

    <?php include 'lib\_include/link.php'; ?>

    <link href="library.css" rel="stylesheet" type="text/css" />

    <title>School Management Software</title>

  </head>

  <body>

    <div class="container-fluid p-0 m-0 bg-dark text-light overflow-hidden">

*<!--Navbar-->*

      <div class="row common">

        <div class="col-md-12 col-sm-12 p-4 text-center bg-dark nav1">

          <a

            href="../index.php"

            aria-current="page"

            class="p-4"

            >Home</a

          >

          <a href="../about-us.php" class="p-4">About Us</a>

          <a href="../photo-gallery.php" class="p-4">Photo Gallery</a>

          <a href="../std-admission.php" class="p-4">Admission</a>

          <a href="../academics.php" class="p-4">Academics</a>

          <a href="../infrastructure.php" class="p-4">Infrastructure</a>

          <a href="../contact.php" class="p-4">Contact</a>

        </div>

        <div class="col-md-12 col-sm-12 nav2">

          <div class="dropdown">

            <nav

              class="

                navbar navbar-expand-lg navbar-dark

                bg-dark

                justify-content-end

              "

              aria-label=""

            >

              <button

                class="navbar-toggler bg-warning mb-1"

                type="button"

                data-bs-toggle="collapse"

                data-bs-target="#navbarSupportedContent"

                aria-controls="navbarSupportedContent"

                aria-expanded="true"

                aria-label="Toggle navigation"

              >

                <em class="fas fa-bars"></em>

              </button>

              <div class="collapse navbar-collapse" id="navbarSupportedContent">

                <nav class="nav flex-column" aria-label="">

                  <a

                    class="nav-link"

                    aria-current="page"

                    href="index.php"

                    >Home</a

                  >

                  <a class="nav-link" href="../about-us.php">About Us</a>

                  <a class="nav-link" href="../photo-gallery.php">Photo Gallery</a>

                  <a class="nav-link" href="../std-admission.php"

                    >Admission</a

                  >

                  <a class="nav-link" href="../academics.php">Academics</a>

                  <a class="nav-link" href="../infrastructure.php"

                    >Infrastructure</a

                  >

                  <a class="nav-link" href="../contact.php">Contact</a>

                </nav>

              </div>

            </nav>

          </div>

        </div>

      </div>

*<!--English-->*

      <div class="container">

        <h3 class="text-center pt-5">English</h3>

        <div class="row d-flex justify-content-center">

          <div

            class="card m-5 text-warning bg-dark border border-warning"

            style="max-width: 42%"

          >

            <div class="row">

              <div class="col-md-4 col-sm-12">

                <a

                  href="https://drive.google.com/drive/folders/1I-FIU0lixivZuFSFm9p8b5Tn-Cj2zkGH?usp=sharing"

                  ><img

                    src="book-images/eng1.jpg"

                    class="img-fluid rounded-start"

                    alt="..."

                /></a>

              </div>

              <div class="col-md-8 col-sm-12">

                <div class="card-body">

                  <h5 class="card-title">Together With English Literature</h5>

                  <p class="card-text">For ICSE students</p>

                  <p class="card-text"><small class="">Rachna Sagar</small></p>

                </div>

              </div>

            </div>

          </div>

          <div

            class="card m-5 text-warning bg-dark border border-warning"

            style="max-width: 42%"

          >

            <div class="row">

              <div class="col-md-4 col-sm-12">

                <a

                  href="https://drive.google.com/drive/folders/1I-FIU0lixivZuFSFm9p8b5Tn-Cj2zkGH?usp=sharing"

                  ><img

                    src="book-images/eng2.jpg"

                    class="img-fluid rounded-start"

                    alt="..."

                /></a>

              </div>

              <div class="col-md-8 col-sm-12">

                <div class="card-body">

                  <h5 class="card-title">Frank ISC English Papers</h5>

                  <p class="card-text">For ISC students</p>

                  <p class="card-text">

                    <small class="">Macmillan Education</small>

                  </p>

                </div>

              </div>

            </div>

          </div>

        </div>

      </div>

*<!--Mathematics-->*

      <div class="container">

        <h3 class="text-center">Mathematics</h3>

        <div class="row d-flex justify-content-center">

          <div

            class="card m-5 text-warning bg-dark border border-warning"

            style="max-width: 42%"

          >

            <div class="row">

              <div class="col-md-4 col-sm-12">

                <a

                  href="https://drive.google.com/drive/folders/1I-FIU0lixivZuFSFm9p8b5Tn-Cj2zkGH?usp=sharing"

                  ><img

                    src="book-images/maths1.jpg"

                    class="img-fluid rounded-start"

                    alt="..."

                /></a>

              </div>

              <div class="col-md-8 col-sm-12">

                <div class="card-body">

                  <h5 class="card-title">Together With Mathematics</h5>

                  <p class="card-text">For ICSE students</p>

                  <p class="card-text"><small class="">Rachna Sagar</small></p>

                </div>

              </div>

            </div>

          </div>

          <div

            class="card m-5 text-warning bg-dark border border-warning"

            style="max-width: 42%"

          >

            <div class="row">

              <div class="col-md-4 col-sm-12">

                <a

                  href="https://drive.google.com/drive/folders/1I-FIU0lixivZuFSFm9p8b5Tn-Cj2zkGH?usp=sharing"

                  ><img

                    src="book-images/maths2.jpg"

                    class="img-fluid rounded-start"

                    alt="..."

                /></a>

              </div>

              <div class="col-md-8 col-sm-12">

                <div class="card-body">

                  <h5 class="card-title">ISC Mathematics</h5>

                  <p class="card-text">For ISC students</p>

                  <p class="card-text"><small class="">S.Chand</small></p>

                </div>

              </div>

            </div>

          </div>

        </div>

      </div>

*<!--Science-->*

      <div class="container">

        <h3 class="text-center">Science Stream</h3>

        <div class="row d-flex justify-content-center">

          <div

            class="card m-5 text-warning bg-dark border border-warning"

            style="max-width: 42%"

          >

            <div class="row">

              <div class="col-md-4 col-sm-12">

                <a

                  href="https://drive.google.com/drive/folders/1I-FIU0lixivZuFSFm9p8b5Tn-Cj2zkGH?usp=sharing"

                  ><img

                    src="book-images/sci1.jpg"

                    class="img-fluid rounded-start"

                    alt="..."

                /></a>

              </div>

              <div class="col-md-8 col-sm-12">

                <div class="card-body">

                  <h5 class="card-title">10 Years Solved Papers</h5>

                  <p class="card-text">For ICSE students</p>

                  <p class="card-text"><small class="">Gurukul</small></p>

                </div>

              </div>

            </div>

          </div>

          <div

            class="card m-5 text-warning bg-dark border border-warning"

            style="max-width: 42%"

          >

            <div class="row">

              <div class="col-md-4 col-sm-12">

                <a

                  href="https://drive.google.com/drive/folders/1I-FIU0lixivZuFSFm9p8b5Tn-Cj2zkGH?usp=sharing"

                  ><img

                    src="book-images/sci2.jpg"

                    class="img-fluid rounded-start"

                    alt="..."

                /></a>

              </div>

              <div class="col-md-8 col-sm-12">

                <div class="card-body">

                  <h5 class="card-title">10 Years Solved Papers</h5>

                  <p class="card-text">For ISC students</p>

                  <p class="card-text"><small class="">Gurukul</small></p>

                </div>

              </div>

            </div>

          </div>

        </div>

      </div>

*<!--Commerce-->*

      <div class="container">

        <h3 class="text-center">Commerce Stream</h3>

        <div class="row d-flex justify-content-center">

          <div

            class="card m-5 text-warning bg-dark border border-warning"

            style="max-width: 42%"

          >

            <div class="row">

              <div class="col-md-4 col-sm-12">

                <a

                  href="https://drive.google.com/drive/folders/1I-FIU0lixivZuFSFm9p8b5Tn-Cj2zkGH?usp=sharing"

                  ><img

                    src="book-images/comm1.jpeg"

                    class="img-fluid rounded-start"

                    alt="..."

                /></a>

              </div>

              <div class="col-md-8 col-sm-12">

                <div class="card-body">

                  <h5 class="card-title">10 Years Solved Papers</h5>

                  <p class="card-text">For ICSE students</p>

                  <p class="card-text"><small class="">Gurukul</small></p>

                </div>

              </div>

            </div>

          </div>

          <div

            class="card m-5 text-warning bg-dark border border-warning"

            style="max-width: 42%"

          >

            <div class="row">

              <div class="col-md-4 col-sm-12">

                <a

                  href="https://drive.google.com/drive/folders/1I-FIU0lixivZuFSFm9p8b5Tn-Cj2zkGH?usp=sharing"

                  ><img

                    src="book-images/comm2.jpg"

                    class="img-fluid rounded-start"

                    alt="..."

                /></a>

              </div>

              <div class="col-md-8 col-sm-12">

                <div class="card-body">

                  <h5 class="card-title">10 Years Solved Papers</h5>

                  <p class="card-text">For ISC students</p>

                  <p class="card-text"><small class="">Gurukul</small></p>

                </div>

              </div>

            </div>

          </div>

        </div>

      </div>

*<!--Note-->*

      <div class="container">

        <h3 class="text-center">\*\*Click on the book images to read online\*\*</h3>

      </div>

*<!--Footer-->*

      <?php include 'lib\_include/footer.html'; ?>

    </div>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.10.2/jquery.min.js"></script>

    <script

      src="http://www.jose-aguilar.com/scripts/jquery/progress-bar/js/progress.js"

      type="text/javascript"

      charset="utf-8"

    ></script>

    <script

      src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.1/dist/js/bootstrap.bundle.min.js"

      integrity="sha384-/bQdsTh/da6pkI1MST/rWKFNjaCP5gBSY4sEBT38Q/9RBh9AH40zEOg7Hlq2THRZ"

      crossorigin="anonymous"

    ></script>

  </body>

</html>

### Student Login

### 

### Code

<?php

    include('php/db\_student.php');

    if(isset($\_POST['login']))

    {

    $email=$\_POST['email'];

    $mobnum=$\_POST['mobnum'];

    $sql=mysqli\_query($conn,"select \* from student where email='$email' && mobnum='$mobnum'");

    $num=mysqli\_num\_rows($sql);

    if($num>0){

        echo '<script type="text/JavaScript"> alert("Successfully logged in");</script>';

        echo '<script type="text/javascript">

      window.location="dashboard/student-dashboard.php";

    </script>';

    }

    else{

        echo '<script type="text/JavaScript"> alert("Register First");</script>';

    }

}

?>

<!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=1.0" />

    <link

      href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.1/dist/css/bootstrap.min.css"

      rel="stylesheet"

      integrity="sha384-F3w7mX95PdgyTmZZMECAngseQB83DfGTowi0iMjiWaeVhAn4FJkqJByhZMI3AhiU"

      crossorigin="anonymous"

    />

    <link

      rel="stylesheet"

      href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"

      integrity="sha384-AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"

      crossorigin="anonymous"

    />

    <title>Student Login | School Management Software</title>

</head>

<body class="bg-dark">

<div class="container-fluid p-5 pb-0 m-0 bg-dark pt-0 text-light">

<h3 class="pt-4 pb-3 text-center">Student Login</h3>

<hr class="bg-warning" style="border-bottom: 5px solid #ffc107;"/>

<div class="container d-flex justify-content-center mt-5">

<form class="border border-warning border-5 rounded m-2 p-3" action="" method="POST">

  <div class="mb-3">

    <label for="exampleInputEmail1" class="form-label">Email: </label>

    <input type="text" class="form-control bg-secondary" name="email">

  </div>

  <div class="mb-3">

    <label for="exampleInputPassword1" class="form-label">Mobile Number: </label>

    <input type="tel" class="form-control bg-secondary" name="mobnum">

  </div>

  <div class="d-flex justify-content-center">

  <button type="submit" class="btn btn-warning" name="login">Login</button>&nbsp;

  <button type="reset" class="btn btn-light" name="login">Reset</button>

</div>

<br>

  <p>Didn't register yet?

  <a href="admission/student-register.php" type="submit" class="btn btn-secondary" autocomplete="off">Register</a></p>

</form>

</div>

</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

</body>

</html>

### Admin Panel

### 

### Code

<!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=1.0" />

    <link

      href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.1/dist/css/bootstrap.min.css"

      rel="stylesheet"

      integrity="sha384-F3w7mX95PdgyTmZZMECAngseQB83DfGTowi0iMjiWaeVhAn4FJkqJByhZMI3AhiU"

      crossorigin="anonymous"

    />

    <link

      rel="stylesheet"

      href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"

      integrity="sha384-AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"

      crossorigin="anonymous"

    />

    <title>Admin | School Management Software</title>

</head>

<body class="bg-dark">

    <div class="container-fluid p-5 pb-0 m-0 bg-dark pt-0 text-light text-center" style="font-family: 'Times New Roman', Times, serif;">

      <h3 class="pt-4 pb-3">Admin Panel</h3>

      <hr class="bg-warning" style="border-bottom: 5px solid #ffc107;"/>

      <div class="container d-flex justify-content-start">

        <div class="row">

          <div class="card border-warning mb-3 bg-dark text-center" style="max-width: auto;">

            <div class="pt-1 text-center bg-dark"></div>

            <div class="p-l card-body bg-dark">

              <h5 class="p-1 card-title">Student Records</h5><hr class="bg-warning">

              <p class="p-1 card-text">Click on continue to view records and manipulate data.</p>

              <a href="student-admin.php" type="submit" class="btn btn-warning">Continue</a>

 </div>

          </div>

        </div>

        </div>

        <div class="container d-flex justify-content-center">

          <div class="row">

            <div class="card border-warning mb-3 bg-dark text-center" style="max-width: auto;">

              <div class="pt-1 text-center bg-dark"></div>

              <div class="p-l card-body bg-dark">

                <h5 class="p-1 card-title">Teacher Records</h5><hr class="bg-warning">

                <p class="p-1 card-text">Click on continue to view records and manipulate data.</p>

                <a href="teacher-admin.php" type="submit" class="btn btn-warning">Continue</a>

 </div>

            </div>

          </div>

          </div>

          <div class="container d-flex justify-content-end">

            <div class="row">

              <div class="card border-warning mb-3 bg-dark text-center" style="max-width: auto;">

                <div class="pt-1 text-center bg-dark"></div>

                <div class="p-l card-body bg-dark">

                  <h5 class="p-1 card-title">Staff Records</h5><hr class="bg-warning">

                  <p class="p-1 card-text">Click on continue to view records and manipulate data.</p>

                  <a href="staff-admin.php" type="submit" class="btn btn-warning">Continue</a>

             </div>

              </div>

            </div>

            </div>

    </div>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

</body>

</html>

**Testing**

The following describes the level of team interaction necessary to have a successful product.

The Test Team will work closely with the Development Team to achieve a high quality design and user interface specifications based on customer requirements. The Test Team is responsible for visualizing test cases and raising quality issues and concerns during meetings to address issues early enough in the development cycle.

The Test Team will work closely with Development Team to determine whether or not the application meets standards for completeness. If an area is not acceptable for testing, the code complete date will be pushed out, giving the developers additional time to stabilize the area.

Since the application interacts with a back-end system component, the Test Team will need to include a plan for integration testing. Integration testing must be executed successfully prior to system testing.

### Test Objective

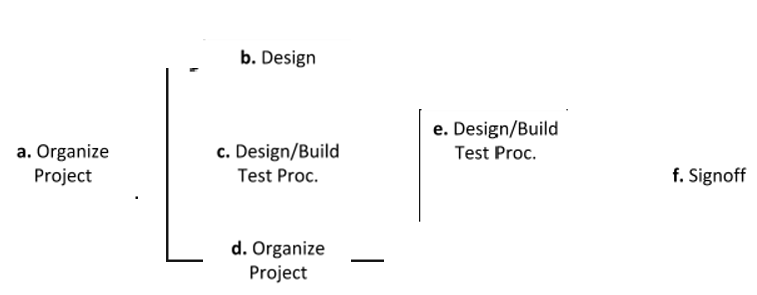
The objective our test plan is to find and report as many bugs as possible to improve the integrity of our program. Although exhaustive testing is not possible, we will exercise a broad range of tests to achieve our goal. We will be testing a Binary Search Tree Application utilizing a pre-order traversal format. There will be eight key functions used to manage our application: load, store, clear, search, insert, delete, list in ascending order, and list in descending order. Our user interface to utilize these functions is designed to be user-friendly and provide easy manipulation of the tree. The application will only be used as a demonstration tool, but we would like to ensure that it could be run from a variety of platforms with little impact on performance or usability.

### Process Overview

The following represents the overall flow of the testing process:

* Identify the requirements to be tested. All test cases shall be derived using the current Program Specification.
* Identify which particular test(s) will be used to test each module.
* Review the test data and test cases to ensure that the unit has been thoroughly verified and that the test data and test cases are adequate to verify proper operation of the unit.
* Identify the expected results for each test.
* Document the test case configuration, test data, and expected results.
* Perform the test(s).
* Document the test data, test cases, and test configuration used during the testing process. This information shall be submitted via the Unit/System Test Report (STR).
* Successful unit testing is required before the unit is eligible for component integration/system testing.
* Unsuccessful testing requires a Bug Report Form to be generated. This document shall describe the test case, the problem encountered, its possible cause, and the sequence of events that led to the problem. It shall be used as a basis for later technical analysis.
* Test documents and reports shall be submitted. Any specifications to be reviewed, revised, or updated shall be handled immediately.

## **Testing Process**



The diagram above outlines the Test Process approach that will be followed.

1. **Organize Project** involves creating a System Test Plan, Schedule & Test Approach, and assigning responsibilities.
2. **Design/Build System Test** involves identifying Test Cycles, Test Cases, Entrance & Exit Criteria, Expected Results, etc. In general, test conditions/expected results will be identified by the Test Team in conjunction with the Development Team. The Test Team will then identify Test Cases and the Data required. The Test conditions are derived from the Program Specifications Document.
3. **Design/Build Test Procedures** includes setting up procedures such as Error Management systems and Status reporting.
4. **Build Test Environment** includes requesting/building hardware, software and data set-ups.
5. **Execute System Tests –** The tests identified in the Design/Build Test Procedures will be executed. All results will be documented and Bug Report Forms filled out and given to the Development Team as necessary.
6. **Signoff** - Signoff happens when all pre-defined exit criteria have been achieved.

### Testing Strategy

The following outlines the types of testing that will be done for unit, integration, and system testing. While it includes what will be tested, the specific use cases that determine how the testing is done will be detailed in the Test Design Document. The test cases that will be used for designing use cases is shown in Figure 2.1 and onwards.

|  |  |  |
| --- | --- | --- |
| Tested By: | | Dwaipayan Mitra |
| Test Type: | | Unit testing |
| Test case number | | 1 |
| Test case name | | User Identification |
| Test case description | | The user should enter his/ her accurate userid and password so that he/she can able to go for the further options. The test case will check the application for the same since a user can only login with the correct userid , password. |
| Item(s) to be tested | | 1. Verification of the userid and password with the record in the database. |
| Specifications | | |
| Input | **Expected Output/Result** | |
| 1. **Correct User ID and password** 2. **Incorrect User ID or password** | 1. Successful login 2. Failure message | |

**Unit Testing**

Unit Testing is done at the source or code level for language-specific programming errors such as bad syntax, logic errors, or to test particular functions or code modules. The unit test cases shall be designed to test the validity of the programs correctness.

### White Box Testing

In white box testing, the UI is bypassed. Inputs and outputs are tested directly at the code level and the results are compared against specifications. This form of testing ignores the function of the program under test and will focus only on its code and the structure of that code. Test case designers shall generate cases that not only cause each condition to take on all possible values at least once, but that cause each such condition to be executed at least once. To ensure this happens, we will be applying Branch Testing. Because the functionality of the program is relatively simple, this method will be feasible to apply.

Each function of the binary tree repository is executed independently; therefore, a program flow for each function has been derived from the code.

### Black Box Testing

Black box testing typically involves running through every possible input to verify that it results in the right outputs using the software as an end-user would. We have decided to perform Equivalence Partitioning and Boundary Value Analysis testing on our application.

### System Testing

### The goals of system testing are to detect faults that can only be exposed by testing the entire integrated system or some major part of it. Generally, system testing is mainly concerned with areas such as performance, security, validation, load/stress, and configuration sensitivity. But in our case well focus only on function validation and performance. And in both cases we will use the black-box method of testing.

### System Security Measures

### Only authorized users are allowed.

* Without signing in users are not allowed to go an intermediate page by typing an URL. For all such efforts, users will be redirected to the home page

### 

### Database/Data Security

### Database is present in remote machine

### Mysql’s default securities are applied

### Cost Estimation of the Project along with Cost Estimation Model

### Analogous estimate of effort or cost

Used for Early Estimate or Individual Activity Estimate

Sample example shown below is for two major deliverables of a software project. You use a previous project as a benchmark for analogous estimation. Using your experience you will estimate a multiplier.

**Multipliers:**

* Prototyping: 0.75.
* Testing: 0.5
* Deployment: 0.5

Finally, if you want to convert to cost, you would use current rates for the resource.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **WBS ID** | **Previous Similar Project Activity** | **Previous Effort** | **Current Project Estimate** | **Multiplier** | **Effort (Previous Effort \* 0.75)** | **Cost(Rs. 500/hr.)** |
| 1 | Prototyping | 40  Work-Hours | Prototyping | 0.75 | 30  Work-hours | Rs. 15000/- |
| 2 | Testing | 20  Work-Hours | Testing | 0.50 | 10  Work-Hours | Rs. 5000/- |
| **Total** |  |  |  |  | **40 Work-**  **Hours** | **Rs. 20000/-** |

**Note: Effort is also called Size and unit of estimation is called either Work-Hour, person-hour**

**Future scope and further enhancement of the Project**

* Attendance record Integration
* Online Payment Integration
* Auto-generated email generation

**Bibliography**

* [**www.php.net**](http://www.php.net)
* [**www.w3school.com**](http://www.w3school.com)
* [**www.github.com**](http://www.github.com)