

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A Database Management System Mini Project Report on “LEARNING MANAGEMENT SYSTEM”

Submitted in Partial fulfillment of the Requirements for the V Semester of the Degree of

**Bachelor of Engineering in
Computer Science & Engineering By**

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Under the Guidance of,

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CMR INSTITUTE OF TECHNOLOGY

Affiliated to VTU, Approved by AICTE, Accredited by NBA and NAAC with “A++” Grade

ITPL MAIN ROAD, BROOKFIELD, BENGALURU-560037, KARNATAKA, INDIA

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the Database Management System Project work entitled “**LEARNING MANAGEMENT SYSTEM**” has been carried out by **LAVANYA G, 1CR20CS101** and **MANOJ S, 1CR20CS111**, bonafide students of CMR Institute of Technology, Bengaluru in partial fulfillment for the award of the Degree of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year **2022-2023**. It is certified that all corrections/suggestions indicated for the Internal Assessment have been incorporated in the report deposited in the departmental library. This Database Management System Project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Signature of Guide
Prof Kartheek G C R,
Assistant Professor,
Dept. of CSE, CMRIT

Signature of HOD
Dr.Shreekanth M Prabhu
Professor and HoD
Dept. of CSE, CMRIT

External Viva

Name of the Examiners

- 1.
- 2.

Signature with date

DECLARATION

We, the students of V semester of Computer Science and Engineering, CMR Institute of Technology, Bangalore declare that the project work entitled "**LEARNING MANAGEMENT SYSTEM**" has been successfully completed under the guidance of Prof Kartheek G C R, Assistant professor, Dept. of Computer Science and Engineering, CMR Institute of technology, Bengaluru. This project work is submitted in partial fulfillment of the requirements for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering during the academic year 2022-2023. The matter embodied in the project report has not been submitted previously by anybody for the award of any degree or diploma to any university.

Place: Bangalore

Date: 17/01/2023

Team members:

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MANOJ S (1CR20CS111)	MANOJ S

ABSTRACT

Managing and finding notes for subjects in every semester in engineering is a huge task. This project is aimed at developing a web-based application named ‘Learning Management System’ for managing syllabus, notes and Question papers using a database at the back-end and a Web based GUI at the front-end.

Admin has the privilege to upload new notes, syllabus and Question Papers to a particular subject, and to modify their records.

Keywords:

1. Login form Validation.
2. Access Syllabus, notes, and Question Bank.
3. Update, Delete the content.
4. Students
5. Learning

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CHAPTER 1

INTRODUCTION

The project titled “**LEARNING MANAGEMENT SYSTEM**,” is notes management software for uploading and accessing subject notes based on their respective semester. This project is developed using HTML, CSS and JavaScript for front-end and PHP, MySQL for back-end.

This project is a web based application designed and developed to help users access subject wise Notes ,Syllabus and Question Bank. This software is easy to use, and it features a familiar and well-thought-out attractive user interface, combined with insertion and deletion .

Analyzing notes have been a huge task performed by professional teachers who are spread around the state. From proper description to detailed explanations, system allows easy maintenance record of such complex literature.

1.1 OBJECTIVE

The specific objectives of the project include:

- To provide assistance to the students .
- Organized Content.
- Implementing an online Learning management system
- To inspire the students to do Learn more
- Eco-friendly Learning system

1.2 Scope of the project

There is a scope of this project which helps students to get out the unorganized content storage. Our website which is an exclusive portal for every students. The website has been developed to help the student by general needs such as Notes, Question papers and Syllabus. Admin has the privilege to upload new notes, syllabus and Question Papers to a particular subject, and to update their records.

CHAPTER 2

SYSTEM REQUIREMENTS SPECIFICATION

2.1 Hardware Requirements:

Processor : i5 Core Processor

Clock speed : 1.19 GHz

RAM : 8 GB

2.2 Software Requirements

Operating System : 64-bit Operating System

Windows 10 Database : MySQL

Web Server : XAMPP

IDE : Visual Studio CodeScripting

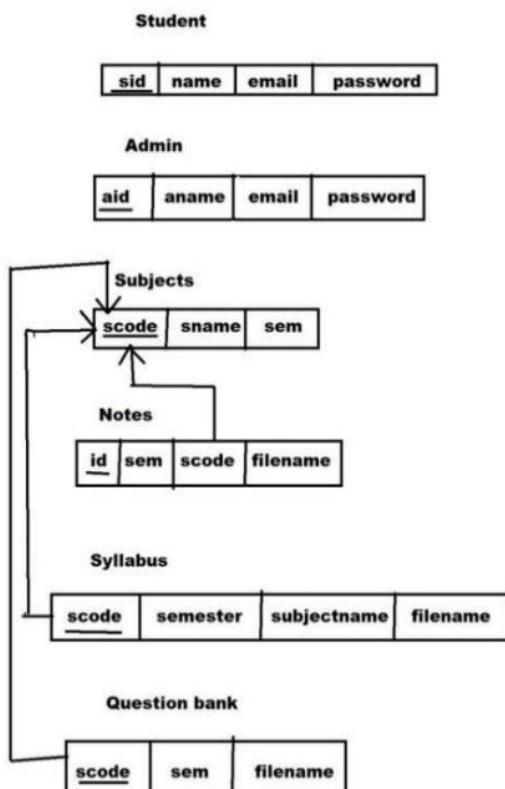
Language : PHP

Front-End : HTML, CSS

CHAPTER 3

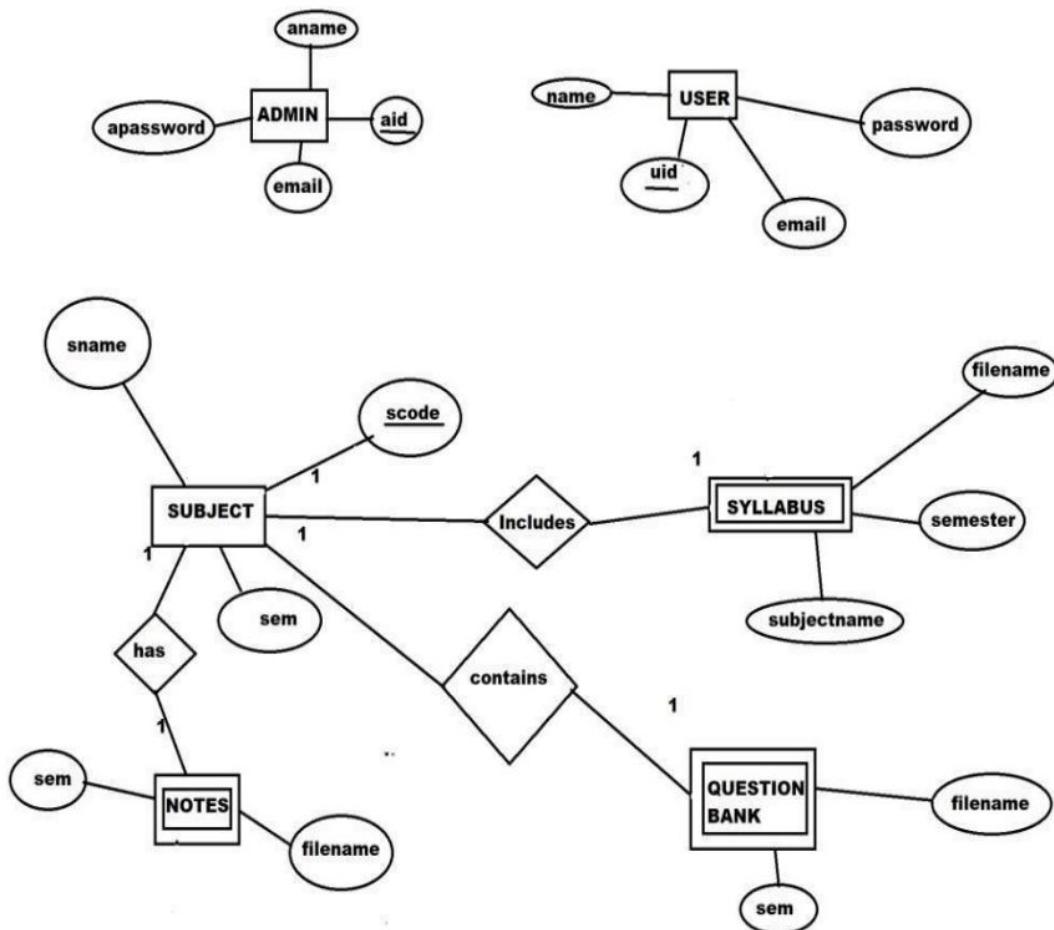
3.1 Schema Diagram

A schema diagram is a diagram which contains entities and the attributes that will define that schema. A schema diagram shows us the database design.



3.2 ER Diagram

An entity relationship diagram (ERD) shows the relationships of entity sets stored in a database. In other words, ER diagrams illustrate the logical structure of databases.



4.Database Design

A database design includes logical (entity relationship) and physical (table, column and key) design tools for the data.

Server: 127.0.0.1 » Database: demo1 » Table: admin						
	Browse	Structure	SQL	Search	Insert	Export
Showing rows 0 - 1 (2 total, Query took 0.0005 seconds.)						
<pre>SELECT * FROM `admin`</pre>						
<input type="checkbox"/> Profiling	Edit inline	Edit	Explain SQL	Create PHP code	Refresh	
<input type="checkbox"/> Show all	Number of rows:	25	Filter rows:	Search this table	S	
Extra options						
	← T →		aid	aname	email	apassword
<input type="checkbox"/>	Edit	Copy	Delete	1	manoj	manoj@gmail.com
<input type="checkbox"/>	Edit	Copy	Delete	2	Lavanya	lavanya@gmail.com
						lavanya@123

Table 4.1 Admin Table

Server: 127.0.0.1 » Database: demo1 » Table: user_form						
	Browse	Structure	SQL	Search	Insert	Export
Showing rows 0 - 4 (5 total, Query took 0.0003 seconds.)						
<pre>SELECT * FROM `user_form`</pre>						
<input type="checkbox"/> Profiling	Edit inline	Edit	Explain SQL	Create PHP code	Refresh	
<input type="checkbox"/> Show all	Number of rows:	25	Filter rows:	Search this table	S	
Extra options						
	← T →		sid	name	email	password
<input type="checkbox"/>	Edit	Copy	Delete	1	lavanya	lavanyag938@gmail.com
<input type="checkbox"/>	Edit	Copy	Delete	2	udi	udi@cmrit.ac.in
<input type="checkbox"/>	Edit	Copy	Delete	3	Kavya	kavya@gmail.com
<input type="checkbox"/>	Edit	Copy	Delete	4	manisha	manisha@gmail.com
<input type="checkbox"/>	Edit	Copy	Delete	5	Kiran	kiran@gmail.com

Table 4.2 Student Table

Server: 127.0.0.1 > Database: demo1 > Table: subjects

	scode	sname	sem
<input type="checkbox"/>	Edit  Copy  Delete	18CHE22 CHEMISTRY	2
<input type="checkbox"/>	Edit  Copy  Delete	18CPS23 C PROGRAMMING FOR PROBLEM SOLVING	2
<input type="checkbox"/>	Edit  Copy  Delete	18CS32 DS	3
<input type="checkbox"/>	Edit  Copy  Delete	18CS33 ADE	3
<input type="checkbox"/>	Edit  Copy  Delete	18CS42 DAA	4
<input type="checkbox"/>	Edit  Copy  Delete	18CS43 OPERATING SYSTEMS	4
<input type="checkbox"/>	Edit  Copy  Delete	18CS51 MEIT	5
<input type="checkbox"/>	Edit  Copy  Delete	18CS52 CNS	5
<input type="checkbox"/>	Edit  Copy  Delete	18CS53 DBMS	5
<input type="checkbox"/>	Edit  Copy  Delete	18CS61 SYSTEM SOFTWARE AND COMPILERS	6
<input type="checkbox"/>	Edit  Copy  Delete	18CS62 COMPUTER GRAPHICS AND VISUALIZATION	6
<input type="checkbox"/>	Edit  Copy  Delete	18CS63 WEB TECHNOLOGY AND ITS APPLICATIONS	6
<input type="checkbox"/>	Edit  Copy  Delete	18CS71 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	7
<input type="checkbox"/>	Edit  Copy  Delete	18CS72 BIG DATA AND ANALYTICS	7
<input type="checkbox"/>	Edit  Copy  Delete	18CS73 SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	7
<input type="checkbox"/>	Edit  Copy  Delete	18CS81 INTERNET OF THINGS	8
<input type="checkbox"/>	Edit  Copy  Delete	18CS82 MOBILE COMPUTING	8
<input type="checkbox"/>	Edit  Copy  Delete	18CS83 NOSQL DATABASE	8
<input type="checkbox"/>	Edit  Copy  Delete	18ELE13 ELECTRICAL	1

Server: 127.0.0.1 > Database: demo1 > Table: subjects

	scode	sname	sem
<input type="checkbox"/>	Edit  Copy  Delete	18CS53 DBMS	5
<input type="checkbox"/>	Edit  Copy  Delete	18CS61 SYSTEM SOFTWARE AND COMPILERS	6
<input type="checkbox"/>	Edit  Copy  Delete	18CS62 COMPUTER GRAPHICS AND VISUALIZATION	6
<input type="checkbox"/>	Edit  Copy  Delete	18CS63 WEB TECHNOLOGY AND ITS APPLICATIONS	6
<input type="checkbox"/>	Edit  Copy  Delete	18CS71 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	7
<input type="checkbox"/>	Edit  Copy  Delete	18CS72 BIG DATA AND ANALYTICS	7
<input type="checkbox"/>	Edit  Copy  Delete	18CS73 SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	7
<input type="checkbox"/>	Edit  Copy  Delete	18CS81 INTERNET OF THINGS	8
<input type="checkbox"/>	Edit  Copy  Delete	18CS82 MOBILE COMPUTING	8
<input type="checkbox"/>	Edit  Copy  Delete	18CS83 NOSQL DATABASE	8
<input type="checkbox"/>	Edit  Copy  Delete	18ELE13 ELECTRICAL	1
<input type="checkbox"/>	Edit  Copy  Delete	18MAT11 MATHS	1
<input type="checkbox"/>	Edit  Copy  Delete	18MAT21 MATHS	2
<input type="checkbox"/>	Edit  Copy  Delete	18MAT31 MATHS	3
<input type="checkbox"/>	Edit  Copy  Delete	18MAT41 MATHS	4
<input type="checkbox"/>	Edit  Copy  Delete	18PHY12 PHYSICS	1

Table 4.3 Subjects Table

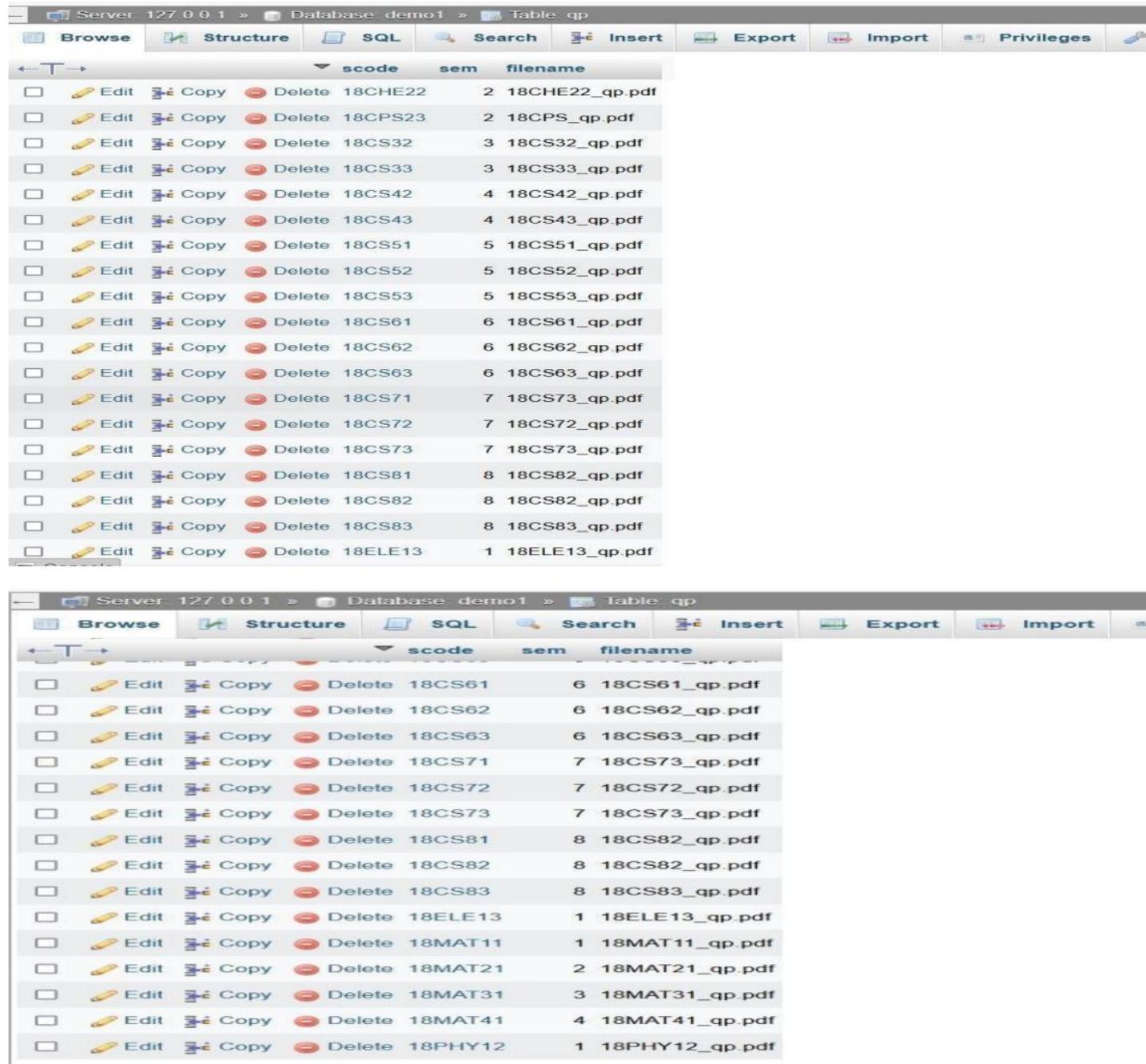
Server: 127.0.0.1 » Database: demo1 » Table: notes

	Edit	Copy	Delete	id	sem	scode	filename
<input type="checkbox"/>	Edit	Copy	Delete	1	2	18MAT21	18MAT21_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	3	1	18PHY12	18PHY12_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	4	1	18ELE13	18ELE13_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	5	2	18CHE22	18CHE22_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	6	2	18CPS23	18CPS23_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	7	3	18MAT31	18MAT31_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	8	3	18CS32	18CS32_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	13	4	18MAT41	18MAT41_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	14	4	18CS42	18CS42_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	15	4	18CS43	18CS43_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	16	5	18CS51	18CS51_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	17	5	18CS52	18CS52_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18	5	18CS53	18CS53_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	19	6	18CS61	18CS61_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	20	6	18CS62	18CS62_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	31	1	18MAT11	18MAT11_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	32	6	18CS63	18CS63_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	33	7	18CS71	18CS71_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	34	7	18CS72	18CS72_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	35	7	18CS73	18CS73_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	36	8	18CS81	18CS81_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	37	8	18CS82	18CS82_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	41	3	18CS33	18CS33_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	43	8	18CS83	18CS83_notes.pdf

Server: 127.0.0.1 » Database: demo1 » Table: notes

	Edit	Copy	Delete	id	sem	scode	filename
<input type="checkbox"/>	Edit	Copy	Delete	15	4	18CS43	18CS43_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	16	5	18CS51	18CS51_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	17	5	18CS52	18CS52_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18	5	18CS53	18CS53_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	19	6	18CS61	18CS61_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	20	6	18CS62	18CS62_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	31	1	18MAT11	18MAT11_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	32	6	18CS63	18CS63_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	33	7	18CS71	18CS71_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	34	7	18CS72	18CS72_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	35	7	18CS73	18CS73_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	36	8	18CS81	18CS81_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	37	8	18CS82	18CS82_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	41	3	18CS33	18CS33_notes.pdf
<input type="checkbox"/>	Edit	Copy	Delete	43	8	18CS83	18CS83_notes.pdf

Table 4.4 Notes Table



The image shows two separate MySQL Workbench sessions. Both sessions have the following tabs at the top: Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, and a file menu icon.

Session 1 (Top):

- Server: 127.0.0.1
- Database: demo1
- Table: qp

Session 2 (Bottom):

- Server: 127.0.0.1
- Database: demo1
- Table: qp

Table Structure:

	scode	sem	filename			
<input type="checkbox"/>	Edit	Copy	Delete	18CHE22	2	18CHE22_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CPS23	2	18CPS_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS32	3	18CS32_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS33	3	18CS33_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS42	4	18CS42_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS43	4	18CS43_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS51	5	18CS51_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS52	5	18CS52_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS53	5	18CS53_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS61	6	18CS61_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS62	6	18CS62_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS63	6	18CS63_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS71	7	18CS73_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS72	7	18CS72_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS73	7	18CS73_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS81	8	18CS82_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS82	8	18CS82_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18CS83	8	18CS83_qp.pdf
<input type="checkbox"/>	Edit	Copy	Delete	18ELE13	1	18ELE13_qp.pdf

Table 4.5 Question Bank Table

Table syllabus				
	scode	semester	subjectname	filename
<input type="checkbox"/>	Edit Copy Delete	18CHE22	2 CHEMISTRY	18CHE22_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CPS23	2 C PROGRAMMING FOR PROBLEM SOLVING	18CPS23_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS32	3 DS	18CS32_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS33	3 ADE	18CS33_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS42	4 DAA	18CS42_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS43	4 OPERATING SYSTEMS	18CS43_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS51	5 MEIT	18CS51_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS52	5 CNS	18CS52_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS53	5 DBMS	18CS53_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS61	6 SYSTEM SOFTWARE AND COMPILERS	18CS61_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS62	6 COMPUTER GRAPHICS AND VISUALIZATION	18CS62_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS63	6 WEB TECHNOLOGY AND ITS APPLICATIONS	18CS63_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS71	7 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	18CS71_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS72	7 BIG DATA AND ANALYTICS	18CS72_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS73	7 SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	18CS73_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS81	8 INTERNET OF THINGS	18CS81_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS82	8 MOBILE COMPUTING	18CS82_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS83	8 NOSQL DATABASE	18CS83_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18ELE13	1 ELECTRICAL	18ELE13_syl.pdf

Table syllabus				
	scode	semester	subjectname	filename
<input type="checkbox"/>	Edit Copy Delete	18CS53	5 DBMS	18CS53_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS61	6 SYSTEM SOFTWARE AND COMPILERS	18CS61_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS62	6 COMPUTER GRAPHICS AND VISUALIZATION	18CS62_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS63	6 WEB TECHNOLOGY AND ITS APPLICATIONS	18CS63_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS71	7 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	18CS71_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS72	7 BIG DATA AND ANALYTICS	18CS72_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS73	7 SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	18CS73_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS81	8 INTERNET OF THINGS	18CS81_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS82	8 MOBILE COMPUTING	18CS82_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18CS83	8 NOSQL DATABASE	18CS83_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18ELE13	1 ELECTRICAL	18ELE13_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18MAT11	1 MATHS	18MAT11_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18MAT21	2 MATHS	18MAT21_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18MAT31	3 MATHS	18MAT31_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18MAT41	4 MATHS	18MAT41_syl.pdf
<input type="checkbox"/>	Edit Copy Delete	18PHY12	1 PHYSICS	18PHY12_syl.pdf

Table 4.6 Syllabus Table

CHAPTER 5

5.1 Introduction

IMPLEMENTATION

This project is designed and implemented using MySQL database along with PHP for back-end implementation and HTML and CSS for front-end design. IDE used is Visual Studio Code.

MySQL

The back-end of the web application is basically the brains behind the front-end. It comprises of three components: server, application and database. It is a link between the server and the user. Most of the coding for the web application can be found in the back-end and the quality of this code determines how the website functions. In this project MySQL is used as a back-end technology. MySQL is a multithreaded, multiuser SQL Database Management System. The basic program runs as a server providing multiuser access to a number of databases. MySQL is currently the world's most popular and widely used open-source database technology and data storage system. MySQL offers great reliability and ease of use. MySQL runs on virtually all platforms, including Linux, UNIX, and Windows.

Hypertext Preprocessor (PHP)

PHP (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used open-source general purpose scripting language that is primarily designed for web development and can be embedded into HTML. PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. PHP code is interpreted by a web server with a PHP processor module, which generates the resulting web page. PHP commands can be embedded directly into an HTML source document external file to process data or it can be used in combination with various web template systems, web content management systems and web frameworks. It has also evolved to include a command line interface capability and can be used in standalone graphical applications.

A good benefit of using PHP is that it can interact with many different database languages including MySQL. Both PHP and MySQL are compatible with an Apache server which is also free to license. PHP can also run on Windows, Linux and UNIX servers. Due to all these languages being free it is cheap and easy to setup and create a website using PHP. PHP also has very good online documentation with a good framework of functions in place.

Hypertext Markup Language (HTML)

HTML is the web's core language for creating documents and applications for everyone to use, anywhere. It is standardizing system for tagging text files to achieve font, color, graphic and hyperlink effects on World Wide Web pages. HTML elements form the building blocks of all websites. The markup tells the web browsers how to display web pages. Web browsers can read HTML files and render them into visible or audible web pages. Browsers do not display the HTML tags and scripts, but use them to interpret the content of the page. HTML describes the structure of websites. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of corner stone technologies of the World Wide Web.

Cascading Style Sheets (CSS)

CSS is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a simple mechanism for adding style (e.g. fonts, colors, spacing etc.) to web documents. CSS defines how HTML elements are displayed. CSS is a cornerstone technology used by most websites to create visually engaging web pages, user interfaces for web application and user interfaces for many mobile applications. CSS is designed primarily to enable the separation of document content from document presentation, including elements such as the layout, colors and fonts. This separation can improve content accessibility, provide more flexibility. This separation of formatting and content makes it possible to present the same markup page in different styles for different rendering methods.

XAMPP

XAMPP stands for Cross-Platform (X), Apache (A), MySQL (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a

local web server for testing purposes. Everything need to set up a web server – server application (Apache), database (MySQL), and scripting language (PHP) – is included in a simple extractable file. XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows.

5.2 Code

index.php

```

index.php > html
1  <!DOCTYPE html>
2  <html>
3      <head>
4          |   <link rel="stylesheet" href="frontpage.css">
5      </head>
6      <body>
7          |   <div class = "main">
8              |       <h1>LEARNING MANAGEMENT SYSTEM</h1>
9              <table>
10             |       <tr>
11                 |         <td>
12                     |             <a class="ad" href="admin.php">Admin</a>
13                 |         </td>
14             |     </tr>
15             |     <p class="extragap"></p>
16             |     <tr>
17                 |         <td>
18                     |             <a class="us" href="index2.php">User</a>
19                 |         </td>
20             |     </tr>
21             </table>
22         </div>
23     </body>
24 </html>

```

index2.php

```

index2.php > html
1  <!DOCTYPE html>
2  <html>
3      <head>
4          |   <link rel="stylesheet" href="style1.css">
5      </head>
6      <body>
7
8      <div class="center">
9          |   <h1>LEARNING MANAGEMENT SYSTEM</h1>
10         <form>
11             |     <div class="inputbox">
12                 |         <a href="signup.php">Signup</a>
13
14             |     </div>
15             |     <div class="inputbox">
16                 |         <a href="login.php">Login</a>
17             |     </div>
18         </form>
19     </div>
20
21     </body>
22 </html>

```

signup.php

```

signup.php > ..
1  <?php
2
3  @include 'dbconnect.php';
4
5  if(isset($_POST['submit'])){
6
7      $name = mysqli_real_escape_string($conn, $_POST['name']);
8      $email = mysqli_real_escape_string($conn, $_POST['email']);
9      $pass = ($_POST['password']);
10     $cpass = ($_POST['cpassword']);
11
12     $select = " SELECT * FROM user_form WHERE email = '$email' && password = '$pass' ";
13
14     $result = mysqli_query($conn, $select);
15
16     if(mysqli_num_rows($result) > 0){
17
18         $error[] = 'user already exist!';
19
20     }else{
21
22         if($pass != $cpass){
23             $error[] = 'password not matched!';
24         }
25         else{
26             $insert = "INSERT INTO user_form(name , email , password) VALUES('$name','$email','$pass')";
27             mysqli_query($conn, $insert);
28             header('location:login.php');
29         }
30     }
31
32 };
33
34 ?>
35 |
36 <!DOCTYPE html>
37 <html lang="en">
38 <head>
39
40 <meta charset="UTF-8">
41 <meta http-equiv="X-UA-Compatible" content="IE-edge">
42 <meta name="viewport" content="width=device-width, initial-scale=1.0">
43 <title>register form</title>
44 <link rel="stylesheet" href="back.css">
45
46 </head>
47
48 <div class="form-container">
49
50     <form action="" method="post">
51         <h3>Signup</h3>
52         <?php
53             if(isset($error)){
54                 foreach($error as $error){
55                     echo '<span class="error-msg">'.$error.'</span>';
56                 };
57             };
58
59             <input type="text" name="name" required placeholder="enter your name">
60             <input type="email" name="email" required placeholder="enter your email">
61             <input type="password" name="password" required placeholder="enter your password">
62             <input type="password" name="cpassword" required placeholder="confirm your password">
63             <input type="submit" name="submit" value="register now" class="form-btn">
64         </form>
65
66     </div>
67
68 </body>
69 </html>

```

login.php

```
# login.php > html > body
1  <?php
2
3  @include 'dbconnect.php';
4
5  session_start();
6
7  if(isset($_POST['submit'])){
8
9      //Name = mysqli_real_escape_string($conn, $_POST['name']);
10     $email = mysqli_real_escape_string($conn, $_POST['email']);
11     $pass = ($_POST['password']);
12     // $pass = md5($_POST['password']);
13     //$user_type = $_POST['user_type'];
14
15     $select = " SELECT * FROM user_form WHERE email = '$email' & password = '$pass' ";
16
17     $result = mysqli_query($conn, $select);
18
19     if(mysqli_num_rows($result) > 0){
20
21         $row = mysqli_fetch_array($result);
22         $_SESSION['name'] = $row['name'];
23         header('location:user_page.php');
24
25     }else{
26         $error[] = 'incorrect email or password!';
27     }
28
29 }
30
31
32 <!DOCTYPE html>
33 <html lang="en">
34 <head>
35     <meta charset="UTF-8">
36     <meta http-equiv="X-UA-Compatible" content="IE=edge">
37     <meta name="viewport" content="width=device-width, initial-scale=1.0">
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```

```
# login.php > html > body
31
32  <!DOCTYPE html>
33  <html lang="en">
34  <head>
35      <meta charset="UTF-8">
36      <meta http-equiv="X-UA-Compatible" content="IE=edge">
37      <meta name="viewport" content="width=device-width, initial-scale=1.0">
38      <title>login form</title>
39
40      <!-- custom css file link -->
41      <link rel="stylesheet" href="style.css">
42
43
44
45
46  <div class="form-container">
47
48      <form action="" method="post">
49          <h3>Login now</h3>
50          <php>
51              if(isset($error)){
52                  foreach($error as $error){
53                      echo '<span class="error-msg">'.$error.'</span>';
54                  };
55              }>
56
57          <input type="email" name="email" required placeholder="enter your email">
58          <input type="password" name="password" required placeholder="enter your password">
59          <input type="submit" name="submit" value="login now" class="form-btn">
60          <!-- <p>don't have an account? <a href="index.php">register now</a></p> -->
61
62
63
64
65
66  </div>
```

userpage.php

```
user_page.php > html > head > link
1  <?php
2
3  @include 'dbconnect.php';
4
5  session_start();
6
7  if(!isset($_SESSION['name'])){
8      header('location:login.php');
9  }
10
11 ?>
12
13 <!DOCTYPE html>
14 <html lang="en">
15 <head>
16     <meta charset="UTF-8">
17     <meta http-equiv="X-UA-Compatible" content="IE=edge">
18     <meta name="viewport" content="width=device-width, initial-scale=1.0">
19     <title>user page</title>
20
21     <!-- custom css file link -->
22     <link rel="stylesheet" href="userstyle.css">
23
24 </head>
25 <body>
26
27 <div class="container">
28
29     <div class="content">
30         <h3>HI, <span>User</span></h3>
31         <h1>welcome <span><?php echo $_SESSION['name'] ?></span></h1>
32         <!-- <p>this is an user page</p> -->
33         <a href="logout.php" class="btn">logout</a>
34         <a href="Submit.php" class="btn">next</a>
35
36     </div>
```

submit.php

```
@@ Submit.php > HTML > BODY > DIV>ROW
1  <?php
2  require_once 'dbconnect.php';
3
4  $selectQuery = "select distinct sem from subjects order by sem ASC";
5  $sqquery = mysqli_query($conn, $selectQuery);
6  |?
7  <!DOCTYPE html>
8  <html>
9   <head>
10    <link rel="stylesheet" href="style2.css">
11   </head>
12
13  <body>
14
15   <div class="h1">
16    <div style="text-align:center">
17     <h1>WELCOME!!</h1>
18     <h2>Which sem are you in ?? </h2>
19    </div>
20   </div>
21  <div class="row">
22   <?php
23    while (($result = mysqli_fetch_assoc($sqquery))) {
24    |?
25    <div class="column">
26     <div class="card"><a href="SEM 1.php?no=<?php echo $result['sem']; ?>">SEM <?php echo $result['sem']; ?></a></div>
27
28    </div>
29   <?php } ?>
30  </body>
```

sem.php

```
@@ SEM 1.php > HTML > BODY > TABLE
1  <?php
2  require_once 'dbconnect.php';
3  $no = $_GET['no'];
4  $selectQuery = "select * from subjects where sem=$no";
5  $sqquery = mysqli_query($conn, $selectQuery);
6  |?
7
8  <!DOCTYPE html>
9  <html>
10   <style>
11    table, td{
12     border: 1px solid;
13     height:30%;
14   }
15   td,th{
16     font-size: 20px;
17     font-weight: 1000;
18   }
19  </style>
20  <head><link rel="stylesheet" href="style.css"></head>
21  <body>
22   <h2> SEMESTER <?php echo $no;?></h2>
23   <table style="width: 60%;left:25%;" >
24    <tr>
25     <th>SUBJECT CODE</th>
26     <th>SUBJECT NAME</th>
27    </tr>
28    <?php
29     while (($result = mysqli_fetch_assoc($sqquery))) {
30     |?
31    <tr>
32     <td align="center"><?php echo $result['scode'];?></td>
33     <td align="center"><a href="dash.php?no=<?php echo $result['scode'];?>"><?php echo $result['sname'];?></a></td>
34    </tr>
35    <?php
36    |?
37   <?php }
```

```

SEM 1.php > html > body > table
11   table, td{
12     border: 1px solid;
13     height:30%;
14   }
15   td,th{
16     font-size: 20px;
17     font-weight: 1000;
18   }
19   </style>
20   <head><link rel="stylesheet" href="style.css"></head>
21 <body>
22   <h2> SEMESTER <?php echo $no;?></h2>
23   <table style="width: 60%;left:25%;" >
24     <tr>
25       <th>SUBJECT CODE</th>
26       <th>SUBJECT NAME</th>
27     </tr>
28     <?php
29       while (($result = mysqli_fetch_assoc($sqquery))) {
30     ?>
31     <tr>
32       <td align="center"><?php echo $result['scode'];?></td>
33       <td align="center"><a href="dash.php?no=<?php echo $result['scode'];?>"><?php echo $result['sname'];?></a></td>
34     </tr>
35     <?php
36     ?>
37   </table>
38 </body>
39 </html>

```

dash.php

```

dash.php > html > body > div.colum > div.row > div.card > a
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <link rel="stylesheet" href="style3.css">
5    </head>
6
7    <body>
8
9      <?php include 'dbconnect.php'; ?>
10
11      <?php
12        $NO = $_GET['no'];
13        $sql = "SELECT * FROM syllabus WHERE scode='$NO'";
14
15
16
17
18      // Execute insert query
19      $result = mysqli_query($conn, $sql);
20
21      while (($row = mysqli_fetch_assoc($result))) {
22        ?>
23        <div class="h1">
24          <div style="text-align:center">
25            <h1>What are you looking for ? </h1>
26
27          </div>
28        </div>
29
30        <div class="colum">
31          <div class="row">
32            <div class="card"><a href="pdf<?php echo $row['filename'] ?>"> SYLLABUS</a></div>
33            <!--<a href="Submit.html">SEM 1</a>-->
34          </div>
35        <?php
36      }

```

Learning management system

```

dash.php > html > body > div.column > div.row > div.card > a
29
30     <div class="column">
31         <div class="row">
32             <div class="card"><a href="pdf\<?php echo $row['filename'] ?>"> SYLLABUS</a></div>
33             <!--a href="Submit.html">SEM 1</a-->
34         </div>
35     </div>
36 }
37 $selectQuery = "SELECT * from notes WHERE scode='NO'";
38 $sqquery = mysqli_query($conn, $selectQuery);
39
40 while (($result = mysqli_fetch_assoc($sqquery))) {
41 ?>
42     <div class="row">
43         <div class="card"><a href="pdf\<?php echo $result['filename'] ?>"> NOTES</a></div>
44     </div>
45     </div>
46 }
47 $selectQuery = "select * from qp WHERE scode='NO'";
48 $sqquery = mysqli_query($conn, $selectQuery);
49
50         while (($result = mysqli_fetch_assoc($sqquery))) {
51 ?>
52         <div class="row">
53             <div class="card"><a href="pdf\<?php echo $result['filename'] ?>"> QUESTION BANK</div>
54         </div>
55         </div>
56     </div>
57     </body>
58 }
```

admin.php

```

admin.php > ..
1  <?php
2
3  @include 'dbconnect.php';
4
5  session_start();
6
7  if(isset($_POST['submit'])){
8
9      // $name = mysqli_real_escape_string($conn, $_POST['name']);
10     $email = mysqli_real_escape_string($conn, $_POST['email']);
11     $pass = ($_POST['password']);
12     // $cpass = md5($_POST['cpassword']);
13     // $user_type = $_POST['user_type'];
14
15     $select = " SELECT * FROM admin WHERE email = '$email' && apassword = '$pass' ";
16
17     $result = mysqli_query($conn, $select);
18
19     if(mysqli_num_rows($result) > 0){
20
21         $row = mysqli_fetch_array($result);
22         $_SESSION['aname'] = $row['aname'];
23         header('location:admindash.php');
24
25     }else{
26         $error[] = 'incorrect email or password!';
27     }
28 }
29 ?>
30
31 <!DOCTYPE html>
32 <html lang="en">
33 <head>
34     <meta charset="UTF-8">
35     <meta http-equiv="X-UA-Compatible" content="IE=edge">
36     <meta name="viewport" content="width=device-width, initial-scale=1.0">
37 
```

Learning management system

```

❶ admin.php > ...
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>login form</title>
9
10  <!-- custom css file link -->
11  <link rel="stylesheet" href="style.css">
12
13 </head>
14 <body>
15
16 <div class="form-container">
17
18   <form action="" method="post">
19     <h3>Admin login</h3>
20     <?php
21       if(isset($error)){
22         foreach($error as $error){
23           echo '<span class="error-msg">'.$error.'</span>';
24         };
25       }?
26       <input type="text" name="name" required placeholder="enter your name">
27       <input type="email" name="email" required placeholder="enter your email">
28       <input type="password" name="password" required placeholder="enter your password">
29       <input type="submit" name="submit" value="login now" class="form-btn">
30     </form>
31
32   </div>
33
34 </body>
35 </html>
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Learning management system

```

❶ adminsyll.php > ⏷ html > ⏷ body > ⏷ table
1  <!DOCTYPE html>
2  <html>
3  <style>
4      body {
5          background-image: url('white2.jpg');
6      }
7      table, th, td {
8          border:1px solid black;
9      }
10
11
12      form {
13          width: 20%;
14      }
15
16      .form-control {
17          width: 100%;
18          padding: 2%;
19          margin: 3%;
20          border: 1.2px solid #000;
21      }
22      .deletebtn {
23          background-color: red;
24          color:white;
25          font-weight:bold;
26          text-align: center;
27      }
28  </style>
29  <body>
30  <?php
31  require_once 'dbconnect.php';
32  $selectQuery = "SELECT * FROM `syllabus` ORDER BY semester";
33  $sqquery = mysqli_query($conn, $selectQuery);
34  if($_SERVER['REQUEST_METHOD']=='POST'){
35      $scode = $_POST['scode'];
36      $delq = "DELETE from syllabus where scode='$scode'";
37      $delquery = mysqli_query($conn, $delq);
38      if($delq){
39          header('location:adminsyll.php');
40      }
41  }
42  ?>
43  <h2></h2>
44  <table style="width: 60%; position :absolute; left:25%;">
45      <tr>
46          <th>SUBJECT CODE</th>
47          <th>SEMESTER</th>
48          <th>SUBJECT NAME</th>
49          <th>file name</th>
50          <th>action</th>
51      </tr>
52
53
54      <?php
55      while (($result = mysqli_fetch_assoc($sqquery))) {
56          ?>
57      <tr>
58          <td align="center"><?php echo $result['scode'];?></td>
59          <td align="center"><?php echo $result['semester'];?></td>
60          <td align="center"><?php echo $result['subjectname'];?></td>
61          <td align="center"><?php echo $result['filename'];?></td>
62          <td align="center" style = "width: 15%;><form action="adminsyll.php" method="post">
63              <input type="text" name="scode" hidden="hidden" value="?php echo $result['scode'];?>">
64              <input type="submit" class="deletebtn" onclick="
65                  alert('Delete successfully');" value="DELETE">
66          </form>
67      </td>
68
69      </tr>
70  <?php
71  ?>
```

Learning management system

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  adminyll.php > html > body > table
  68      </tr>
  69      <?php
  70      }
  71      ?>
  72  </table>
  73
  74
  75  <strong>Upload PDF</strong>
  76  <form method="post" action="uploadsyll.php" enctype="multipart/form-data">
  77
  78      <div class="form-input py-2">
  79          <div class="form-group">
  80              <input type="text" class="form-control"
  81                  placeholder="Enter Syllabus Code" name="scode">
  82          </div>
  83          <div class="form-group">
  84              <input type="text" class="form-control"
  85                  placeholder="Enter Semester" name="sem">
  86          </div>
  87          <div class="form-group">
  88              <input type="text" class="form-control"
  89                  placeholder="Enter Subject name" name="sname">
  90          </div>
  91
  92          <div class="form-group">
  93              <input type="file" name="pdf_file"
  94                  class="form-control" accept=".pdf" required>
  95          </div>
  96          <div class="form-group">
  97              <input type="submit"
  98                  class="btnRegister" name="submit" value="Submit">
  99          </div>
 100     </div>
 101 </form>
 102 </body>
 103 </html>
  adminnotes.php > html > body
  1
  2  <!DOCTYPE html>
  3  <html>
  4      <style>
  5          body {
  6              background-image: url('white2.jpg');
  7          }
  8          table, th, td {
  9              border:1px solid black;
 10          }
 11          form {
 12              width: 20%;
 13          }
 14      }
 15      .form-control {
 16          width: 100%;
 17          padding: 2%;
 18          margin: 3%;
 19          border: 1.2px solid #000;
 20      }
 21      .deletebtn {
 22          background-color: red;
 23          color:white;
 24          font-weight:bold;
 25      }
 26  </style>
 27 <body>
 28 <?php
 29 require_once 'dbconnect.php';
 30 $selectQuery = "SELECT * FROM `notes` ORDER BY sem";
 31 $sqquery = mysqli_query($conn, $selectQuery);
 32 if($_SERVER['REQUEST_METHOD']=='POST'){
 33     $scode = $_POST['scode'];
 34     $delq = "DELETE from notes where scode='$scode'";
 35     $delquery = mysqli_query($conn, $delq);
 36

```

Learning management system

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  adminnotes.php > html > body
  ...
  37     if($delq){
  38         header('location:adminnotes.php');
  39     }
  40 }
  41 ?>
  42 <h2></h2>
  43 <!-- <head><link rel="stylesheet" href="style.css"></head> -->
  44 <table style="width: 60%; position :absolute; left:25%;" >
  45     <tr>
  46         <th>SEMESTER</th>
  47         <th>SUBJECT CODE</th>
  48         <th>File name</th>
  49         <th>Action</th>
  50     </tr>
  51
  52     <?php
  53         while (($result = mysqli_fetch_assoc($squery))) {
  54             ?>
  55             <tr>
  56                 <td align="center"><?php echo $result['sem'];?></td>
  57                 <td align="center"><?php echo $result['scode'];?></td>
  58                 <td align="center"><?php echo $result['filename'];?></td>
  59                 <td align="center"><form action="adminnotes.php" method="post">
  60                     <input type="text" name="scode" hidden="hidden" value=<?php echo $result['scode'];?>>
  61                     <input type="submit" class="deletebtn" onclick="
  62                         alert('Deleted Successfully');" value="DELETE">
  63                 </form>
  64             </td>
  65         </tr>
  66     <?php
  67         ?
  68     ?>
  69     </table>
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```

Learning management system

```

  adminqp.php > html > body > table
  30     $squry = "DELETE FROM qp WHERE subject_code=$scode";
  31     $delquery = mysqli_query($conn, $delq);
  32     if($delq){
  33         header('location:adminqp.php');
  34     }
  35   ?>
  36   ch2></h2>
  37   <table style="width: 60%; position :absolute; left:25%;">
  38     <tr>
  39       <th>SUBJECT CODE</th>
  40       <!-- <th>SUBJECT NAME</th> -->
  41       <th>SEMESTER</th>
  42       <th>File name</th>
  43       <th>Action</th>
  44     </tr>
  45     <?php
  46     while (($result = mysqli_fetch_assoc($squry))) {
  47       ?>
  48       <tr>
  49         <td align="center"><?php echo $result['scode'];?></td>
  50         <td align="center"><?php echo $result['sem'];?></td>
  51         <td align="center"><?php echo $result['filename'];?></td>
  52         <td align="center"><form action="adminqp.php" method="post">
  53           <input type="text" name="scode" hidden="hidden" value=<?php echo $result['scode'];?>>
  54           <input type="submit" class="deletebtn" onclick=
  55             alert('Deleted Successfully');" value="DELETE">
  56         </form>
  57       </td>
  58     </tr>
  59     <?php
  60   }
  61   ?>
  62   </table>
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```

```

  adminqp.php > html > body > table
  01
  02     </tr>
  03     <?php
  04     }
  05     ?>
  06   </table>
  07
  08   <strong>Upload PDF</strong>
  09   <form method="post" action="uploadqp.php" enctype="multipart/form-data">
  10
  11     <div class="form-input py-2">
  12       <div class="form-group">
  13         <input type="text" class="form-control"
  14           placeholder="Enter Subject Code" name="scode">
  15       </div>
  16       <div class="form-group">
  17         <input type="text" class="form-control"
  18           placeholder="Enter Semester" name="sem">
  19       </div>
  20
  21       <div class="form-group">
  22         <input type="file" name="pdf_file"
  23           class="form-control" accept=".pdf" required/>
  24       </div>
  25       <div class="form-group">
  26         <input type="submit"
  27           class="btnRegister" name="submit" value="Submit">
  28       </div>
  29     </div>
  30   </form>
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```

dbconnect.php

```
dbconnect.php > ...
1  <?php
2
3      $servername = "localhost";
4      $username = "root";
5      $password = "";
6
7      $database = "demo1";
8
9      // Create a connection
10     $conn = mysqli_connect($servername,
11                           |   $username, $password, $database);
12
13 ?>
14
```

logout.php

```
logout.php
1  <?php
2
3  @include 'dbconnect.php';
4
5  session_start();
6  session_unset();
7  session_destroy();
8
9  header('location:index.php');
10
11 ?>
```

frontpage.css

```
# frontpage.css > h1
1  body {
2    margin: 0;
3    padding: 0;
4    box-sizing: border-box;
5    display: flex;
6    justify-content: center;
7    align-items: center;
8    height: 80vh;
9    background-image: url("books.jpg");
10   background-size: cover;
11   background-repeat: no-repeat;
12   font-family: "Times New Roman", Times, serif;
13 }
14 h1{
15   color : white;
16   font-size: 50px;
17   font-weight: 1100;
18   position: absolute;
19   left:18%;
20   top:10%;
21   height: 20vh;
22 }
23 }
24
25 .ad{
26   position: absolute;
27   top: 20%;
28   left: 6%;
29 }
30
31 .us{
32   position: absolute;
33   top: 20%;
34   left: 17%;
35 }
```

Learning management system

```
# frontpage.css > h1
22 {
23 }
24
25 .ad{
26   position: absolute;
27   top: 20%;
28   left: 6%;
29 }
30
31 .us{
32   position: absolute;
33   top: 20%;
34   left: 17%;
35 }
36
37
38 a{
39   font-size: 40px;
40   margin-left: 30%;
41   margin-top: 5%;
42   padding: 5px 5px;
43   background: □whitesmoke ;
44   color: □black;
45   text-decoration: none;
46   border-radius: 10%;
47   border: 3px solid □black;
48 }
```

back.css

```
back.css > ...
body {
  margin: 0;
  padding-top: 50px;
  box-sizing: border-box;
  display:flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  background: linear-gradient(45deg, □greenyellow, □dodgerblue);
  background-size: cover;
  background-repeat: no-repeat;
  font-family: "Times New Roman", Times, serif;
}

.main
{
  margin-bottom: 10px;
}

*{
  font-family: cursive;
  box-sizing: padding-box;
}

form {
  width: 1000px;
  border: 3px solid □rgb(6, 6, 6);
  padding: 20px;
  background: □rgb(129, 114, 114);
```

```

# back.css > ...
20  background: #rgb(129, 114, 114);
21  border-radius: 20px;
22  }
23
24  h2 {
25    text-align: center;
26    margin-bottom: 40px;
27  }
28
29  input {
30    display: block;
31    border: 2px solid #ccc;
32    width: 95%;
33    padding: 10px;
34
35    margin: 10px auto;
36    border-radius: 5px;
37  }
38
39  label {
40    color: #888;
41    font-size: 18px;
42    padding: 10px;
43
44  }
45
46  
```

```

# back.css > ...
81  label {
82    color: #888;
83    font-size: 18px;
84    padding: 10px;
85  }
86
87  button {
88    float: right;
89
90    background: #rgb(19, 23, 24);
91    padding: 10px 15px;
92
93    color: #fff;
94    border-radius: 5px;
95
96    margin-right: 10px;
97
98    border: none;
99  }
100
101  button:hover{
102    opacity: .10;
103  }
104
105  .error {
106    background: #F20EDE;
107  }
108
109  
```

Learning management system

```
# back.css > :< a
115 .error {
116     background: □#F2DEDE;
117     color: ■#0c0101;
118     padding: 10px;
119     width: 95%;
120     border-radius: 5px;
121     margin: 20px auto;
122 }
123 h1 {
124     text-align: center;
125     color: ■rgb(134, 3, 3);
126 }
127 a {
128     background: ■rgb(88, 105, 105);
129     padding: 10px 15px;
130     color: □#fff;
131     border-radius: 10px;
132     margin-right: 10px;
133     margin-bottom: 10px;
134     border: none;
135     text-decoration: none;
136 }
137 a:hover{
138     opacity: .7;
139 }
140 a[[
141     /*position: relative;*/
142     /*width: 50%;*/
143     /*height: 50px;*/
144     /*margin-bottom: 50px;*/
145     background:■black;
146     font-size: 20px;
147     border-radius: 10px;
148 ]]
```

Result Snapshot

Chapter 6

Result Snapshots

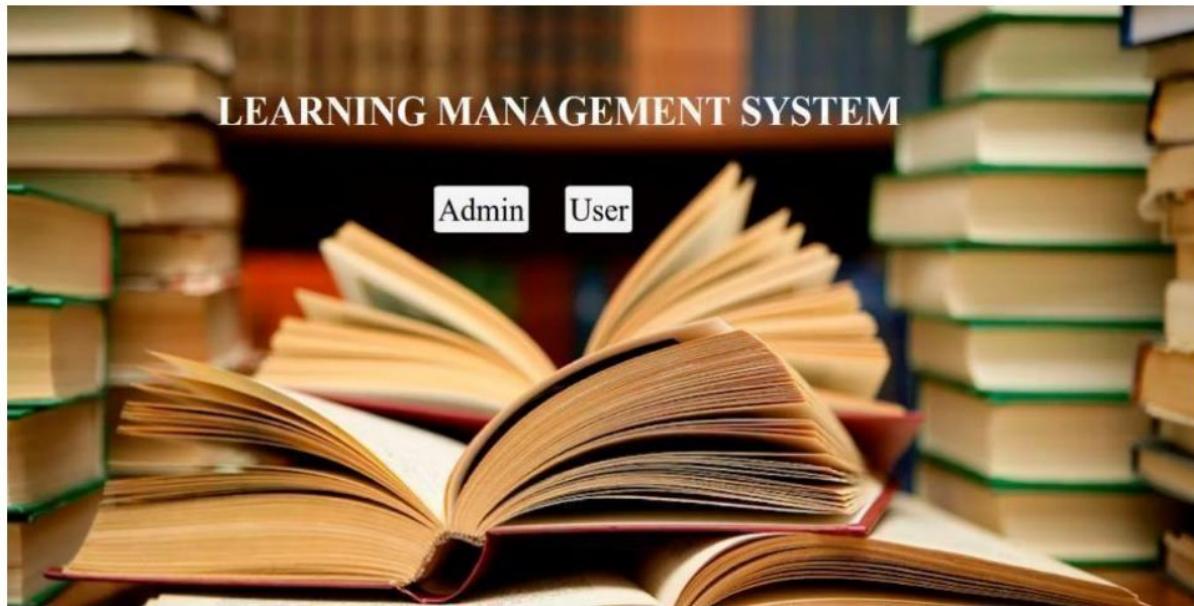


Fig 6.1 WelcomePage

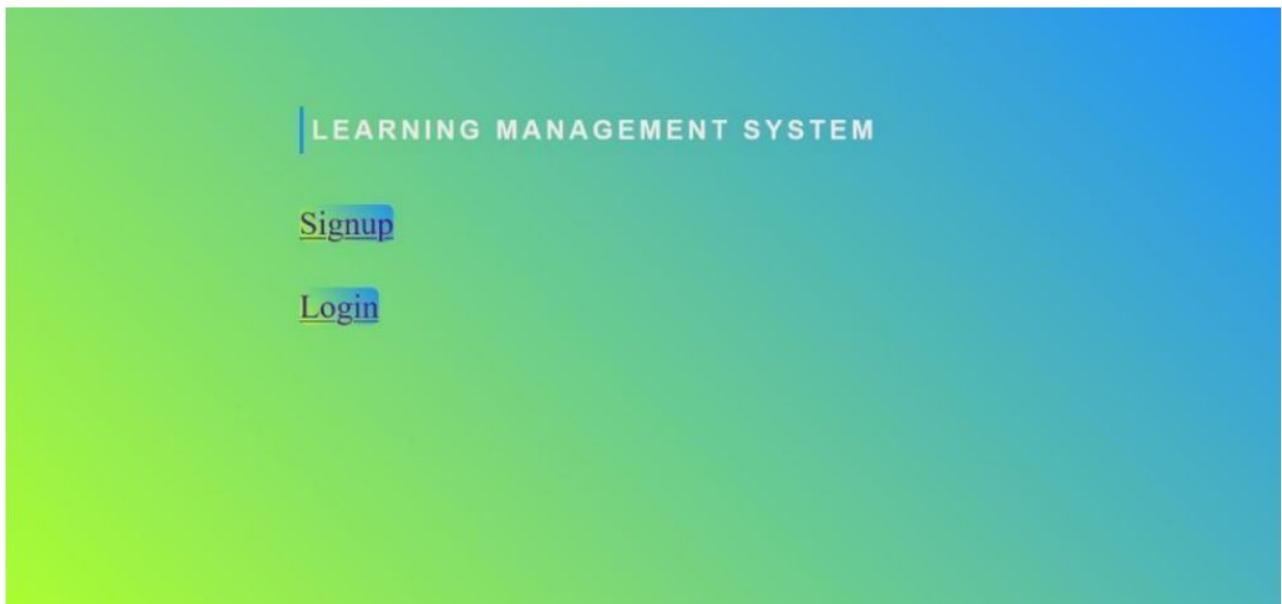


Fig 6.2 User Page



Fig 6.3 Signup page

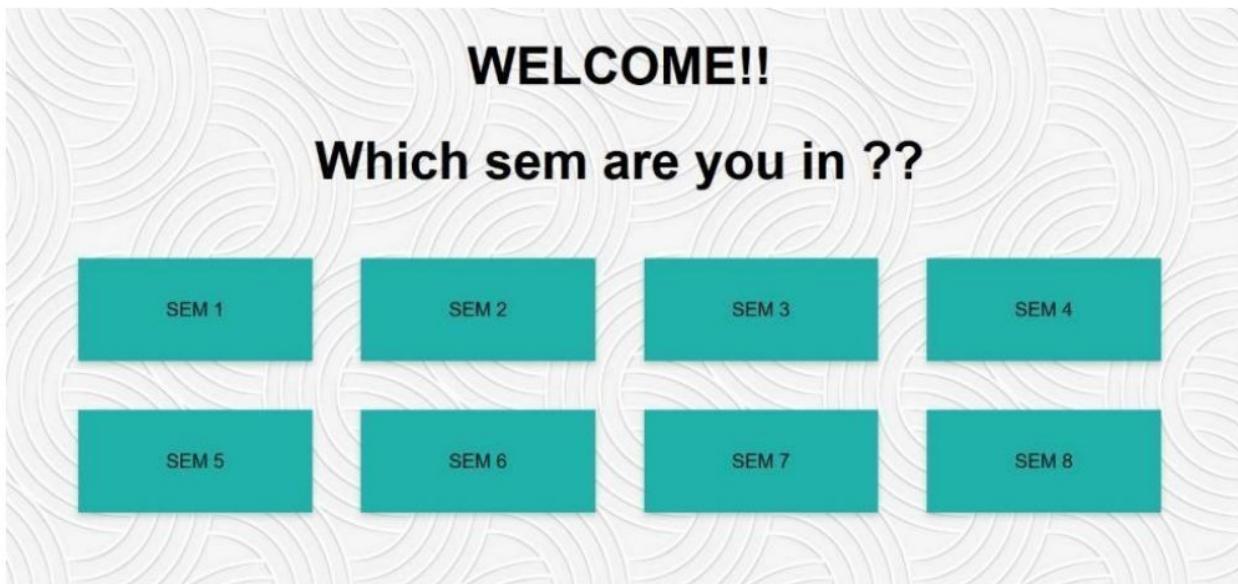


Fig 6.4 Sem Page

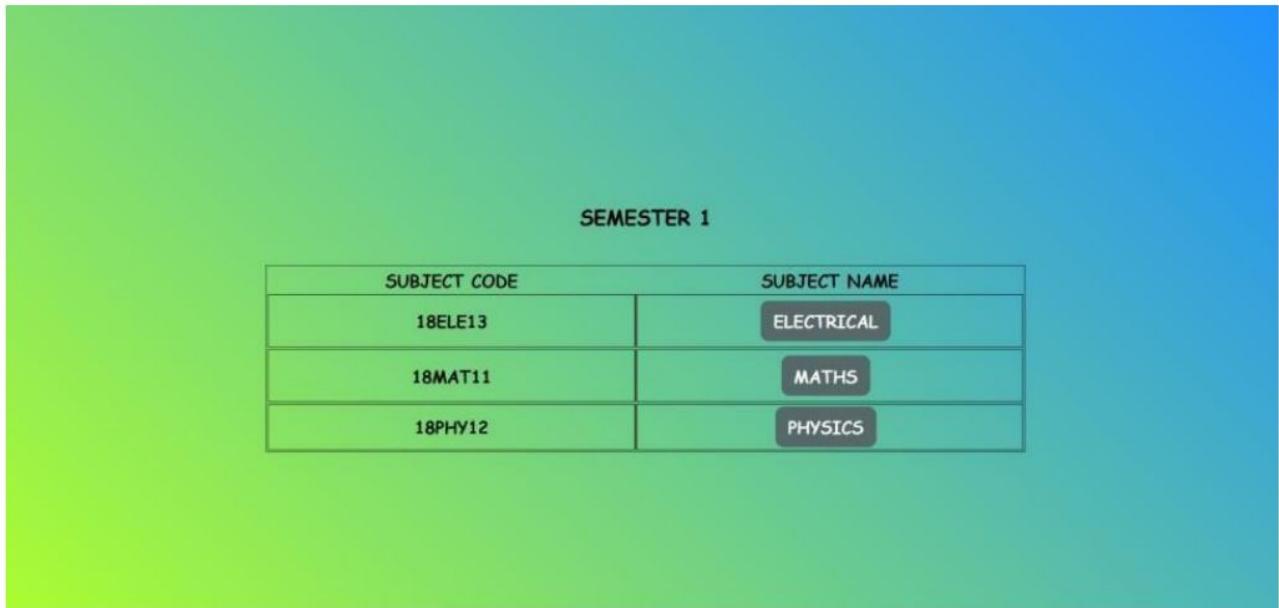


Fig 6.5 Subject Page

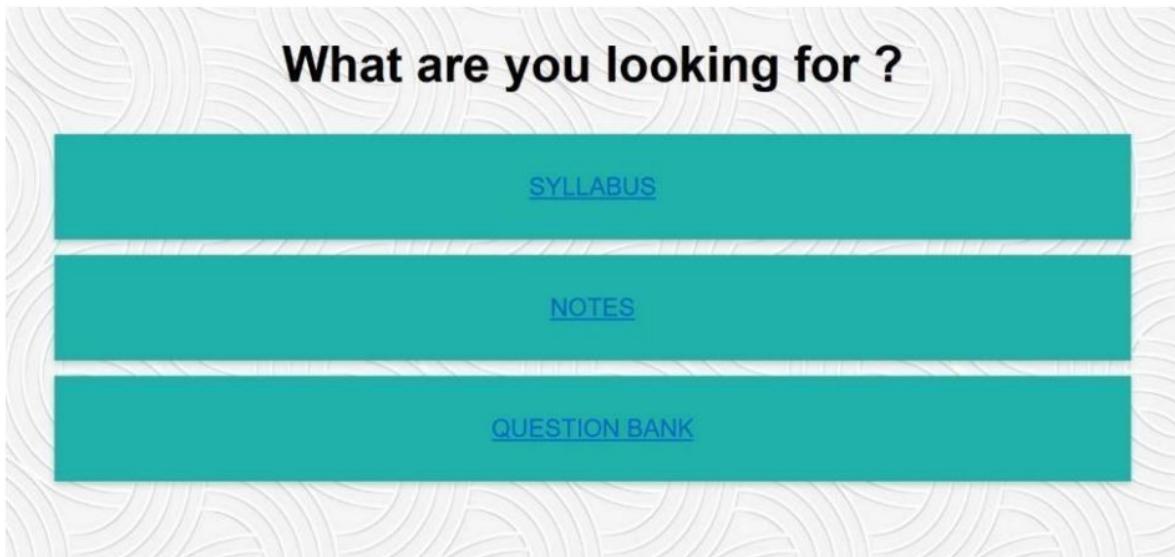
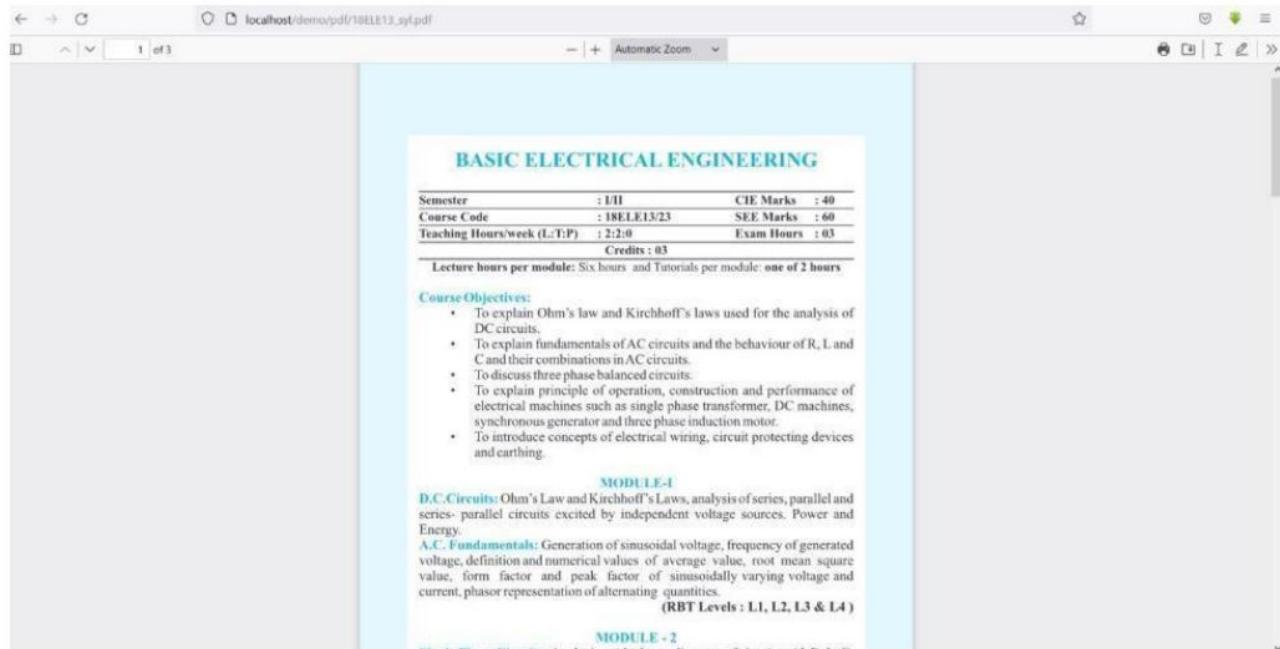


Fig 6.6 Content choice Page



BASIC ELECTRICAL ENGINEERING

Semester	: I/II	CIE Marks	: 40
Course Code	: 18ELE13/23	SEE Marks	: 60
Teaching Hours/week (L:T:P)	: 2:2:0	Exam Hours	: 03
Credits : 03			

Lecture hours per module: Six hours and Tutorials per module: one of 2 hours

Course Objectives:

- To explain Ohm's law and Kirchhoff's laws used for the analysis of DC circuits.
- To explain fundamentals of AC circuits and the behaviour of R, L and C and their combinations in AC circuits.
- To discuss three phase balanced circuits.
- To explain principle of operation, construction and performance of electrical machines such as single phase transformer, DC machines, synchronous generator and three phase induction motor.
- To introduce concepts of electrical wiring, circuit protecting devices and earthing.

MODULE-I
D.C.Circuits: Ohm's Law and Kirchhoff's Laws, analysis of series, parallel and series- parallel circuits excited by independent voltage sources. Power and Energy.
A.C. Fundamentals: Generation of sinusoidal voltage, frequency of generated voltage, definition and numerical values of average value, root mean square value, form factor and peak factor of sinusoidally varying voltage and current, phasor representation of alternating quantities.
(RBT Levels : L1, L2, L3 & L4)

MODULE -2

Fig 6.7 Content-View Page

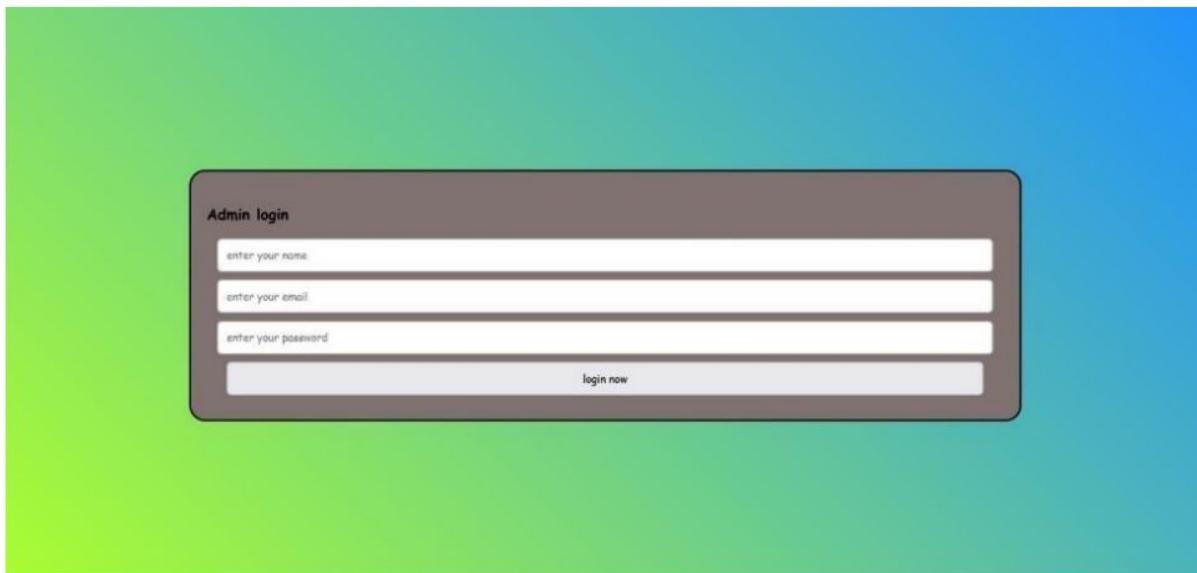


Fig 6.8 Admin-login Page

Learning management system

Upload PDF				
Enter Syllabus Code				
Enter Semester				
Enter Subject name				
Browse... No file selected.				
<input type="button" value="Submit"/>				
18ELE13	1	ELECTRICAL	18ELE13_syl.pdf	<input type="button" value="DELETE"/>
18MAT11	1	MATHS	18MAT11_syl.pdf	<input type="button" value="DELETE"/>
18PHY12	1	PHYSICS	18PHY12_syl.pdf	<input type="button" value="DELETE"/>
18CHE22	2	CHEMISTRY	18CHE22_syl.pdf	<input type="button" value="DELETE"/>
18CPS23	2	C PROGRAMMING FOR PROBLEM SOLVING	18CPS23_syl.pdf	<input type="button" value="DELETE"/>
18MAT21	2	MATHS	18MAT21_syl.pdf	<input type="button" value="DELETE"/>
18CS32	3	DS	18CS32_syl.pdf	<input type="button" value="DELETE"/>
18CS33	3	ADE	18CS33_syl.pdf	<input type="button" value="DELETE"/>
18MAT31	3	MATHS	18MAT31_syl.pdf	<input type="button" value="DELETE"/>
18CS42	4	DAA	18CS42_syl.pdf	<input type="button" value="DELETE"/>
18CS43	4	OPERATING SYSTEMS	18CS43_syl.pdf	<input type="button" value="DELETE"/>
18MAT41	4	MATHS	18MAT41_syl.pdf	<input type="button" value="DELETE"/>
18CS51	5	MEIT	18CS51_syl.pdf	<input type="button" value="DELETE"/>
18CS52	5	CNS	18CS52_syl.pdf	<input type="button" value="DELETE"/>
18CS53	5	DBMS	18CS53_syl.pdf	<input type="button" value="DELETE"/>
18CS61	6	SYSTEM SOFTWARE AND COMPILERS	18CS61_syl.pdf	<input type="button" value="DELETE"/>
18CS62	6	COMPUTER GRAPHICS AND VISUALIZATION	18CS62_syl.pdf	<input type="button" value="DELETE"/>
18CS63	6	WEB TECHNOLOGY AND ITS APPLICATIONS	18CS63_syl.pdf	<input type="button" value="DELETE"/>
18CS71	7	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	18CS71_syl.pdf	<input type="button" value="DELETE"/>
18CS72	7	BIG DATA AND ANALYTICS	18CS72_syl.pdf	<input type="button" value="DELETE"/>
18CS73	7	SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	18CS73_syl.pdf	<input type="button" value="DELETE"/>
18CS81	8	INTERNET OF THINGS	18CS81_syl.pdf	<input type="button" value="DELETE"/>
18CS82	8	MOBILE COMPUTING	18CS82_syl.pdf	<input type="button" value="DELETE"/>
18CS83	8	NOSQL DATABASE	18CS83_syl.pdf	<input type="button" value="DELETE"/>

Fig 6.9 Action Page

CHAPTER 7

CONCLUSION AND FUTURE SCOPE

CONCLUSION

This project is developed to nurture the needs of a user or a student to maintain notes and also upload them by admin. This is a computerized version of college library system which will benefit the students as well as the staff of an institution.

In this entire process one can search notes and study materials .The software takes care data and carefully stores all the student information.

FUTURE ENHANCEMENT

There is a future scope of this project which is to help students and college staffs to get out the best subject literature across the world. Features like analyzing and uploading content which is an admin only privilege, will help maintain legit and accurate notes for a particular subject, according to the user's needs.

REFERENCES

- [1] Fundamentals of Database Systems, Ramez Elmasri and Shamkant B. Navathe, 7th Edition, 2017, Pearson.
- [2] https://www.w3schools.com/php/php_mysql_intro.asp
- [3] <https://www.w3schools.com/php/>
- [4] <https://www.w3schools.com/html/>
- [5] <https://www.w3schools.com/css/>