EXAM MANAGEMENT SYSTEM

A PROJECT REPORT

Submitted by

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Under the Guidance of

Dr. Aruna M

in partial fulfilment for the course

21CSE354T - Full Stack Web Development

Department of Computing Technologies.

FACULTY OF ENGINEERING AND TECHNOLOGY

SCHOOL OF COMPUTING

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

KATTANKULATHUR

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ABSTRACT

The **SRM Exam Management System** is a comprehensive web-based platform designed to streamline and manage examination processes for educational institutions. The system facilitates secure and efficient handling of various exam-related tasks, catering to both students and faculty members.

For students, the system provides a dedicated portal where they can log in to view exam schedules, download hall tickets, check results, and access their profiles. Faculty members can log in through their own portal to manage exam-related data, including student grades and status for different subjects.

The system includes various features such as role-based login, tab-based navigation for accessing different modules, and the capability to download essential documents like hall tickets in PDF format. By integrating features like responsive design, clear user interface, and essential academic functionalities, the SRM Exam Management System aims to enhance the overall examination experience for all stakeholders, ensuring accuracy, transparency, and ease of use.

HTML tags

1. **<!DOCTYPE html>:** Declares the document type and version of HTML being used.
2. **<html>:**The root element that wraps the entire HTML document.
3. **<head>**: Contains meta-information about the document, including the title, character set, and links to external resources like CSS and JavaScript files.
4. **<meta>**: Defines metadata about the HTML document, such as character set and viewport settings.
5. **<title>**: Sets the title of the document, which is displayed in the browser's title bar or tab.
6. **<link>**: Links external resources like stylesheets to the document.
7. **<script>**: Includes or links external JavaScript files for client-side scripting.
8. **<body>**: The main content area of the HTML document, containing all the visible elements.
9. ** **: A generic container element used to group and style content.
10. **<img>**: Embeds an image in the document.
11. **<h1>, <h2>**: Heading tags for different levels.

12. **<button>**: Represents a clickable button, which can be used to submit forms or trigger JavaScript functions.
13. **<form>**: Wraps form elements that allow user input and submission to the server.
14. **<input>**: Defines an input field where users can enter data, such as text, passwords, etc.
15. **<p>**: Defines a paragraph of text.
16. **<ul>**: Creates an unordered (bulleted) list.
17. **<li>**: Represents a list item inside a <ul> or <ol> list.
18. **<table>**: Represents tabular data, organized into rows and columns.
19. **<tr>**: Defines a row in a table.
20. **<th>**: Defines a header cell in a table, typically used for column headings.
21. **<td>**: Represents a data cell in a table.
22. ****: A generic inline container used to group and style text or elements without disrupting the document flow.

CSS Styles and Elements

1. Body Styles:

- **Font Family:** Uses 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif for a clean and modern appearance.
- **Background Colour:** Dark gray (#212121) for a sleek and contemporary look.
- **Text Colour:** White (#ffffff) for high contrast and readability.

2. Container:

- **Width:** Set to 80% of the viewport width with auto margins to center it.
- **Padding:** 20px to provide spacing inside the container.
- **Overflow:** Hidden to manage content that might extend beyond the container's boundaries.

3. Header:

- **Layout:** Uses flexbox to center-align items and arrange them in a column.

4. Logo:

- **Dimensions:** Width set to 100px with auto height to maintain aspect ratio.

5. Heading (h1):

- **Colour:** Light blue (#00bfff) for emphasis and visibility.
- **Text Alignment:** Centered to align with the header and page content.

6. Tabs:

- **Tab Links:**
    - **Background Colour:** Dark gray (#1e1e1e).
    - **Text Colour:** White (#ffffff).

7. Tab Content:

- **Background Colour:** Dark gray (#1e1e1e).

8. Table:

- **Border Collapse:** Ensures borders between cells are merged.
- **Border:** 1px solid dark gray (#444444).

11. Login Box:

- **Background:** Dark gray (#1e1e1e) with rounded corners and shadow for depth.

13. Textbox (Input Fields):

- **Width:** 95% for full-width inputs.
- **Background:** Darker gray (#2a2a2a).

14. Button (btn):

- **Background Colour:** Light blue (#00bfff) with a hover effect changing to a darker blue (#1e90ff).
- **Text Colour:** Black (#000000).

15. Login Toggle Buttons:

- **Background Colour:** Dark gray (#1e1e1e) with hover effect changing to a lighter gray (#575757).

16. Logout Button:

- **Position:** Static at the bottom of the page.
- **Background Colour:** Orange (#ff4500) with a hover effect changing to a lighter orange (#ff6347).

17. Error Message:

- **Colour:** Red (#ff0000) for visibility.

18. List (ul):

- **List Style:** Disc for bullets.

19. Download Button:

- **Background Colour:** Light blue (#00bfff) with hover effect changing to a darker blue (#1e90ff).
- **Text Colour:** White (#ffffff).

20. Faculty Page Specific Styles:

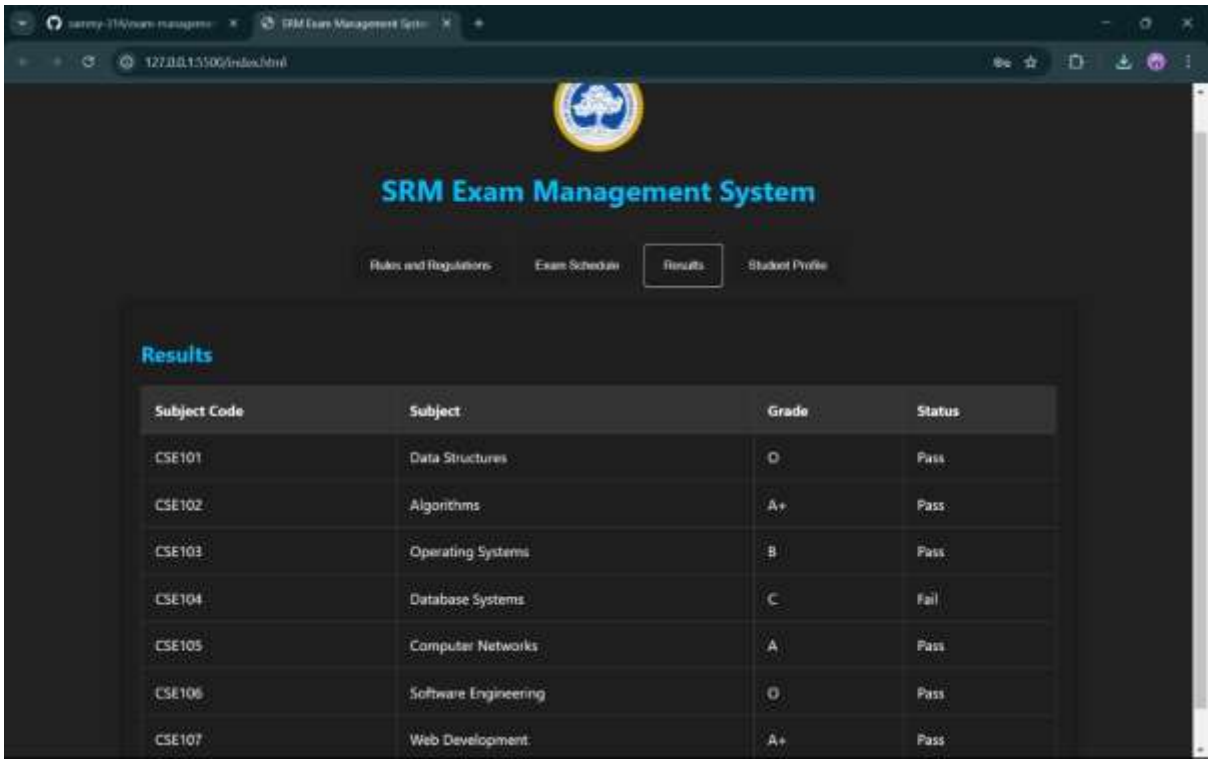
- **Tab Content:** Styled similarly to general tab content with a dark gray background and shadow.
- **Tab Links:** Same styling as general tabs.

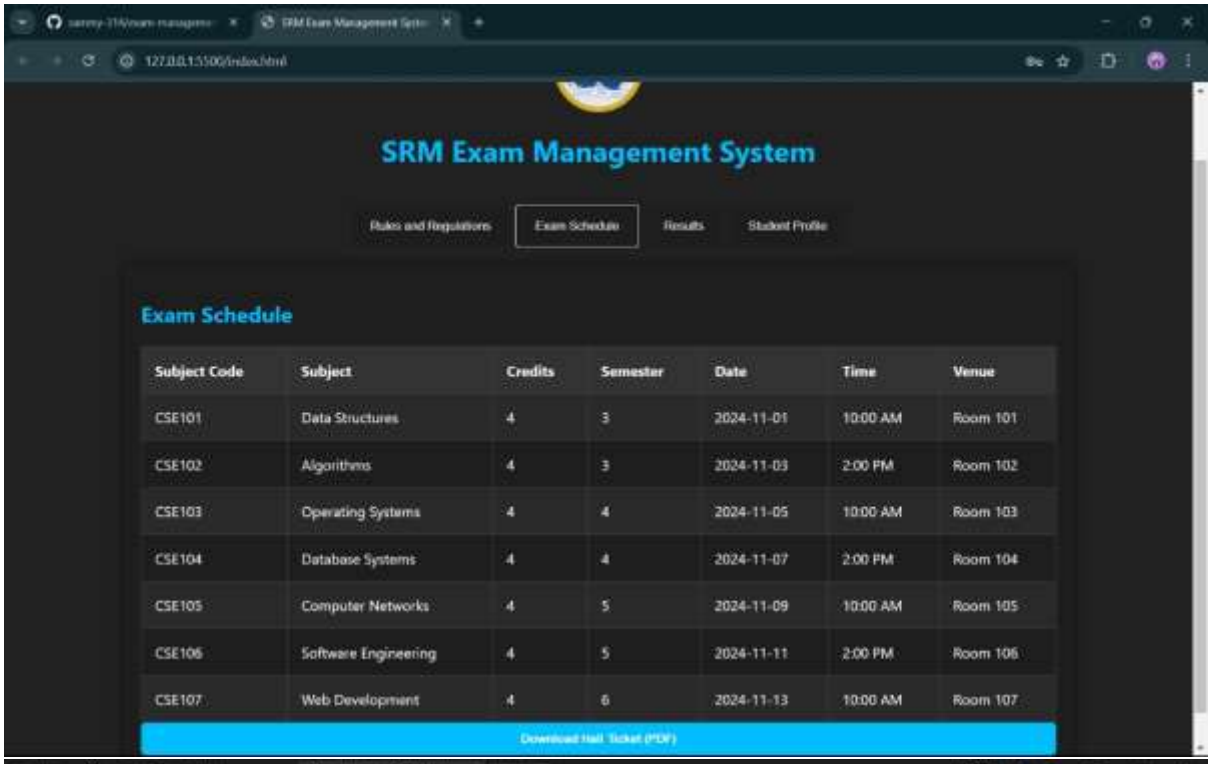
SCREENSHOTS OF WEBSITE

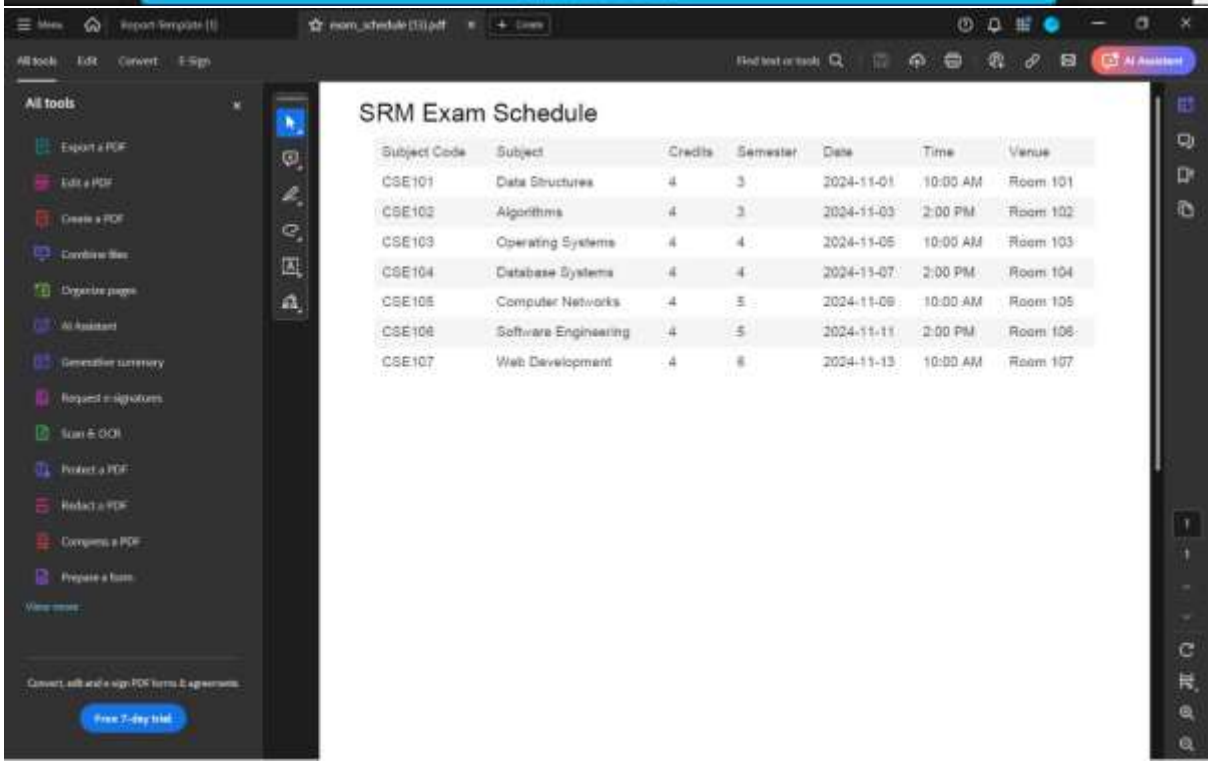
Home page:

STUDENT LOGIN:

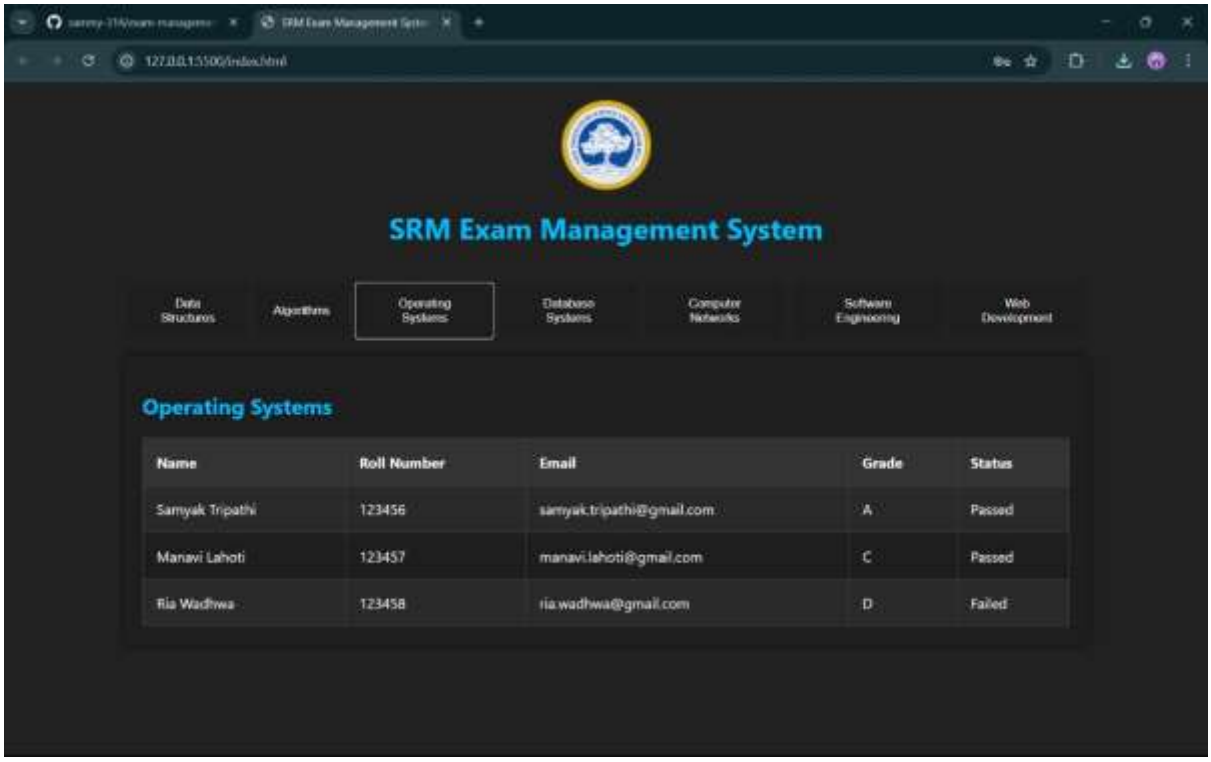
SRM Exam Management System
Rules and Regulations
Exam Schedule
Results
Student Profile
Rules and Regulations
Students must carry their Hall Ticket for each exam.
Mobile phones and electronic devices are not allowed inside the examination hall.
Students should reach the examination venue 30 minutes before the scheduled time.
Any form of malpractice will lead to disqualification from the exam.
Students must carry their college ID card along with the Hall Ticket.

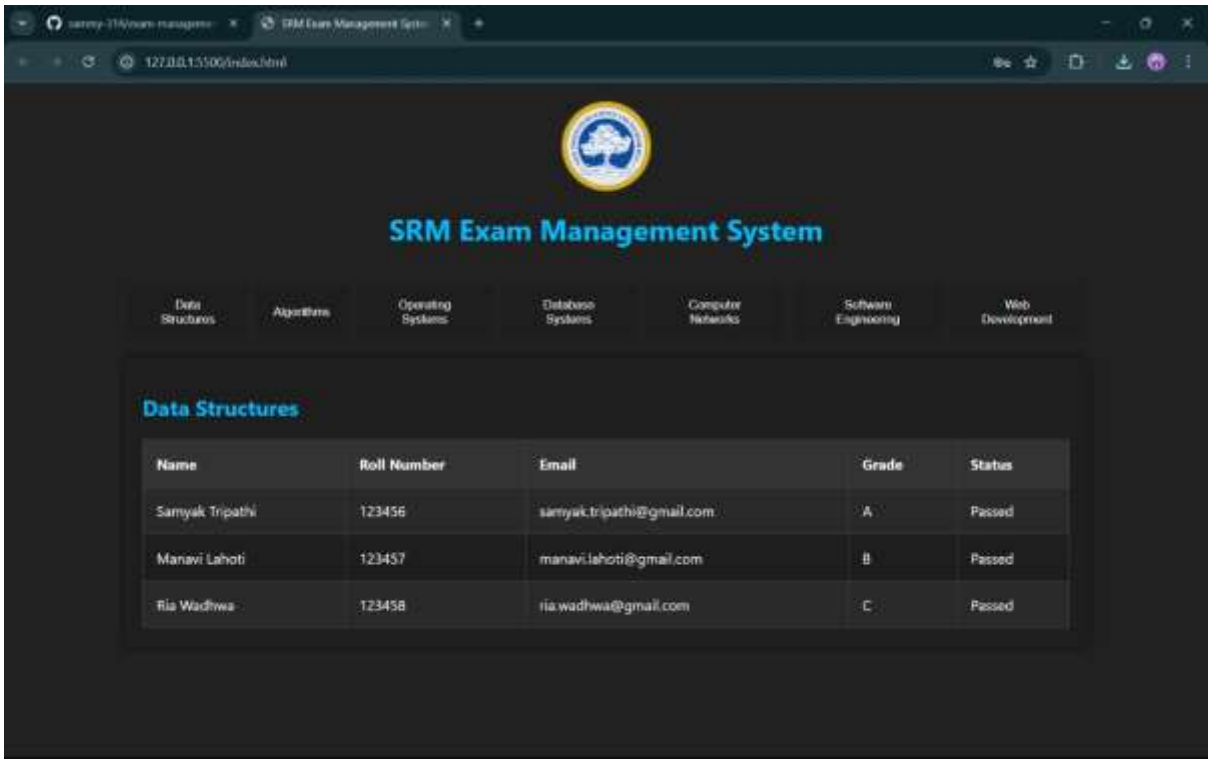

SRM Exam Management System
Rules and Regulations
Exam Schedule
Results
Student Profile
Results
Subject Code
Subject
Grade
Status
CSE101
Data Structures
O
Pass
CSE102
Algorithms
A+
Pass
CSE103
Operating Systems
B
Pass
CSE104
Database Systems
C
Fail
CSE105
Computer Networks
A
Pass
CSE106
Software Engineering
O
Pass
CSE107
Web Development
A+
Pass


SRM Exam Management System
Rules and Regulations
Exam Schedule
Results
Student Profile
Exam Schedule
Subject Code Subject Credits Semester Date Time Venue
CSE101 Data Structures 4 3 2024-11-01 10:00 AM Room 101
CSE102 Algorithms 4 3 2024-11-03 2:00 PM Room 102
CSE103 Operating Systems 4 4 2024-11-05 10:00 AM Room 103
CSE104 Database Systems 4 4 2024-11-07 2:00 PM Room 104
CSE105 Computer Networks 4 5 2024-11-09 10:00 AM Room 105
CSE106 Software Engineering 4 5 2024-11-11 2:00 PM Room 106
CSE107 Web Development 4 6 2024-11-13 10:00 AM Room 107
Download Hall Ticket (PDF)


All tools
SRM Exam Schedule
Subject Code Subject Credits Semester Date Time Venue
CSE101 Data Structures 4 3 2024-11-01 10:00 AM Room 101
CSE102 Algorithms 4 3 2024-11-03 2:00 PM Room 102
CSE103 Operating Systems 4 4 2024-11-05 10:00 AM Room 103
CSE104 Database Systems 4 4 2024-11-07 2:00 PM Room 104
CSE105 Computer Networks 4 5 2024-11-09 10:00 AM Room 105
CSE106 Software Engineering 4 5 2024-11-11 2:00 PM Room 106
CSE107 Web Development 4 6 2024-11-13 10:00 AM Room 107

FACULTY LOGIN:


SRM Exam Management System
Data Structures
Algorithms
Operating Systems
Database Systems
Computer Networks
Software Engineering
Web Development
Operating Systems
Name
Roll Number
Email
Grade
Status
Samyak Tripathi
123456
samyak.tripathi@gmail.com
A
Passed
Manavi Lahoti
123457
manavi.lahoti@gmail.com
C
Passed
Ria Wadhwa
123458
ria.wadhwa@gmail.com
D
Failed


SRM Exam Management System
Data Structures
Algorithms
Operating Systems
Database Systems
Computer Networks
Software Engineering
Web Development
Data Structures
Name
Roll Number
Email
Grade
Status
Samyak Tripathi
123456
samyak.tripathi@gmail.com
A
Passed
Manavi Lahoti
123457
manavi.lahoti@gmail.com
B
Passed
Ria Wadhwa
123458
ria.wadhwa@gmail.com
C
Passed

SOURCE CODE

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>SRM Exam Management System</title>
    <link rel="stylesheet" href="styles.css">
    <script src="https://cdnjs.cloudflare.com/ajax/libs/jspdf/2.5.1/jspdf.umd.min.js"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/jspdf-autotable/3.5.19/jspdf.plugin.autotable.min.js"></script>
    <script src="script.js" defer></script>
</head>
<body>

    <!-- Login Page -->
    <div id="loginPage" class="container">
        <div class="header">
            <img src="srmlogo.png" alt="SRM Logo" class="logo">
            <h1>SRM Exam Management System</h1>
        </div>

        <!-- Buttons to switch between login types -->
        <div class="login-toggle">
            <button id="studentLoginBtn" class="btn toggle-btn">Student Login</button>
            <button id="facultyLoginBtn" class="btn toggle-btn">Faculty Login</button>
        </div>

        <!-- Student Login Form -->
        <div id="studentLogin" class="login-box">
            <h2>Student Login</h2>
```

```
        <form id="loginForm">
            <div class="textbox">
                <input type="text" placeholder="Username" id="username" required>
            </div>
            <div class="textbox">
                <input type="password" placeholder="Password" id="password" required>
            </div>
            <button type="submit" class="btn">Login</button>
        </form>
        <p id="errorMessage" class="error-message"></p>
    </div>

    <!-- Faculty Login Form -->
    <div id="facultyLogin" class="login-box" style="display: none;">
        <h2>Faculty Login</h2>
        <form id="facultyLoginForm">
            <div class="textbox">
                <input type="text" placeholder="Username" id="facultyUsername" required>
            </div>
            <div class="textbox">
                <input type="password" placeholder="Password" id="facultyPassword" required>
            </div>
            <button type="submit" class="btn">Login</button>
        </form>
        <p id="facultyErrorMessage" class="error-message"></p>
    </div>
</div>

<!-- Student Main Page -->
<div id="studentMainPage" class="container" style="display: none;">
    <div class="header">
        <img src="srmlogo.png" alt="SRM Logo" class="logo">
        <h1>SRM Exam Management System</h1>
    </div>
```

```
<div class="tabs">
    <button class="tablinks" onclick="openTab(event, 'Rules')">Rules and Regulations</button>
    <button class="tablinks" onclick="openTab(event, 'ExamSchedule')">Exam Schedule</button>
    <button class="tablinks" onclick="openTab(event, 'Results')">Results</button>
    <button class="tablinks" onclick="openTab(event, 'StudentProfile')">Student Profile</button>
</div>

<!-- Rules and Regulations Tab -->
<div id="Rules" class="tabcontent">
    <h2>Rules and Regulations</h2>
    <ul>
        <li>Students must carry their Hall Ticket for each exam.</li>
        <li>Mobile phones and electronic devices are not allowed inside the examination hall.</li>
        <li>Students should reach the examination venue 30 minutes before the scheduled time.</li>
        <li>Any form of malpractice will lead to disqualification from the exam.</li>
        <li>Students must carry their college ID card along with the Hall Ticket.</li>
    </ul>
</div>

<!-- Exam Schedule Tab -->
<div id="ExamSchedule" class="tabcontent">
    <h2>Exam Schedule</h2>
    <table>
        <tr>
            <th>Subject Code</th>
            <th>Subject</th>
            <th>Credits</th>
            <th>Semester</th>
            <th>Date</th>
            <th>Time</th>
            <th>Venue</th>
```

```
</tr>
<tr>
    <td>CSE101</td>
    <td>Data Structures</td>
    <td>4</td>
    <td>3</td>
    <td>2024-11-01</td>
    <td>10:00 AM</td>
    <td>Room 101</td>
</tr>
<tr>
    <td>CSE102</td>
    <td>Algorithms</td>
    <td>4</td>
    <td>3</td>
    <td>2024-11-03</td>
    <td>2:00 PM</td>
    <td>Room 102</td>
</tr>
<tr>
    <td>CSE103</td>
    <td>Operating Systems</td>
    <td>4</td>
    <td>4</td>
    <td>2024-11-05</td>
    <td>10:00 AM</td>
    <td>Room 103</td>
</tr>
<tr>
    <td>CSE104</td>
    <td>Database Systems</td>
    <td>4</td>
    <td>4</td>
    <td>2024-11-07</td>
```

```
                <td>2:00 PM</td>
                <td>Room 104</td>
            </tr>
            <tr>
                <td>CSE105</td>
                <td>Computer Networks</td>
                <td>4</td>
                <td>5</td>
                <td>2024-11-09</td>
                <td>10:00 AM</td>
                <td>Room 105</td>
            </tr>
            <tr>
                <td>CSE106</td>
                <td>Software Engineering</td>
                <td>4</td>
                <td>5</td>
                <td>2024-11-11</td>
                <td>2:00 PM</td>
                <td>Room 106</td>
            </tr>
            <tr>
                <td>CSE107</td>
                <td>Web Development</td>
                <td>4</td>
                <td>6</td>
                <td>2024-11-13</td>
                <td>10:00 AM</td>
                <td>Room 107</td>
            </tr>
        </table>
        <button class="btn download-btn" onclick="downloadPDF()">Download Hall Ticket (PDF)</button>
    </div>
```

```
        <!-- Results Tab -->
        <div id="Results" class="tabcontent">
            <h2>Results</h2>
            <table>
                <tr>
                    <th>Subject Code</th>
                    <th>Subject</th>
                    <th>Grade</th>
                    <th>Status</th>
                </tr>
            </table>
        </div>

        <!-- Student Profile Tab -->
        <div id="StudentProfile" class="tabcontent">
            <h2>Student Profile</h2>
            <p id="studentName"></p>
            <p><strong>Roll Number:</strong> <span id="rollNumber"></span></p>
            <p><strong>Course:</strong> B.Tech Computer Science Engineering</p>
            <p><strong>Email:</strong> <span id="studentEmail"></span></p>
            <button class="btn logout-btn" onclick="logout()">Logout</button>
        </div>
    </div>

    <!-- Faculty Main Page -->
    <div id="facultyMainPage" class="container" style="display: none;">
        <div class="header">
            <img src="srmlogo.png" alt="SRM Logo" class="logo">
            <h1>SRM Exam Management System</h1>
        </div>
        <div class="tabs">
            <button class="tablinks" onclick="openTab(event, 'DataStructures')">Data
Structures</button>
```

```
        <button class="tablinks" onclick="openTab(event, 'Algorithms')">Algorithms</button>
        <button class="tablinks" onclick="openTab(event, 'OperatingSystems')">Operating Systems</button>
        <button class="tablinks" onclick="openTab(event, 'DatabaseSystems')">Database Systems</button>
        <button class="tablinks" onclick="openTab(event, 'ComputerNetworks')">Computer Networks</button>
        <button class="tablinks" onclick="openTab(event, 'SoftwareEngineering')">Software Engineering</button>
        <button class="tablinks" onclick="openTab(event, 'WebDevelopment')">Web Development</button>
    </div>

    <!-- Data Structures Tab -->
    <div id="DataStructures" class="tabcontent">
        <h2>Data Structures</h2>
        <table>
            <tr>
                <th>Name</th>
                <th>Roll Number</th>
                <th>Email</th>
                <th>Grade</th>
                <th>Status</th>
            </tr>
            <tr>
                <td>Samyak Tripathi</td>
                <td>123456</td>
                <td>samyak.tripathi@gmail.com</td>
                <td>A</td>
                <td>Passed</td>
            </tr>
            <tr>
                <td>Manavi Lahoti</td>
                <td>123457</td>
                <td>manavi.lahoti@gmail.com</td>
```

```
            <td>B</td>
            <td>Passed</td>
        </tr>
        <tr>
            <td>Ria Wadhwa</td>
            <td>123458</td>
            <td>ria.wadhwa@gmail.com</td>
            <td>C</td>
            <td>Passed</td>
        </tr>
    </table>
</div>

<!-- Algorithms Tab -->
<div id="Algorithms" class="tabcontent">
    <h2>Algorithms</h2>
    <table>
        <tr>
            <th>Name</th>
            <th>Roll Number</th>
            <th>Email</th>
            <th>Grade</th>
            <th>Status</th>
        </tr>
        <tr>
            <td>Samyak Tripathi</td>
            <td>123456</td>
            <td>samyak.tripathi@gmail.com</td>
            <td>B</td>
            <td>Passed</td>
        </tr>
        <tr>
            <td>Manavi Lahoti</td>
            <td>123457</td>
```

```
            <td>manavi.lahoti@gmail.com</td>
            <td>A</td>
            <td>Passed</td>
        </tr>
        <tr>
            <td>Ria Wadhwa</td>
            <td>123458</td>
            <td>ria.wadhwa@gmail.com</td>
            <td>B</td>
            <td>Passed</td>
        </tr>
    </table>
</div>

<!-- Operating Systems Tab -->
<div id="OperatingSystems" class="tabcontent">
    <h2>Operating Systems</h2>
    <table>
        <tr>
            <th>Name</th>
            <th>Roll Number</th>
            <th>Email</th>
            <th>Grade</th>
            <th>Status</th>
        </tr>
        <tr>
            <td>Samyak Tripathi</td>
            <td>123456</td>
            <td>samyak.tripathi@gmail.com</td>
            <td>A</td>
            <td>Passed</td>
        </tr>
        <tr>
            <td>Manavi Lahoti</td>
```

```
            <td>123457</td>
            <td>manavi.lahoti@gmail.com</td>
            <td>C</td>
            <td>Passed</td>
        </tr>
        <tr>
            <td>Ria Wadhwa</td>
            <td>123458</td>
            <td>ria.wadhwa@gmail.com</td>
            <td>D</td>
            <td>Failed</td>
        </tr>
    </table>
</div>

<!-- Database Systems Tab -->
<div id="DatabaseSystems" class="tabcontent">
    <h2>Database Systems</h2>
    <table>
        <tr>
            <th>Name</th>
            <th>Roll Number</th>
            <th>Email</th>
            <th>Grade</th>
            <th>Status</th>
        </tr>
        <tr>
            <td>Samyak Tripathi</td>
            <td>123456</td>
            <td>samyak.tripathi@gmail.com</td>
            <td>A</td>
            <td>Passed</td>
        </tr>
        <tr>
```

```
            <td>Manavi Lahoti</td>
            <td>123457</td>
            <td>manavi.lahoti@gmail.com</td>
            <td>B</td>
            <td>Passed</td>
        </tr>
        <tr>
            <td>Ria Wadhwa</td>
            <td>123458</td>
            <td>ria.wadhwa@gmail.com</td>
            <td>B</td>
            <td>Passed</td>
        </tr>
    </table>
</div>

<!-- Computer Networks Tab -->
<div id="ComputerNetworks" class="tabcontent">
    <h2>Computer Networks</h2>
    <table>
        <tr>
            <th>Name</th>
            <th>Roll Number</th>
            <th>Email</th>
            <th>Grade</th>
            <th>Status</th>
        </tr>
        <tr>
            <td>Samyak Tripathi</td>
            <td>123456</td>
            <td>samyak.tripathi@gmail.com</td>
            <td>B</td>
            <td>Passed</td>
        </tr>
```

```
        <tr>
            <td>Manavi Lahoti</td>
            <td>123457</td>
            <td>manavi.lahoti@gmail.com</td>
            <td>B</td>
            <td>Passed</td>
        </tr>
        <tr>
            <td>Ria Wadhwa</td>
            <td>123458</td>
            <td>ria.wadhwa@gmail.com</td>
            <td>A</td>
            <td>Passed</td>
        </tr>
    </table>
</div>

<!-- Software Engineering Tab -->
<div id="SoftwareEngineering" class="tabcontent">
    <h2>Software Engineering</h2>
    <table>
        <tr>
            <th>Name</th>
            <th>Roll Number</th>
            <th>Email</th>
            <th>Grade</th>
            <th>Status</th>
        </tr>
        <tr>
            <td>Samyak Tripathi</td>
            <td>123456</td>
            <td>samyak.tripathi@gmail.com</td>
            <td>B</td>
            <td>Passed</td>
```

```
        </tr>
        <tr>
            <td>Manavi Lahoti</td>
            <td>123457</td>
            <td>manavi.lahoti@gmail.com</td>
            <td>C</td>
            <td>Passed</td>
        </tr>
        <tr>
            <td>Ria Wadhwa</td>
            <td>123458</td>
            <td>ria.wadhwa@gmail.com</td>
            <td>D</td>
            <td>Failed</td>
        </tr>
    </table>
</div>

<!-- Web Development Tab -->
<div id="WebDevelopment" class="tabcontent">
    <h2>Web Development</h2>
    <table>
        <tr>
            <th>Name</th>
            <th>Roll Number</th>
            <th>Email</th>
            <th>Grade</th>
            <th>Status</th>
        </tr>
        <tr>
            <td>Samyak Tripathi</td>
            <td>123456</td>
            <td>samyak.tripathi@gmail.com</td>
            <td>A</td>
```

```
                <td>Passed</td>
            </tr>
            <tr>
                <td>Manavi Lahoti</td>
                <td>123457</td>
                <td>manavi.lahoti@gmail.com</td>
                <td>A</td>
                <td>Passed</td>
            </tr>
            <tr>
                <td>Ria Wadhwa</td>
                <td>123458</td>
                <td>ria.wadhwa@gmail.com</td>
                <td>B</td>
                <td>Passed</td>
            </tr>
        </table>
    </div>
  </div>
</body>
</html>
```

CSS:

```
body {
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  background-color: #212121;
  color: #ffffff;
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

.container {
  width: 80%;
```

```
    margin: 0 auto;
    padding: 20px;
    overflow: hidden;
}

.header {
    display: flex;
    flex-direction: column;
    align-items: center;
    margin-bottom: 20px;
    position: relative;
}

.logo {
    width: 100px;
    height: auto;
}

h1 {
    color: #00bfff; /* Light blue for the title */
    text-align: center;
}

.tabs {
    display: flex;
    justify-content: center;
    margin-bottom: 20px;
}

.tablinks {
    background-color: #1e1e1e;
    color: #ffffff;
    padding: 14px 20px;
    margin: 0 5px;
```

```
    border: none;
    cursor: pointer;
    transition: background-color 0.3s ease;
}

.tablinks:hover {
    background-color: #575757;
}

.tabcontent {
    display: none;
    padding: 20px;
    border-top: none;
    background-color: #1e1e1e;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.5);
}

.tabcontent h2 {
    color: #00bfff; /* Light blue for headings */
}

table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
}

table, th, td {
    border: 1px solid #444444;
}

th, td {
    padding: 15px;
```

```
    text-align: left;
    color: #ffffff;
}

th {
    background-color: #333333;
}

tr:nth-child(even) {
    background-color: #2a2a2a;
}

.login-box {
    width: 300px;
    margin: 0 auto;
    padding: 20px;
    background: #1e1e1e;
    border-radius: 10px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.5);
}

.login-box h2 {
    text-align: center;
    margin-bottom: 20px;
    color: #00bfff;
}

.textbox {
    margin-bottom: 20px;
}

.textbox input {
    width: 95%;
    padding: 10px;
```

```
    background: #2a2a2a;
    border: none;
    color: #ffffff;
    border-radius: 5px;
}

.btn {
    width: 100%;
    padding: 10px;
    background: #00bfff;
    border: none;
    cursor: pointer;
    border-radius: 5px;
    color: #000000;
    font-weight: bold;
    transition: background-color 0.3s ease;
}

.btn:hover {
    background-color: #1e90ff;
}

.login-toggle {
    text-align: center;
    margin-bottom: 20px;
}

.toggle-btn {
    background-color: #1e1e1e;
    color: #ffffff;
    padding: 10px 20px;
    margin: 0 10px;
    border: none;
    cursor: pointer;
```

```
    border-radius: 5px;
    font-weight: bold;
    transition: background-color 0.3s ease;
}

.toggle-btn:hover {
    background-color: #575757;
}

.logout-btn {
    position: static;
    bottom: 10px;
    align-items: center;
    padding: 10px 10px;
    font-size: 10px;
    background-color: #ff4500;
    color: #ffffff;
    border: none;
    cursor: pointer;
    border-radius: 5px;
}

.logout-btn:hover {
    background-color: #ff6347;
}

.error-message {
    color: #ff0000;
    text-align: center;
    margin-top: 10px;
}

ul {
    list-style-type: disc;
```

```
    margin: 20px 0;
    padding: 0 20px;
}

ul li {
    margin-bottom: 10px;
}

.download-btn {
    background-color: #00bfff;
    color: #ffffff;
}

.download-btn:hover {
    background-color: #1e90ff;
}

/* Faculty Page Specific Styles */
.faculty-page .tabcontent {
    display: none;
    padding: 20px;
    border-top: none;
    background-color: #1e1e1e;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.5);
}

.faculty-page .tablinks {
    background-color: #1e1e1e;
    color: #ffffff;
    padding: 14px 20px;
    margin: 0 5px;
    border: none;
    cursor: pointer;
```

```
    transition: background-color 0.3s ease;
}

.faculty-page .tablinks:hover {
    background-color: #575757;
}

/* Specific styles for subject tabs in faculty view */
#DataStructures, #Algorithms, #OperatingSystems, #DatabaseSystems, #ComputerNetworks, #SoftwareEngineering, #WebDevelopment {
    display: block; /* Ensure all sections are displayed */
}
```

JAVASCRIPT:

```
// User data for login
const users = {
    samyak: {
        password: '1234',
        profile: {
            name: 'Samyak Tripathi',
            rollNumber: 'RA2211003011095',
            email: 'samyak.tripathi@gmail.com',
            results: [
                { code: 'CSE101', subject: 'Data Structures', grade: 'O', status: 'Pass' },
                { code: 'CSE102', subject: 'Algorithms', grade: 'A+', status: 'Pass' },
                { code: 'CSE103', subject: 'Operating Systems', grade: 'B', status: 'Pass' },
                { code: 'CSE104', subject: 'Database Systems', grade: 'C', status: 'Fail' },
                { code: 'CSE105', subject: 'Computer Networks', grade: 'A', status: 'Pass' },
                { code: 'CSE106', subject: 'Software Engineering', grade: 'O', status: 'Pass' },
                { code: 'CSE107', subject: 'Web Development', grade: 'A+', status: 'Pass' }
            ]
        }
    },
```

```
manavi: {
    password: '1234',
    profile: {
        name: 'Manavi Lahoti',
        rollNumber: 'RA2211003011081',
        email: 'manavi.lahoti@gmail.com',
        results: [
            { code: 'CSE101', subject: 'Data Structures', grade: 'B', status: 'Pass' },
            { code: 'CSE102', subject: 'Algorithms', grade: 'A', status: 'Pass' },
            { code: 'CSE103', subject: 'Operating Systems', grade: 'C', status: 'Fail' },
            { code: 'CSE104', subject: 'Database Systems', grade: 'A+', status: 'Pass' },
            { code: 'CSE105', subject: 'Computer Networks', grade: 'O', status: 'Pass' },
            { code: 'CSE106', subject: 'Software Engineering', grade: 'B', status: 'Pass' },
            { code: 'CSE107', subject: 'Web Development', grade: 'F', status: 'Fail' }
        ]
    }
},
ria: {
    password: '1234',
    profile: {
        name: 'Ria Wadhwa',
        rollNumber: 'RA2211003011163',
        email: 'ria.wadhwa@gmail.com',
        results: [
            { code: 'CSE101', subject: 'Data Structures', grade: 'A', status: 'Pass' },
            { code: 'CSE102', subject: 'Algorithms', grade: 'F', status: 'Fail' },
            { code: 'CSE103', subject: 'Operating Systems', grade: 'A+', status: 'Pass' },
            { code: 'CSE104', subject: 'Database Systems', grade: 'O', status: 'Pass' },
            { code: 'CSE105', subject: 'Computer Networks', grade: 'C', status: 'Fail' },
            { code: 'CSE106', subject: 'Software Engineering', grade: 'B', status: 'Pass' },
            { code: 'CSE107', subject: 'Web Development', grade: 'A', status: 'Pass' }
        ]
    }
}
```

```
};

// Faculty login data
const faculty = {
    username: 'faculty',
    password: 'admin'
};

// Handle student login
document.getElementById('loginForm').addEventListener('submit', function(event) {
    event.preventDefault();
    const username = document.getElementById('username').value.toLowerCase();
    const password = document.getElementById('password').value;

    if (users[username] && users[username].password === password) {
        const profile = users[username].profile;
        document.getElementById('loginPage').style.display = 'none';
        document.getElementById('studentMainPage').style.display = 'block';
        document.getElementById('studentName').innerText = `Name: ${profile.name}`;
        document.getElementById('rollNumber').innerText = profile.rollNumber;
        document.getElementById('studentEmail').innerText = profile.email;

        const resultsTable = document.querySelector('#Results table');
        resultsTable.innerHTML = `
            <tr>
                <th>Subject Code</th>
                <th>Subject</th>
                <th>Grade</th>
                <th>Status</th>
            </tr>
        `;
        profile.results.forEach(result => {
            resultsTable.innerHTML += `
                <tr>
```

```
                <td>${result.code}</td>
                <td>${result.subject}</td>
                <td>${result.grade}</td>
                <td>${result.status}</td>
            </tr>
        `;
    });
  } else {
    document.getElementById('errorMessage').innerText = 'Invalid username or password';
  }
});

document.getElementById('studentLoginBtn').addEventListener('click', function() {
  document.getElementById('studentLogin').style.display = 'block';
  document.getElementById('facultyLogin').style.display = 'none';
  document.getElementById('errorMessage').innerText = '';
  document.getElementById('facultyErrorMessage').innerText = '';
});

document.getElementById('facultyLoginBtn').addEventListener('click', function() {
  document.getElementById('studentLogin').style.display = 'none';
  document.getElementById('facultyLogin').style.display = 'block';
  document.getElementById('errorMessage').innerText = '';
  document.getElementById('facultyErrorMessage').innerText = '';
});

// Handle faculty login
document.getElementById('facultyLoginForm').addEventListener('submit', function(event) {
  event.preventDefault();
  const username = document.getElementById('facultyUsername').value.toLowerCase();
  const password = document.getElementById('facultyPassword').value;

  if (username === faculty.username && password === faculty.password) {
    document.getElementById('loginPage').style.display = 'none';
```

```
        document.getElementById('facultyMainPage').style.display = 'block';
        openTab(null, 'DataStructures');
        populateSubjectTables();
    } else {
        document.getElementById('facultyErrorMessage').innerText = 'Invalid faculty username or password';
    }
});

// Populate tables for all subjects
function populateSubjectTables() {
    const subjects = [
        'Data Structures',
        'Algorithms',
        'Operating Systems',
        'Database Systems',
        'Computer Networks',
        'Software Engineering',
        'Web Development'
    ];

    subjects.forEach(subject => {
        const table = document.querySelector(`#${subject} table`);
        table.innerHTML = `
            <tr>
                <th>Name</th>
                <th>Roll Number</th>
                <th>Email</th>
                <th>Grade</th>
                <th>Status</th>
            </tr>
        `;
        Object.values(users).forEach(user => {
            user.profile.results.forEach(result => {
```

```
            if (result.subject.replace(/ /g, '') === subject.replace(/([A-Z])/g, ' $1').trim()) {
                table.innerHTML += `
                    <tr>
                        <td>${user.profile.name}</td>
                        <td>${user.profile.rollNumber}</td>
                        <td>${user.profile.email}</td>
                        <td>${result.grade}</td>
                        <td>${result.status}</td>
                    </tr>
                `;
            }
        });
    });
}

// Logout function
function logout() {
    document.getElementById('studentMainPage').style.display = 'none';
    document.getElementById('facultyMainPage').style.display = 'none';
    document.getElementById('loginPage').style.display = 'block';
}

// Open tab function
function openTab(evt, tabName) {
    const tabcontents = document.getElementsByClassName('tabcontent');
    for (let i = 0; i < tabcontents.length; i++) {
        tabcontents[i].style.display = 'none';
    }
    const tablinks = document.getElementsByClassName('tablinks');
    for (let i = 0; i < tablinks.length; i++) {
        tablinks[i].className = tablinks[i].className.replace(' active', '');
    }
    document.getElementById(tabName).style.display = 'block';
```

```
    if (evt) {
        evt.currentTarget.className += ' active';
    }
}

// Generate and download PDF
function downloadPDF() {
    const { jsPDF } = window.jspdf;
    const doc = new jsPDF();

    // Title
    doc.setFontSize(18);
    doc.text('SRM Exam Schedule', 10, 10);

    // AutoTable for table data
    doc.autoTable({ html: '#ExamSchedule table' });

    // Save the PDF
    doc.save('exam_schedule.pdf');
}
```