

GROUP 2 Web Application Documentati on

Welcome to the documentation for the GROUP 2 Tech Academy Web Application. This web site serves as a central hub for managing various aspects of the academia; including and not limited to payment, course registrations, student profiles, and result tracking. With an intuitive user interface and seamless navigation, users can efficiently access and manage their tasks within the academy.

FEATURES

- **Home:**

The home page serves as the landing page for the dashboard. Users can access essential features and navigate to different sections of the dashboard from here.

- **Dashboard Menu:**

The dashboard menu provides quick access to different sections of the dashboard.

Users can easily navigate to payment, course registrations, student profiles, and result tracking sections.

- **Payment:**

Users can make payments for course registrations through this feature.

Different payment options and levels are available to accommodate various user needs.

- **Course Registrations:**

Users can register for courses offered by the academy through this feature.

Course selection and registration process are streamlined for user convenience.

- **Student Profile:**

Users can view and manage their profile information through this feature.

Profile details such as name, department, level, and CGPA are accessible and editable.

- **Result:**

Users can track their academic performance and view results for different levels.

Grades for individual courses are displayed, allowing users to monitor their progress effectively.

- **Course in progress:**

Users can keep track of their registered courses and see their progress through out the semester.

IMPLEMENTATION GUIDE

- **HTML Structure:**

The dashboard is built using HTML5 to create the structure and layout.

Various sections such as header, sidebar, and main content are defined for organization.

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-  
scale=1.0">
```

```
<title>Courses In Progress</title>
```

```
<link rel="stylesheet" href="dashboard.css">
```

```
<link rel="stylesheet"  
href="https://cdnjs.cloudflare.com/ajax/libs/font-  
awesome/5.15.4/css/all.min.css"> <!-- Font Awesome icons -->
```

```
</head>
```

```
<body>
```

```
<header class="header">
```

```
<div class="container">
```

```
<h1>Welcome to GROUP 2 Tech Academy  
Dashboard</h1>
```

```
<a href="dashboard.html" class="home-btn"><i class="fas  
fa-home"></i>Home</a>
```

```
<a href="login.html" class="logout-btn"><i></i> Logout</a>
```

```
</div>
```

```
</header>
```

```
<div class="dashboard">
```

```
<div class="sidebar">
```

```
  <h2>Progress Menu</h2>
```

```
  <ul>
```

```
    <li><a href="courses_in_progress.html"><i class="fas fa-graduation-cap"></i> Courses in Progress</a></li>
```

```
    <li><a href="student-profile.html"><i class="fas fa-user"></i> Student Profile</a></li>
```

```
    <li><a href="result-page.html"><i class="fas fa-poll"></i> Result</a></li>
```

```
  </ul>
```

```
</div>
```

```
<div class="main">
```

```
  <div class="box">
```

```
    <h2>CSS 411</h2>
```

```
    <p>Digital Forensics II</p><br>
```

```
    <p>3 Units</p>
```

```
  </div>
```

```
  <div class="box">
```

```
    <h2>CSS 412</h2>
```

```
    <p>Machine Learning</p>
```

<p>3 Units</p>

</div>

<div class="box">

<h2>GST 425</h2>

<p>Introduction to Project Writing</p>

<p>3 Unit</p>

</div>

<div class="box">

<h2>CSS 423</h2>

<p>Artificial Intelligence</p>

<p>3 Units</p>

</div>

</div>

</div>

<script src="main.js"></script>

</body>

</html>

- **CSS Styling:**

CSS is used to style the dashboard components, including colors, fonts, and layout.

Custom styles are applied to enhance the visual appeal and user experience.

```
body {  
  
    font-family: Arial, Time New;  
  
    margin: 0;  
  
    padding: 0;  
  
    background-color: rgb(60, 2, 60);  
  
}
```

```
.login-container {  
  
    max-width: 550px;  
  
    margin: 100px auto;  
  
    padding: 20px;  
  
    background-color: #fff;  
  
    border-radius: 5px;
```



```
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}
```

```
.login-container h2 {  
    text-align: center;  
    margin-bottom: 20px;  
    margin-left: auto;  
    margin-right: auto;  
}
```

```
.form-container {  
    border: 1px solid lightgray;  
    border-radius: 8px;  
    padding: 1rem;  
}
```

```
.form-group {  
    margin-bottom: 20px;
```

```
}
```

```
label {
```

```
    display: block;
```

```
    font-weight: bold;
```

```
    text-align: left;
```

```
}
```

```
#password, #email, #student_id, #questions, #answer{
```

```
    inline-size: 20;
```

```
    border: 1px solid purple;
```

```
    width: 100%;
```

```
    padding: 10px;
```

```
    border-radius: 5px;
```

```
}
```

```
button {
```

```
    width: 60%;
```

```
padding: 10px;

border: none;

border-radius: 5px;

background-color: #007bff;

color: #fff;

cursor: pointer;

transition: background-color 0.3s;

display: block;

margin: 0 auto;

}

button:hover {

    background-color: #0056b3;

}
```

- **JavaScript Functionality:**

JavaScript is utilized for interactive features and dynamic content loading.

Functions are implemented to handle user interactions and perform tasks such as calculating payment amounts and displaying results.

```
document.getElementById("loginForm").addEventListener("submit", function(event) {  
  
    event.preventDefault(); // Prevent default form submission  
  
    // Get the email and password from the form  
  
    var email = document.getElementById("email").value;  
  
    var password = document.getElementById("password").value;  
  
  
  
    // Perform any authentication/validation here (not included in  
    this example)  
  
    // For now, just redirect to the dashboard page  
  
    window.location.href = "payment.html";  
  
});
```

- **Navigation:**

Navigation links are provided for easy access to different sections of the dashboard.

Users can navigate between pages seamlessly using the provided links and buttons.

- **User Interaction:**

Interactive elements such as buttons and dropdowns are incorporated for user engagement.

User input is validated and processed to ensure a smooth user experience.

- **Responsive Design:**

The dashboard is designed to be responsive, ensuring compatibility with various devices and screen sizes.

CSS media queries are used to adapt the layout and styling based on the viewport size.

CONCLUSION

With the GROUP 2 Tech Academy Web Application, users can efficiently manage their tasks and stay updated on their academic progress. The intuitive interface and comprehensive features make it a valuable tool for both students and administrators alike.