

# PROJECT DOCUMENTATION FOR CSS418

## GROUP 13

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# COURSE REGISTRATION AND PAYMENT PORTAL DOCUMENTATION

The Registration and Payment Portal is a web application designed to facilitate user registration and payment processing. It allows users to create accounts, register for services, and make payments securely online. The application is built using HTML, CSS, and JavaScript to provide a user-friendly and responsive interface.

Features:

**1. User Registration:** • Users can create accounts by providing their personal information such as name, email address, and password. • Validation checks are implemented to ensure that the entered information meets the required criteria (e.g., valid email format, password strength). • Upon successful registration, users receive a confirmation message and can log in to access their accounts.

**2. Login System:** • Registered users can log in to the portal using their email address and password. • Authentication mechanisms are implemented to verify user credentials and ensure secure access to user accounts. • Users are redirected to their dashboard upon successful login.

**3. Dashboard:** • The dashboard provides users with an overview of their account status, including registration details and payment history. • Users can access various features and functionalities from the dashboard, such as updating personal information, viewing invoices, and making payments.

**4. Payment Processing:** • Users can initiate payments for services or products offered through the portal. • Secure payment gateways are integrated to facilitate online transactions, ensuring the confidentiality and integrity of sensitive financial information. • Users receive payment confirmation and receipts upon successful completion of transactions.

**5. Responsive Design:** • The application is designed to be responsive and compatible with various devices and screen sizes, including desktops, laptops, tablets, and smartphones. • Flexible layouts and media queries are implemented using CSS to adapt the interface to different viewing environments.

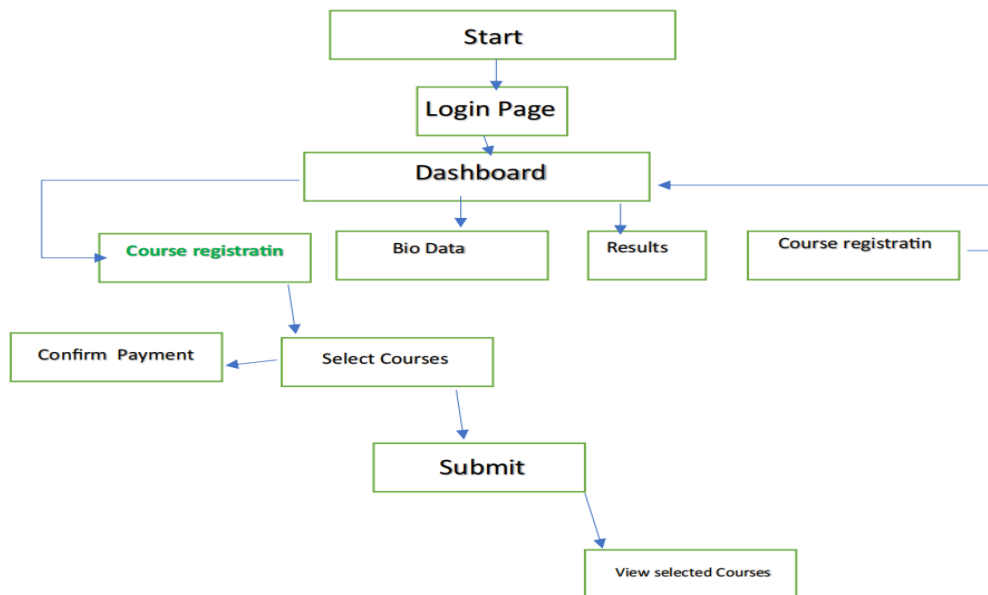
Implementation:

**1. HTML:** • HTML is used to structure the content and layout of the web pages, including forms for user registration, login, and payment processing. • Semantic HTML elements are employed to enhance accessibility and search engine optimization (SEO).

**2. CSS:** • CSS is used to style the visual elements of the application, including fonts, colors, layouts, and responsive design. • CSS frameworks such as Bootstrap may be utilized to streamline styling and ensure consistency across different pages.

**3. JavaScript:** • JavaScript is used to enhance the functionality and interactivity of the application, including form validation, user authentication, and dynamic content updates. • Client-side scripting techniques are employed to improve user experience without requiring page reloads.

**Conclusion:** The Registration and Payment Portal provides a seamless and convenient platform for users to create accounts, register for services, and make payments online. By leveraging HTML, CSS, and JavaScript, the application delivers a userfriendly interface with responsive design and robust functionality. Continuous improvement and adherence to security best practices are essential to maintaining the integrity and reliability of the portal.



#### Tuition fee payment and Course Registration Webpage Documentation

##### # Overview

This webpage aims at validating student's payments and allowing them to register for the various courses they offer.

##### ## Table of Contents

- Getting Started
- Usage
- Features
- Technologies Used

## ## 1. Getting Started

to get started, the student needs a device with ability to access the internet.

## ## 2. Usage

Explain how users can navigate and interact with the webpage.

## ## 2. Features;

The website contains students' data but the major features include tuition fees payment and course registration.

## ## 3. The technologies used for this website are Html, Css and Java script.