

**School of Computer Science Engineering & Information  
Science**

**A Report on  
Mini-Project  
Titled “Course Management”**

**Course Title: Web Technologies**

**Course Code: CSE2258**



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## 1.Introduction

The Course Management website, named **CourseConnect**, is a centralized e-learning platform designed to enhance academic management, improve transparency, and support blended learning for both faculty and students. It provides a structured environment where instructors can **organize, deliver, and track** academic courses, and students can **access materials, submit work, and monitor their progress**. The platform aims to streamline the workflow associated with course delivery and student engagement.

## 2.Software Requirements

- **Operating System:** Any major OS (Windows, macOS, Linux).
- **Web Browser:** Any modern web browser (Chrome, Firefox, Edge, Safari) compatible with **HTML5** and **CSS3**.
- **Text Editor:** Any basic text editor (VS Code, Sublime Text, Notepad++) to create and edit the source files.
- **No Database or Server-Side Scripting** is required for this initial, static front-end version.

## Hardware Requirements

- **Processor:** Minimum 1 GHz processor.
- **RAM:** Minimum 2 GB RAM (or standard memory required to run a modern browser).
- **Storage:** Minimal storage space (a few KB) for the HTML and CSS files.

## 3.Modules/Functionalities

The current static HTML/CSS structure demonstrates the layout for two primary user modules and a navigation system.

1. Site Navigation
2. Instructor Tools Module
3. Student Access Module

## 4.Results with Screenshots

The initial output focuses on a clean, professional, and segmented user interface.

- **Header and Navigation:** A prominent blue header (CourseConnect) followed by a dark, centered navigation bar provides clear branding and site accessibility.
- **Dual Panel Layout:** The main content area successfully utilizes **Flexbox** (implied by display: flex on .content-container) to present the **Instructor Tools** and **Student Access** panels side-by-side, optimizing screen space for different user needs.
- **Course Card Design:** The Student Access section uses distinct, visually separated "Course Cards" to make course selection intuitive.

## 5.Conclusion

The simple HTML and CSS code successfully establishes the foundational **front-end structure and professional design** for the Course Management System. It effectively separates the key functionalities into distinct, user-friendly modules for both instructors and students. The use of semantic HTML and responsive CSS (though simple) provides a clean and accessible starting point, ready for the integration of **back-end logic** (e.g., using Python, PHP, or Node.js) and a database to make the platform fully functional.



