



MINI PROJECT PROFILE

Study-Assist

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Registration Number: B231232B

Programme: Computer Science

Course Code: CS214

Course Title: Internet and Web Design

Level: 2.2

Project Type: Web Mini System

Approval Date: April 3rd, 2025

Overview:

Study-Assist is an innovative web-based mini system designed to empower students in achieving their academic goals. It provides a comprehensive platform that integrates various study tools and resources to enhance learning efficiency and organization.

Technologies and Languages Used:

- PHP
- HTML5
- CSS
- JavaScript
- SQL
- Wampserver (database manipulation through MySql and server side)
- visual studio code (as a code editor)

Key Features:

Mind Maps: Visualize and organize ideas to improve understanding and memory retention.

Flashcards: Create and review flashcards for effective memorization.

Pomodoro Timer: Manage study sessions with time-based focus intervals to boost productivity.

Session Tracking & Scheduling: Monitor study sessions and plan future study activities with calendars and reminders.

Online Resource Extraction: Access and integrate relevant online educational resources to enrich study material.

Chatbot: An intelligent assistant for skeletal information retrieval, answering student queries and guiding through the system.

Purpose:

Study-Assist aims to streamline the studying process by combining multiple educational tools into a single, easy-to-use platform. It encourages organized, focused, and resourceful learning, ultimately helping students achieve their academic targets more effectively.

Status:

The system was officially approved on April 3rd, 2025, and reached full completion on May 18th, 2025, representing a significant milestone in advancing student study habits through innovative technology. This project involved two consultations

aimed at enhancing the overall functionality of the system to meet user needs effectively.

References:

1. Tailwind CSS. (n.d.). Tailwind CSS: Utility-First CSS Framework*. Retrieved April 2025 from tailwindcss.com/

2. Ulverse. (n.d.). UI Components for Modern Web Design*. Retrieved April 2025, from uiverse.io/

3. Wikipedia API. (n.d.). *MediaWiki API*. Retrieved April 2025, from <https://www.mediawiki.org/wiki/API>

4. Spotify. (n.d.). *Embedded Playlists*. Retrieved April 2025, from <https://developer.spotify.com/documentation/widgets/generate-playlist-embed-code/>