

# Problem-Based Learning Assignment:

## Student Dashboard - Project Report

### 1. Overview

The Student Dashboard is a web-based platform that helps students track their academic progress, manage courses, set reminders, and monitor learning activities. It offers an intuitive interface with key features for a better learning experience.

### 2. Technologies Used

- Frontend: HTML5, CSS3, JavaScript (Vanilla), Chart.js, Font Awesome
- Design: Responsive, Dark/Light Theme, Mobile-First, Modular Structure

### 3. Key Features

#### Navigation System

- Responsive Sidebar (Collapsible on Mobile)
- Active Page Highlighting

#### Dashboard Overview

- Stats Cards: Enrolled Courses, Completed Lessons, Study Hours, Achievement Points

#### Analytics & Charts

- Weekly Study Hours (Bar Chart)
- Course Progress (Doughnut Chart)

#### Course & Reminder Management

- Course Cards with Progress Indicators
- Reminders: Add, Edit, Delete, Date Scheduling

### 4. UI & Styling

- Color Scheme: Dark Mode (#1a1a1a), Accent (#00a8e8), Text (ffffff)
- Animations: Hover Effects, Smooth Sidebar Toggle, Chart Animations

### 5. Key Functions

- Theme Toggle: Dark/Light Mode with Persistent Storage
- Chart Rendering: Dynamic Data Loading, Interactive Tooltips
- Reminder Management: CRUD Operations, Priority Sorting

## 6. Future Enhancements

- User Authentication, Real-time Updates, Calendar Integration, File Management, Notifications

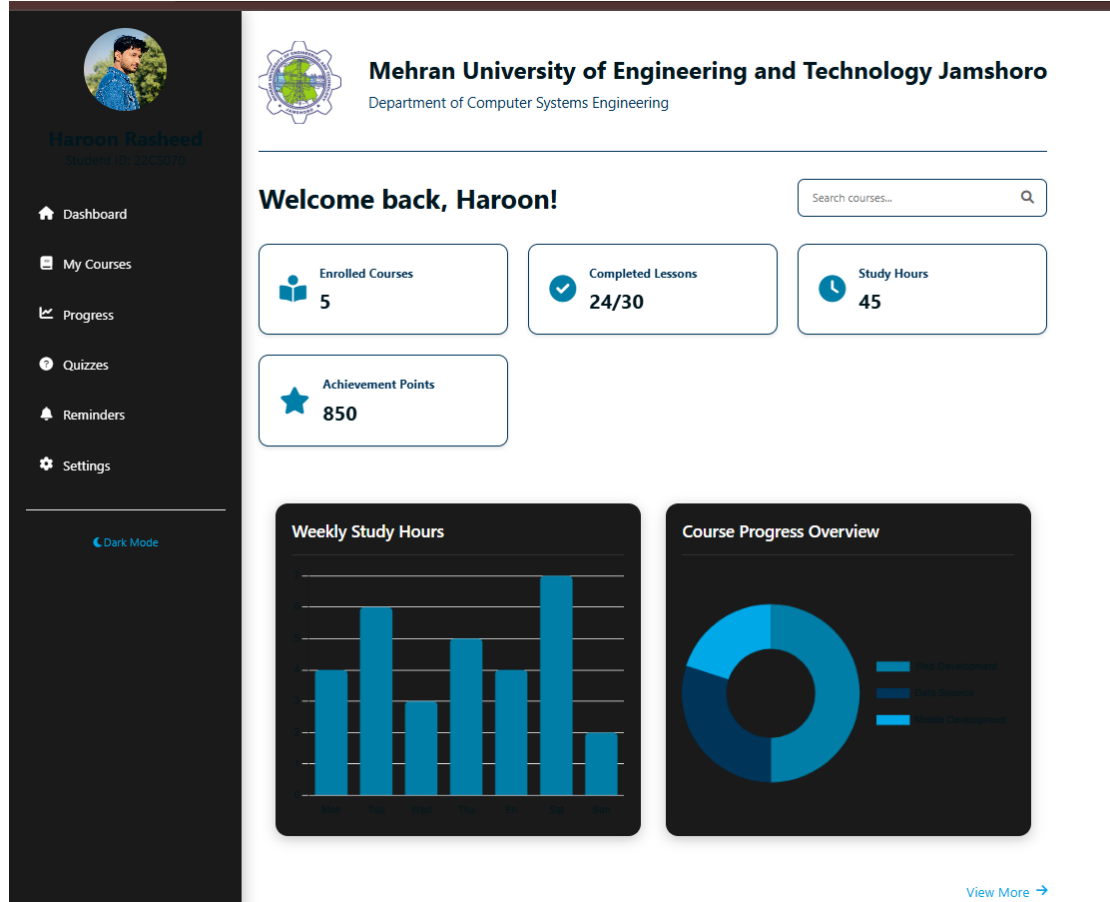
## 7. Project Structure

...

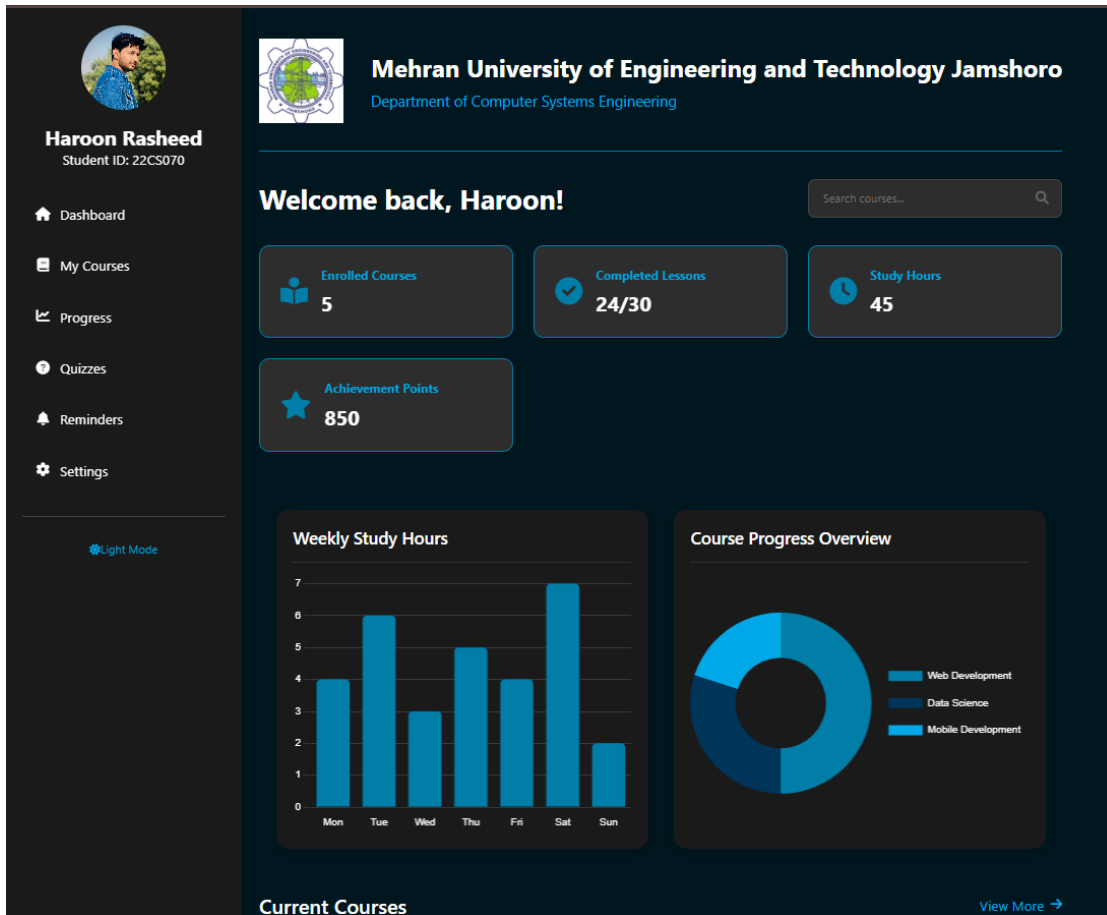
```
├── index.html
├── assets/
├── pages/
├── scripts.js
└── styles.css
```

## Output :

### Light Mode:



## Dark Mode:




## Settings Page:

The settings page is divided into two main sections: Profile Settings and Account Settings. The Profile Settings section includes a profile picture, a 'Change Photo' button, and input fields for Full Name, Email Address, Phone Number, and Bio. The Account Settings section includes input fields for Password and Confirm Password, and a 'Save Changes' button.

**Settings**

**Profile Settings**



[Change Photo](#)

Full Name  
Haroon Rasheed

Email Address  
hrq278@gmail.com

Phone Number  
+92 31813000

Bio  
Computer Systems Engineering student passionate about web development and data science.

[Save Changes](#)


**Account Settings**

Password  
12345678

Confirm Password  
12345678

[Save Changes](#)


## Quiz Page:



**Haroon Rasheed**  
Student ID: 22CS070

- Dashboard
- My Courses
- Progress
- Quizzes**
- Reminders
- Settings

Dark Mode





**Mehran University of Engineering and Technology Jamshoro**  
Department of Computer Systems Engineering


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### Quizzes





All Quizzes ▾

 **Completed Quizzes**  
12





 **Upcoming Quizzes**  
3

 **Average Score**  
85%

#### Upcoming Quizzes


**JavaScript Basics**  
 Web Development  Due in 2 days  
 Duration: 30 mins  20 questions

[Start Quiz](#) [View Details](#)

**CSS Layouts**  
 Web Development  Due in 5 days  
 Duration: 45 mins  25 questions

[Start Quiz](#) [View Details](#)

## Progress Page:




**Haroon Rasheed**  
Student ID: 22CS070


- Dashboard
- My Courses
- Progress
- Quizzes**
- Reminders
- Settings


Dark Mode

### Learning Progress

This Week ▾

 **Overall Completion**  
65%

 **Study Hours**  
45 hours

 **Achievement Points**  
850

#### Course Progress

**Web Development** 75%

Completed Lessons: 15/20 Quiz Scores: 85% Assignments: 8/10

**Data Science** 45%

Completed Lessons: 9/20 Quiz Scores: 78% Assignments: 4/10

**Mobile App Development** 30%

Completed Lessons: 6/20 Quiz Scores: 92% Assignments: 3/10

## Settings Page:

## Courses Page:



**Haroon Rasheed**  
Student ID: 22CS070

- Dashboard
- My Courses
- Progress
- Quizzes
- Reminders
- Settings

Dark Mode



**Mehran University of Engineering and Technology Jamshoro**  
Department of Computer Systems Engineering

### My Courses

All Courses

In Progress

Completed

Upcoming



**Web Development**  
8 weeks 2,500 students  
75% Complete  
[Continue Learning](#) [View Details](#)

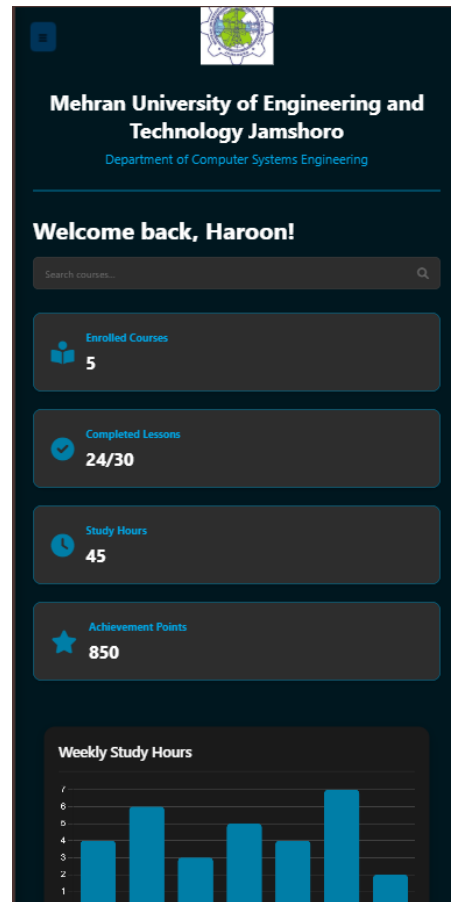
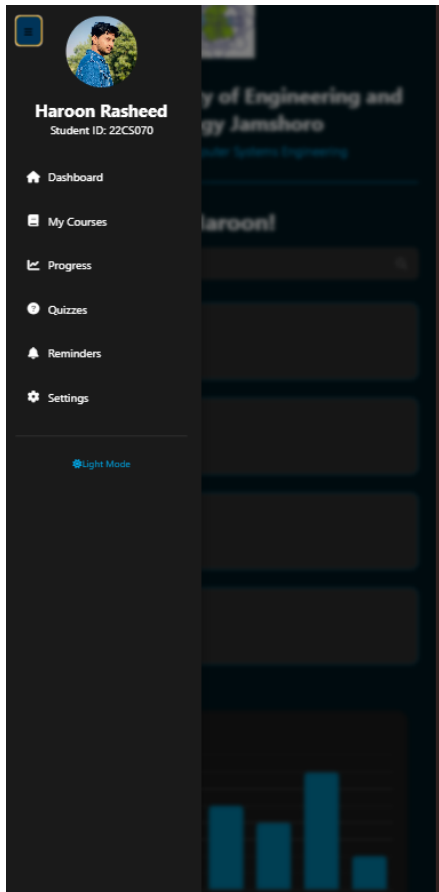


**Data Science**  
12 weeks 1,800 students  
45% Complete  
[Continue Learning](#) [View Details](#)



**Mobile App Development**  
10 weeks 1,200 students  
30% Complete  
[Continue Learning](#) [View Details](#)

## Responsiveness :



## Summary

This project report summarizes the Student Dashboard's features and technical aspects, ensuring a responsive and user-friendly experience.

### Rubrics

Parameter	Poor (1-3)	Acceptable (4-7)	Proficient (8-10)	Score (10)
<b>Requirement Analysis</b>	Minimal identification of profile sections and elements. Information is vague or incomplete.	Identifies most required sections and elements but lacks some detail or clarity.	Clearly identifies all required sections (e.g., personal info, skills) and specifies appropriate elements.	
<b>HTML Structure and Layout Design</b>	Incomplete or poorly structured HTML. Lacks key sections or uses incorrect tags.	Structure is mostly complete but may have minor issues with organization or tags. CSS is basic and lacks responsiveness.	Well-structured HTML with appropriate tags for each section. CSS is used effectively for styling and responsiveness.	
<b>JavaScript Interactivity</b>	Minimal or incorrect use of JavaScript. Interactivity is nonfunctional or incomplete.	JavaScript adds basic interactivity, but functionality may be limited or lack polish.	JavaScript is used effectively for theme toggle and profile photo upload, with working functions and smooth user experience.	
<b>Testing and Feedback</b>	No testing or feedback considered; fails to address cross-device compatibility.	Basic testing done, but may lack thoroughness. Limited feedback is incorporated.	Thorough testing on various devices and browsers; feedback is collected and applied to improve the design.	
Total				
Normalized Score = (Total /40)*10				