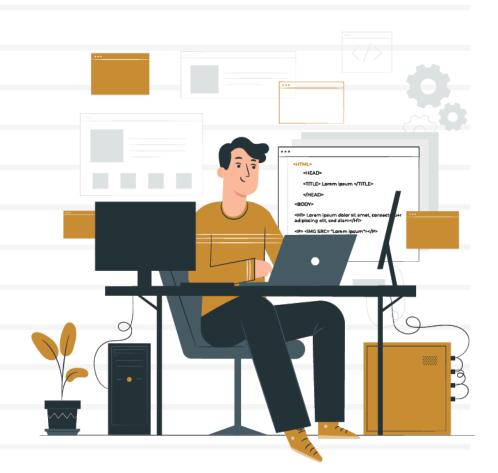# SUNSTONE

Milestone 1: Platform Foundation

Online Learning Platform Project

Project Topic

Platform Foundation: **Online Learning Platform**

What is Project:

- The project is an opportunity for students to explore an interesting problem or a part of the problem of their choice in a real-world context and within the scope of a specific course they are learning.

- In the project, students would - explore the problem in detail, gather information and explain the same, seek challenges if any after investigation, use methods to solve the problem, and make inferences and recommendations that can be implemented.

- The project can be descriptive of existing systems/ prevailing conditions of the topic under research. In an exploratory study, students can explore the area of study, introduce new augments to the existing system, and draw inferences and projections.

Objectives of the Project:

- Set up a user authentication system (signup, login, password recovery) for your platform.
- Create a user-friendly dashboard for users to navigate through available courses.
- Develop a basic course structure with lessons, quizzes, and assignments.

In this capstone project, students will demonstrate mastery of the following course learning outcomes:

[CLO1]: Implementing User Authentication System

[CLO2]: Designing User-Friendly Dashboard

[CLO3]: Building Basic Course Structure

Problem Statement

Establish the core structure of the online learning platform.

We will have the first specification similar to this for our project.

PROJECT: Milestone	
Course components	**Milestones to be completed by students**
1st Milestone	
User Authentication	• User signup page • User login page • Password recovery functionality
Dashboard Setup	• User dashboard • Display of available courses • Basic course categorization
Basic Course Structure	• Course creation functionality • Lesson and quiz structure • Basic course navigation
Documentation and Testing	• Documentation for user authentication • Documentation for dashboard setup • Basic testing documentation

Deliverables

Milestone	Deliverable	Grading
One	• User authentication system. • Dashboard displaying available courses. • Basic course structure with lessons and quizzes.	Graded separately; Milestone One Rubric 20%