

Project Design Phase

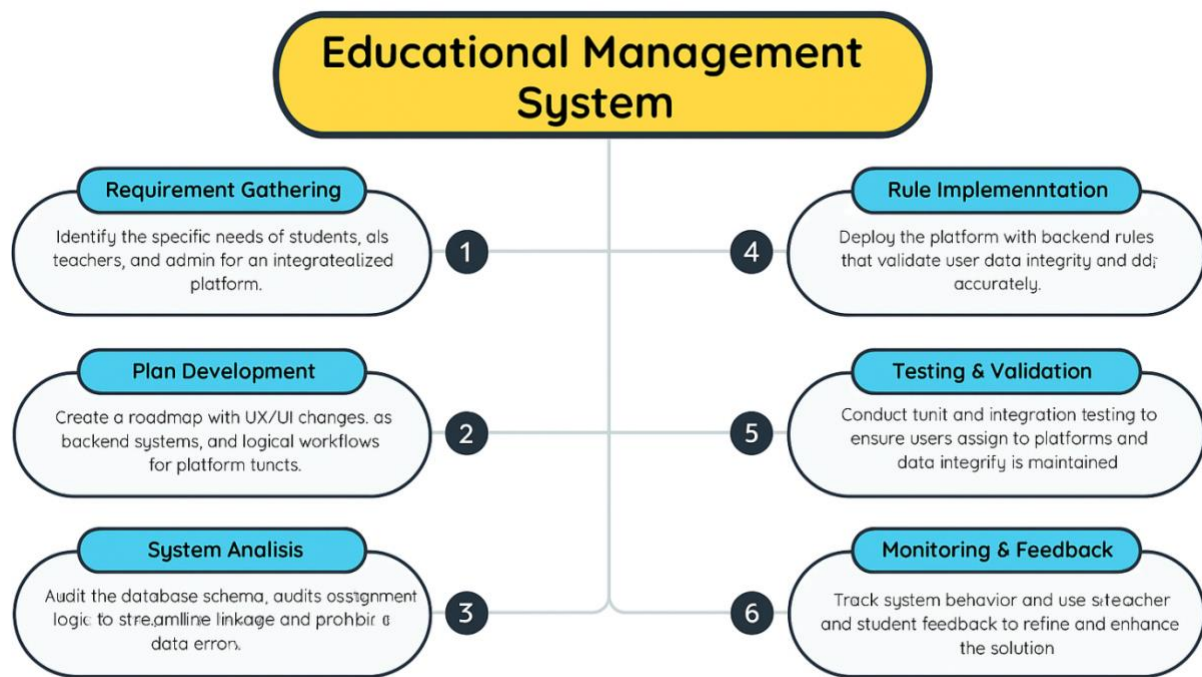
Date	29.10.2025
Team ID	NM2025TMID05816
Project Name	Educational Management System
Maximum Marks	2 Marks

Problem – Solution Fit Template

The Problem–Solution Fit means identifying a real issue faced by the target users (students, teachers, or administrators) and developing a solution that effectively resolves it. It ensures that the Educational Management System (EMS) genuinely addresses key challenges in academic and administrative processes.

Purpose

- ✓ I Simplify and digitize school, college, or university operations efficiently.
- ✓ I Improve communication between students, teachers, and administration.
- ✓ Reduce manual workload by automating attendance, grading, and record management.
- ✓ Enhance transparency in performance tracking and course management.
- ✓ Provide quick access to academic information through a unified platform.
- ✓ Build a reliable and scalable solution that improves institutional productivity and user satisfaction.



The project “**Educational Management System**” addresses a significant challenge in managing educational institutions efficiently. Traditional methods often rely on manual processes for student registration, attendance tracking, grading, and communication, leading to errors, delays, and data mismanagement.

This system provides a **centralized digital platform** that automates academic and administrative operations, enhancing transparency, accessibility, and reliability. Teachers can manage courses and grades effectively, students can view progress in real-time, and administrators can monitor institutional performance with ease.

By integrating modern web technologies and database management, the **Educational Management System** ensures smooth coordination, minimizes human error, and promotes a data-driven educational environment that is both efficient and sustainable.