Capstone project

DUEMATE

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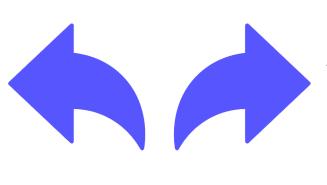
PROBLEM DEFINITION

The Assignment Management System enables students to track assignments and deadlines with reminders while allowing instructors to assign tasks, monitor progress, and communicate with students.

CONTEXT

An Assignment Management System (AMS) helps students manage multiple assignments and deadlines while assisting teachers in tracking submissions and ensuring timely completion:

- •Centralizing all assignments in one platform.
- Allowing both students and instructors to track assignments in real-time.
- Sending automatic reminders to students about upcoming deadlines.



TARGET USERS

•Students:

Students need a system to organize and manage assignments.

•Teachers/Instructors:

Teachers need a system to track submissions and share updates

Educational Institutions:

Institutions need a system to manage assignments and boost engagement

PROJECT GOALS

An Assignment Management System enables tracking, reminders, status monitoring, centralized communication, progress tracking, and file submissions for students and teachers

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CORE DATABASE ENTITIES

- •Students: student id, names, email, phone number
 - •Instructor: instructor id, names, email, phone number
- •Assignment: assignment id, tittle, subject, created by, due date
 - •Submission: submission id,
 Assignment id, student id
- •Reminder: reminder id, message, reminder date, student id

RELATIONSHIP

- •Student-Submission
- •Assignment-Submission
- •Instructor-Assignment
 - •Instructor-Course
 - •Student -Course
- •Reminder-Student

Benefits

- Organization & Time Management:
 Streamlines assignment tracking
 and deadlines with automated
 reminders.
 - Collaboration & Feedback:
 Facilitates real-time communication and efficient grading.
- Paperless & Centralized: Reduces paper use and stores all data in one place.
- Reduced Admin Burden: Automates tasks, easing educators' workload.