

Date: 03/04/2025.

Assignment: - MIT M result Portal.

# Requirements: -

In this system there will be users who will sign in to page and based on their id it goes to student, instructor or admin page.

⇒ Admin is allowed to generate grade and report.

⇒ Student is allowed to read only results.

⇒ instructor are allowed to read, write the marks of these subject.

Technologies:

— frontend:

HTML, CSS, JS.

Backend - NodeJS, express.

Database → MySQL ⇒ multiuser, limitations of accessing database.  
power/ax



~~# Requirement~~

# III TM Result Management System

Entities: - User, Student, Instructor, Course, Enrollment, Marks, Grades.

Attributes:

User:

- + userId
- + name
- + email
- + password
- + role

Student

- + studentId
- + program
- + semester

Instructor

- + Id
- + department

Course

- + id
- + course name
- + credits
- + InstructorId

Enrollment

- + enrollmentId
- + studentId
- + courseId

Marks

- + markId
- + enrollmentId
- + assignm1
- + assignm2
- + assignm3
- + end sem.

Grades

- + gradeId
- + enrollmentId
- + letter grade
- + grade point



