

# Assignment Module Flow Documentation

**Project Roles:** The project currently contains three main roles: Admin, Instructor, and Student.

A new Assignment Module will be created for both Admin and Instructor panels. This module will use a separate assignment table in the database.

**Assignment Creation Flow:** Admin or Instructor will create an assignment by selecting a course from a dropdown list. The dropdown data will come from the existing course table. After selecting the course, assignment details such as title, description, deadline, and attachment can be submitted and stored in the assignment table.

**Student Visibility Flow:** All created assignments will currently be shown to students because payment integration is not active yet. Therefore, every student can temporarily view assignments for all courses in the student panel.

**Student Submission Flow:** Students will open an assignment, upload their answer or file, and submit it. Submission data will be stored with student ID, assignment ID, submission date, and attachment.

**Review and Grading Flow:** Submitted assignments will be visible to Admin and Instructor for preview and grading. Instructor/Admin can review each submission and assign marks or feedback.

**Current Temporary Limitation:** Since course purchase/payment tracking is not implemented, the system cannot identify which student purchased which course.

**Temporary Solution:** Until payment integration is completed, all assignments are visible to all students regardless of course ownership.

**Future Required Logic:** Once payment is integrated, assignment visibility should be filtered based on purchased courses. The system should check course enrollment or payment records before showing assignments to a student.

Role	Action
Admin	Create assignment, review submissions, grade
Instructor	Create assignment, review submissions, grade
Student	View assignments, submit answers