



# BANNARI AMMAN INSTITUTE OF TECHNOLOGY

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<b>Project ID</b>	2
<b>Problem Statement</b>	Creating and Tracking project with collaborators

## Technical Components

<b>Component</b>	<b>Tech Stack</b>
Frontend	HTML, CSS, JAVA SCRIPT
Backend	Python, Django
Database	MySql

## **PROJECT-FLOW:**

### **Purpose:**

The purpose of "Creating and Tracking Project with Collaborators" is to set up a clear plan for working together on a project. This involves defining goals, assigning tasks, and ensuring everyone communicates well. Using project management tools, the aim is to boost productivity, keep track of progress, and meet deadlines and budgets. The goal is to create a team environment that encourages accountability and transparency, leading to successful project completion and satisfaction for everyone involved.

### **Scope:**

The Project Tracking system will include the following features:

- User authentication and authorization
- Define Project goals and Objective
- Assign roles and responsibilities
- Admin approval/modification/declination of project requests
- Notification system for project accept/decline status updates
- User and admin dashboard for managing project.

### **Goals and Objectives:**

- Provide an intuitive and user-friendly interface for project resources.
- Ensure accurate and up-to-date availability information for all facilities and students.
- Streamline monitoring the project process and reduce administrative overhead.
- Improve communication between users and administrators regarding project requests.

### **System Overview:**

#### **1. Users:**

They have access to add their project and the status.

#### **2. Admin:**

Administrators have access to view projects and approve or reject it (with remarks).

## **Functional Requirements:**

### **User Authentication:**

- Users must be able to register an account and log in securely.
- Administrators must have access to an admin dashboard for managing users and bookings.

### **Project Checking**

- Users should be able to check or add the project.
- The system should display real-time availability status for each project.

### **Project Submission:**

- Users should be able to submit project specifying date, time, and project info.
- Project details should be stored in the database for review by administrators.

### **Admin Functionality:**

- Administrators should be able to view project added and take actions (approve, modify, decline).
- The system should send notification emails to users regarding the status of their project.

### **Notification System:**

- Users should receive email notifications when their project requests are approved, modified, or declined.
- Administrators should receive notifications when new project requests are submitted.

## **Non-Functional Requirements:**

### **Performance:**

- The system should be responsive and able to handle multiple concurrent users.

### **Usability:**

- The user interface should be intuitive and easy to navigate.

### **Security:**

- User data and booking information should be stored securely.

### **Reliability:**

- The system should be available and reliable at all times.

FLOW CHART:

