

Project Proposal: Django-Based CRM System for Educational Institutions

1. Introduction

1.1 Background:

In educational institutions, managing students, staff, and administrative tasks efficiently is critical for smooth operations. This CRM system aims to streamline these processes by providing an integrated platform to manage students, staff, courses, and announcements.

1.2 Objective:

Develop a Django-based CRM system to facilitate the management of students, staff, and administrative functions, including fee management, attendance tracking, material distribution, and announcements.

2. Project Scope

2.1 Features:

Admin Module:

Student Management:

Add, update, and delete student records.
Maintain student fees and view fee status.

Staff Management:

Add, update, and delete staff records.
Approve or reject staff leave requests.

Course Management:

Add and manage courses.

Announcements:

Send announcements to all students and staff.

Staff Module:

Attendance Management:

Record and manage student attendance.

Material Management:

Send educational materials to students.
Delete materials if necessary.

Announcements:

View announcements sent by admin.

Student Module:

Material Access:

View educational materials sent by staff.

Attendance Tracking:

View their own attendance records.

Announcements:

View announcements sent by admin and staff.

2.2 Deliverables:

A fully functional Django CRM application.

Comprehensive documentation including installation instructions, user guides, and API documentation.

Training materials or sessions for end-users.

3. Technical Requirements

Backend:

Django (Python web framework)
MySQL (database)

Frontend:

Django templates (e.g., HTML, CSS, BOOTSTRAP, JAVASCRIPT)