ABSTRACT

The Tution Centre Student Management System is a web-based application built on the Django framework, designed to streamline and enhance the management of student-related information within educational institution. This system aim to provide a comprehensive solution for many tution centres to efficiently manage student data, academic records, attendance and communication between staff, parents, students and Admin(Office).

The Tution Centre Student Management System offers a user-friendly interface accessible to Admin, Staff, Students and Parents. Admin can manage student accounts, staff accounts, Parent account and Payments. Staff can record attendance, feedback and apply leave status. Students gain access to their profile, course subject, send feedback, apply leave and send payment. Parents can view the course academics, attendance report status, and payment status.

Modules

Admin (Office):-

Admin can add, edit, and delete the staffs, students and parents. Admin can manage subjects and payments. Both Students and staff can submit their leave application through system, allowing admin to review and approve or deny the request. Feedback from student and parents can identify to the areas for improvement. Important events, deadline and announcement is published to Notification.

Staff :-

The Staff can marking and tracking student attendance, recording and managing student grades, course subjects, feedback and leave status. Access to student records, attendance and performance analytics of Students, Staff can interact with parents through messaging or announcement.

Student :-

Students can access to attendance records, leave requests and notifications related to academics. Can view academic progression, notifications. Send Feedback and payments. Students can review their staffs.

Parents:-

Parent's module aim to keep parent informed and engaged in their child's educational progress. Parent's have access to attendance records, grades and performance report. They can communicate Admin(Office) through chatbot. Track and manage fee payments.

Technology Used :-

- Feedback
- Chatbot(Natural language processing)
- Payment
- Review(Machine Learning)

MINI PROJECT

ADMIN (Office):-

- Login
- Add/View/Remove Student
- Add/View/Remove Staff
- Add/View/Remove Course Subjects
- Logout

STAFF :-

- Login
- Apply for leave
- Create/View Student Attendance
- View Profile
- Logout

STUDENT :-

- Login
- Apply for leave
- View Attendance data
- View Profile
- Logout

MAIN PROJECT

PARENTS :-

- Login
- View Attendance data
- View Academics report
- Using Chatbot can communicate with Staff
- View Notification
- Send/View Payment
- Send Feedback
- Staff Profile
- Logout

ADMIN :-

- Communicate with Parents
- Add/View/Remove Parents
- Send Notification to Students and Staffs
- Manage Payment
- View Feedback
- View Review

STAFF :-

- Add/Edit/Remove Academics Report
- View Feedback
- View all Notification

STUDENTS :-

- Send/View Payment
- Send Feedback
- View Academics Report
- View Notification
- Send Review to Staffs

Software Specification:-

- Frontend : HTML/CSS/JS
- Backend: Django