

## Project Overview:

Build a basic School Project using Django. The system will have three types of users: Admin, Teacher, and Student. The Admin will manage Teachers and Students through full CRUD operations, while Teachers and Students will have limited access to their own profiles and functionalities.

## Task:

1. Implement custom user authentication. Apply registration method only for Admin. After logging in, the Admin can create Student and Teacher accounts used Phone number as password. Then, Teachers and Students can log in to their accounts. On first login, they must change their password.
2. Apply CRUD operation on the ClassModel with the fields: **(ClassName, Seats)**
3. Apply CRUD operations using Django Form on the Teacher with the following fields: **(Username, Name, Designation, Address, Email, Phone)**
4. Apply CRUD operations on the Student without using Django Form, with the following fields: **(Username, Name, Class, Address, Email, Phone)**. Here class field create relationship with the ClassModel.
5. Create a role-based dashboard. After login:
  - Admin should see a panel to manage Teachers and Students.
  - Teachers and Students should see their own profile and relevant information.
6. Implement profile management. Allow Teachers and Students to view and update their own profile information (excluding role or username).

## Bonus:

1. If all the seats in a class are full, do not allow any more students to register for that class and show a message saying the class is full.