

Student Management System Mini Project Documentation

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Course: Entri

1. Introduction This project is a simple Student Management System built using Django. It allows users to add, update, view, and delete student records.

2. Objectives - Store student details (name, age, grade)

- Manage records through CRUD operations

- Provide a simple web interface

3. Technologies Used - Python

- Django

- SQLite

- HTML Templates

4. System Requirements - Python 3.x

- Django installed

- VS Code or any code editor

5. Project Structure student_project/

- └── settings.py

- └── urls.py

- └── wsgi.py

students/

- └── models.py

- └── views.py

- └── urls.py

- └── templates/students/

6. Features - Add new student

- View all students

- Update student data

- Delete student

7. Code Explanation **models.py:** Defines Student model.

views.py: Handles add, list, edit, delete logic.

urls.py: Maps URLs to views.

HTML Templates: Display pages.

8. Conclusion This project provides a clean and simple system for managing student data and is suitable for learning Django fundamentals.

9. Future Improvements - Add search functionality

- Add pagination

- Improve UI using CSS