Smart College Club Management System

- Mini Project Presentation
- Using Flask and SQLite

- Prepared By: Student
- Department: CSE (AI & ML)

Project Overview

- • Web based club management system
- • Helps manage students, clubs and events
- • Built using Python Flask and SQLite database

Problem Statement

- • Manual club management is difficult
- • Event tracking is not centralized
- • Student participation data is hard to maintain

Objectives

- • Automate club management
- • Store student data digitally
- • Manage events efficiently
- • Provide easy access to club information

Technologies Used

- Frontend: HTML
- Backend: Python Flask
- Database: SQLite
- Tools: VS Code / PyCharm

System Modules

- • Student Registration
- • Club Management
- • Event Management
- • Database Storage

Working Flow

- 1. Student registers
- 2. Admin adds clubs
- 3. Admin adds events
- 4. Students view clubs and events

Code Explanation

- • Flask handles routing
- • SQLite stores data
- • HTML templates display data
- • Forms send data to backend

Advantages

- - Easy to use
- - Fast data access
- - Reduces paperwork
- - Centralized management

Future Enhancements

- • Login authentication
- • AI club recommendation
- • Mobile app integration
- • Dashboard analytics

Conclusion

- Smart Club Management system improves college club organization

- and makes student participation management easier.

Thank You

- Questions?