24-FYP-201

Online Learning Management System (LMS)

Description

An online Learning Management System (LMS) offers a comprehensive platform for delivering, managing, and tracking educational content and user progress. These systems enable users to access a wide range of courses across various subjects, often created by industry experts or educational institutions.

Main Features

- Design and organize comprehensive course content.
- Chat and message systems for student-instructor interaction with their Separate Panels.
- Create and grade quizzes and video lectures with a take quiz option.
- Manage users, course settings, and system configurations by Admin Panel.

Tools & Technologies

- Pycharm Professional
- Postgresql Database
- HTML
- Ajax
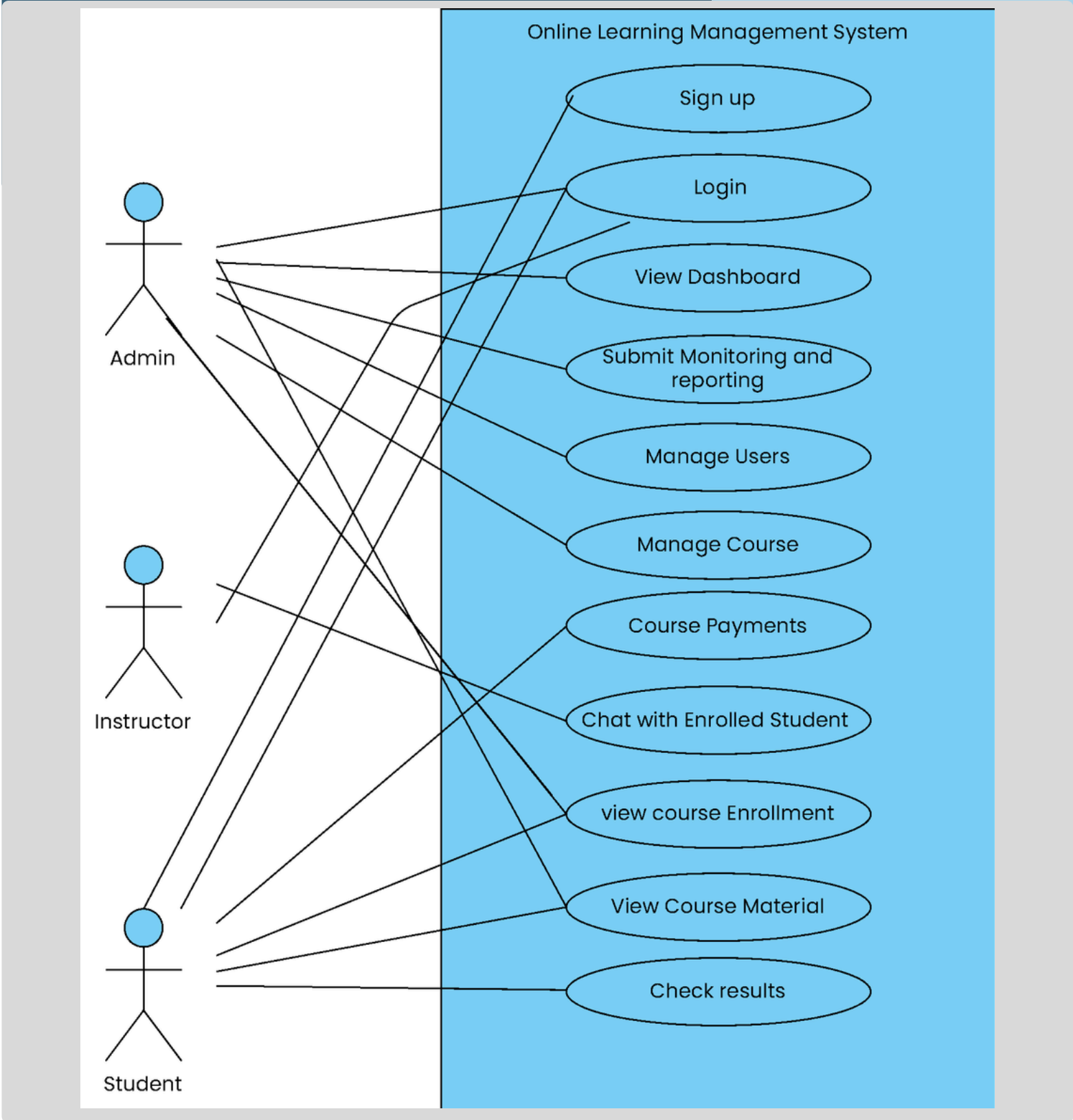- Python (Django Rest Framework)
- CSS,
- JavaScript
- Bootstrap

Target Market

- Individuals seeking new skills for personal or career growth.
- Educational institutions supplementing their curriculum.
- Companies providing employee training and development.
- Training providers delivering educational programs online.

Usecase Diagram

Online Learning Management System

Admin — Instructor — Student

- Sign up
- Login
- View Dashboard
- Submit Monitoring and reporting
- Manage Users
- Manage Course
- Course Payments
- Chat with Enrolled Student
- view course Enrollment
- View Course Material
- Check results

Community Service

- Free or discounted access to online courses
- Digital literacy workshops or webinars.
- Collaboration with Education institute/community centers

Screenshots

Group Members

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FINAL YEAR PROJECT DISPLAY 2024

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