COLLEGE MANAGEMENT SYSTEM USING PYTHON & DJANGO

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfilment of the requirements for the Degree of Bachelor of Science in Computer Science

Submitted by

S HELVIN AMALA PRABA (2021B19)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)
Re – Accredited with 'A++' Grade by NAAC(IV Cycle)
Mary Land, Madurai-18.

MARCH -2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled **"COLLEGE MANAGEMENT SYSTEM USING PYTHON & DJANGO "** is a Bonafide record of the project work done by **S.HELVIN AMALA PRABA(2019B14)** in partial fulfilment of the requirement for the award of the Degree of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on _25.03.24_

INTERNAL EXAMINER   **EXTERNAL EXAMINER**

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DECLARATION

I hereby declare that the project entitled "COLLEGE MANAGEMENT SYSTEM USING PYTHON & DJANGO" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Bachelor of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

Place:Madurai

Date: 25.03.24

S. Helvinamala Praba

S.HELVIN AMALA PRABA

Signature

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PROG-TEC ACADEMY

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Helvin Amala Prabha. S** (2021B19) student of **B.Sc. (Computer Science)** in **Fatima college (Autonomous), Madurai** has successfully completed her project **"An Web Application regarding – Advance College Management System"** in the platform of **Python Django** at Prog Tech Academy, Madurai from November 2023 to January 2024.

Center Director

(Mr. R.Saimurugan)

1.ABSTRACT:

The college management system developed using Python and Django provides a comprehensive platform catering to the needs of students, teachers, and administrators. With distinct user roles and functionalities, the website streamlines various academic and administrative processes. For students, the website offers essential features such as accessing their results, applying for leave, browsing available courses, and gaining insights into college information. Through an intuitive interface, students can conveniently navigate through these functionalities, enhancing their academic experience. Teachers, on the other hand, are empowered with tools to efficiently manage their academic responsibilities. They can input and manage student marks, approve leave requests submitted by students, and have the authority to edit or delete student profiles as needed. Additionally, teachers can access a comprehensive list of their fellow faculty members, facilitating better collaboration and communication within the academic community.

Administrators wield extensive control over the system, overseeing its operations and customizing roles to align with the organizational structure. With the ability to create roles such as Head of Department (HOD), teachers, and lab assistants, administrators can tailor access levels and responsibilities accordingly. Furthermore, administrators have the privilege to create new courses, thereby enriching the academic offerings of the institution. Through robust backend functionalities and an intuitive frontend interface, the college website serves as a centralized hub for academic and administrative activities. It fosters seamless interaction between students, teachers, and administrators, thereby optimizing the efficiency and effectiveness of educational operations within the institution. With seamless integration of frontend and backend functionalities, the college website serves as a centralized platform for academic and administrative activities. It facilitates efficient communication and collaboration among students, teachers, and administrators, fostering a conducive learning environment and driving institutional growth and development.

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