CIT 360 - A Full Stack Website Project

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Project Synopsis

Submitted

In partial fulfilment

For the award of the Degree of

Bachelor of Technology

In Department of Computer Science Engineering

Submitted To

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ABSTRACT

CIT 360 is a Full Stack website project developed using Python, Django Web Framework, HTML, CSS, JavaScript, jQuery, Postgresql, Celery, Bootstrap, and Git Version Control System. The website includes features like UI/UX Designing, Website Admin Panel, Separate Student and Teachers Login, Students can Download Available Certificate on Their Name, Campaign app, Chat Bot, Suggestion Tabs for Students About Internship and Updates, Complain Box, and Holidays Tabs.

The main aim of this project is to create a website that can provide a platform for students and teachers to communicate with each other, share information, and access various resources related to their academic needs. The website is designed to be user-friendly, easy to navigate, and visually appealing.

The project will be developed over a period of 4 months, and the team consists of three members who will work together to deliver the project. The future scope of the project includes adding more features and functionalities to enhance the user experience and make the website more useful for students and teachers.

Project Description:-

Team members:-The project team consists of Mohit Prajapat, Parth Bairwa, and Yash Shiva.

Time Duration:- The project will be completed in 4 months.

Problem Statement:

The problem that this project aims to solve is the lack of a centralized platform for students and teachers to access academic resources, communicate with each other, and share information. This leads to a fragmented approach to learning and a lack of coherence in the academic ecosystem.

Research Gap Identified:

There is a need for a platform that provides a seamless experience for students and teachers to access academic resources and communicate with each other. While there are some existing solutions available, they often lack certain features or are not user-friendly enough. CIT 360 aims to bridge this gap by providing a comprehensive and easy-to-use platform for students and teachers.

Methodology used:

The project will be developed using Python, Django Web Framework, HTML, CSS, JavaScript, jQuery, Postgresql, Celery, Bootstrap, and Git Version Control System.

Future Scope:

The future scope of the project includes adding more features and functionalities like video conferencing, a personalized dashboard for students and teachers, automated attendance tracking, and more. The website can also be scaled up to include more academic institutions and expanded to cater to a wider audience.

Conclusion:

CIT 360 is a Full Stack website project aimed at providing a centralized platform for students and teachers to access academic resources, communicate with each other, and share information. The project is designed to be user-friendly, easy to navigate, and visually appealing. With the use of modern web development technologies, the website will be scalable and can be expanded to cater to a wider audience in the future.

References

Official Documentation of Referenced