

COLLEGE WEBSITES MAINTAINANCE TRACKING SYSTEM

TEAM:

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PROBLEM STATEMENT IDENTIFIED:

"Struggling to find a suitable platform for centralized maintenance tracking across multiple college websites, spanning various levels of abstraction and user access through logins."

Monitoring the maintenance of diverse college websites entails the development of a web platform utilizing HTML, CSS, and React JS, with deployment facilitated through the Azure cloud platform.

IMPLEMENTATION CONCEPT:

Tracking the maintenance of websites is essential for ensuring their optimal performance, security, and user experience. By tracking maintenance activities, website owners can address issues promptly, mitigate security risks, and provide

visitors with a positive browsing experience. Tracking website maintenance ensures that the site remains functional, secure, and user-friendly, contributing to its long-term success and effectiveness as an online platform.

Our website facilitates four different user roles: Admin, Developer, Team Lead, and Coordinator. The Coordinator, an authenticated end user, submits requests to include or exclude specific features from various college websites, such as AEC, ACET, AEOC, Pharmacy, and Diploma.

These requests are then assigned to the Team Lead, who delegates the task of modifying the websites to the Developer. The Developer is responsible for implementing necessary changes to both the frontend and backend of the websites. Upon completion of the task, an email notification is sent to the Coordinator who initiated the request.

Throughout this process, the Admin login allows for monitoring of all activities, tracking ongoing tasks, and monitoring progress percentages of current and future requests. Once a request reaches the "Finish" status, an email is automatically sent to the Coordinator to review the changes made via our website.

The core functionality of our website revolves around managing and maintaining a variety of websites listed within our system. It serves as an intermediary between users, specifically coordinators and developers, facilitating communication and task delegation. Additionally, our platform tracks and monitors all changes made to these websites, providing regular updates on the progress and status of tasks to coordinators. Furthermore, our website is responsible for maintaining and organizing the data associated with each website, ensuring smooth and efficient operations.