| Project Proposal |
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| Objective To provide a high-level overview of the web-based application designed to streamline user account management and course registration processes within an educational institution. This application focuses on the education industry, targeting students, staff, and administrators. Primary FunctionalitiesLogin Page Functionality:  * + **Account Sign-Up**: Enable new users to create accounts with distinct roles (students, staff, and administrators). Each user role has specific access privileges and functionalities tailored to their needs, ensuring that all users have access to the appropriate resources and information.   + **Login for Different User Roles**: Implement a secure login system that supports multiple user roles. This feature ensures that students, staff, and administrators can log in and access the system easily, with role-specific dashboards and permissions.  Course Registration System:  * + **Manual Course Registration**: Allow users to register for courses through a dropdown list, providing a straightforward and efficient registration process. This feature aims to simplify the course selection and enrollment process for students, ensuring they can easily choose and register for their desired courses.   + **Future Improvements**: Plan for future enhancements, including API integrations that can automate the registration process and a more advanced user interface. These improvements will further streamline the course registration process and enhance the overall user experience.  Logout Functionality:  * **Session Termination**: Implement a secure logout mechanism to ensure that user sessions are terminated properly. This feature is crucial for maintaining the security and confidentiality of user data, preventing unauthorized access, and ensuring that all session data is cleared upon logout.   ===================================================== Target AudienceStudentsEducational StaffAdmins- IT Department of UniversityWhy NeededImproving Efficiency  * Automating account management and course registration processes to reduce administrative workload and minimize errors.  Enhancing User Experience  * Providing a user-friendly interface that simplifies account sign-up, login, and course registration for students, staff, and administrators.  Ensuring Security  * Implementing secure login and logout mechanisms to protect sensitive user data and maintain the integrity of user sessions.    Laying the Foundation for Future Enhancements  * Establishing a scalable system that can incorporate future improvements, such as * Course Management System – Students can review study materials, submit assignments, review scores, test for plagiarism * Integrated Notification System – Faculty and students can send emails integrated though platform, faculty can send group email to all students enrolled in course.     END |
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