Project Title: BITHACK HACKATHON FORUM

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SEAT NO: 284   **PROJECT ID: 4**

Problem Statement:

Organizing hackathon events often involves challenges like scattered information, difficulty in team formation, and inefficient knowledge sharing. These issues hinder the seamless execution and participation experience.

Idea:

BITHACK aims to centralize and streamline hackathon management. By providing features for event creation, team formation, discussion forums, and real-time updates, the platform will address challenges like scattered information and inefficient collaboration. Organizers can manage events seamlessly, participants can easily join and collaborate, and mentors and sponsors can engage effectively, enhancing the overall hackathon experience.

Project Flow:

Purpose:

To develop a comprehensive event management platform, BITHACK, to address the challenges faced in organizing hackathon events. BITHACK will streamline event management processes, facilitate team formation, and promote knowledge sharing among participants.

Scope:

BITHACK will include features such as event creation and management, team formation, discussion forums, resource sharing, and real-time updates. It will provide a centralized platform for organizers and participants to interact and collaborate effectively.

Business Context:

BITHACK aims to enhance the efficiency of organizing hackathons by providing a user-friendly and feature-rich platform. It targets hackathon organizers, participants, mentors, and sponsors as primary stakeholders.

Consideration:

All users will have access to BITHACK through internet-enabled devices.

Secure user authentication will be implemented using OAuth.

Dependencies:

Integration with third-party services for OAuth authentication.

Reliable performance and availability of the hosting server.

User Personas:

Organizer: Manages event details, monitors progress, and facilitates communication.

Participant: Joins events, forms teams, collaborates with teammates, and accesses event resources.

Mentor: Provides guidance and support to participants during the event.

Sponsor: Supports events financially and seeks opportunities for collaboration.

User Stories:

As an organizer, I want to create and manage hackathon events efficiently, including setting up event details, managing registrations, and monitoring progress.

As a participant, I want to easily find and join hackathon events, form teams with like-minded individuals, collaborate effectively, and access event-related resources.

As a mentor, I want to offer guidance and support to participants, share my expertise, and contribute to the success of hackathon projects.

As a sponsor, I want to discover opportunities to support hackathon events financially, engage with participants, and explore collaboration possibilities.

Functional Requirements:

User Authentication: Secure login using OAuth.

Event Management: Creation, editing, and deletion of hackathon events.

Team Formation: Joining teams, forming new teams, and managing team details.

Discussion Forums: Platform for participants to discuss ideas, seek help, and share resources.

Resource Sharing: Uploading and accessing event-related documents, tutorials, and tools.

Real-time Updates: Notifications and updates on event activities, deadlines, and announcements.

Project Flow: