

**Project Proposal**

**Course Name:** Software Engineering & System Analysis Lab

**Course Code:** CSE 356

**Project Name:**Local Event and Resource Coordination Website

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**Summary/Overview of the Proposed Project:**

The Local Event and Resource Coordination Website is designed to centralize and streamline the management and discovery of local events and resources. It offers an interactive platform for users to find, manage, and engage with local activities and services. Key terms include event management, resource coordination, user engagement, and real-time updates.

**Problem Statement:**

1. **Main Problem:** The lack of a unified platform makes it difficult for residents to find and engage with local events and resources effectively, resulting in missed opportunities for community engagement and inefficient resource use.
2. **Sub Problems/Features:**

I ) Fragmented Information: Local events and resources are scattered across different platforms.

II ) Limited Interaction: Existing platforms often lack interactive features

III ) Resource Management:Organizations face challenges in managing and promoting resources.

**3. Uniqueness:** The website integrates event management and resource coordination into a single, user-friendly platform with real-time updates, interactive community features, and personalized recommendations.

**Objectives:**

**I ) Centralize Information:** Aggregate local events and resources on one platform.

**II ) Enhance Engagement:** Facilitate user interaction with events and resources.

**III ) Streamline Management:** Provide tools for efficient resource management.

**IV ) Improve Accessibility:** Ensure the platform is intuitive and accessible on

various devices.

**Proposed Solution:** The website will include:

**I ) Integrated Calendar:** View events and resources on a single calendar.

**II ) Real-Time Notifications**: Receive updates on events and resources.

**III ) Interactive Boards:** Engage with community boards and feedback systems.

**I V ) Mobile-Friendly Design:** Accessible across all devices.

**Project Methodology :**

**Resources:**

**I ) Team**: Developers, designers, project managers, and marketers.

**II ) Tools:** IDEs (e.g., VSCode), design tools (e.g., Figma), version control (e.g., Git).

**III ) Budget:** Allocation for development, marketing, and maintenance.

**Evaluation:**

**I ) User Feedback:** Collect and analyze user surveys and reviews.

**II ) Performance Metrics:** Track website traffic, engagement, and retention.

**III ) Technical Performance:** Monitor load times and functionality.

**IV ) Impact Assessment:** Evaluate the effectiveness in community engagement.

**Sustainability Plan:**

**I ) Regular Updates:** Schedule periodic updates and new feature releases.

**II ) Technical** **Support:** Offer ongoing support to address technical issues.

**III ) Community Involvement:** Engage users for feedback and contributions.

**Team and Work Distribution:**

A cross-functional team of-

**I )** Software developers

**II )** Designers

**III )** Database administrators

**IV )** Documentation experts

will be assembled. Roles and responsibilities will be clearly defined, and work will

be distributed based on individual skills and expertise.

**References:**

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