**TEAM RHL**

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**Overview**

In today’s fast-paced world, students, professionals, and creative teams often struggle to turn ideas into actionable projects. Despite having access to various tools, there is a lack of a centralized, collaborative platform designed specifically to capture, refine, and execute ideas. As a result, great concepts are frequently lost or remain undeveloped due to the absence of a structured and motivating environment.

This challenge calls for a digital solution that nurtures creativity, encourages collaboration, and allows users to monitor idea development from conception to execution. A platform that supports idea sharing, voting, and feedback can unlock untapped potential across diverse groups of creators, teams, and communities.

**Solving the problem**

To address this gap, we propose **SparkBoard** a lightweight and intuitive **idea board app** designed to support innovation, especially in team-based or academic environments. The app provides a digital space where users can post ideas, vote on others’ submissions, offer feedback, and track progress. By merging simplicity with purpose, SparkBoard becomes a catalyst for creativity and problem-solving.

By using a **basic CRUD system** (Create, Read, Update, Delete), the platform empowers users to interact dynamically with ideas. The added layer of voting, feedback, and status tracking turns simple concepts into evolving projects, enabling users to watch ideas spark into reality.

**Application name: SparkBoard**

**SparkBoard** is a mobile application developed by **RHL INNOVATIONS** to empower students, creators, and collaborative teams to turn ideas into real-world solutions. The app functions as a digital idea board where users can post concepts, challenges, or solutions and interact through voting, commenting, and status tracking. Designed to simplify innovation and encourage creative collaboration, SparkBoard fosters a culture of shared ideation and progress.

By offering a simple and interactive platform, the app transforms raw ideas into evolving projects, making innovation accessible and engaging for everyone. It serves as a digital space where thoughts can ignite, grow, and lead to meaningful impact—perfect for academic teams, startups, and passionate individuals alike.

**Features**

* **Home Feed:** Displays all posted ideas in a scrollable list view.
* **Post an Idea:** Submit an idea with a title, short description, and category (e.g., Tech, Health, Business).
* **Voting System:** Users can upvote or downvote ideas based on potential and relevance.
* **Comment Section:** Users can leave suggestions, feedback, or improvements under each idea.
* **Status Tracker:** Labels like “New,” “In Progress,” and “Implemented” show the development stage of each idea.
* **User Profiles (Optional):** View ideas posted, comments made, and progress tracked by each user.

**Questions about the application;**

### **Who are the potential users?**

The app targets creative individuals, student groups, academic teams, startup collaborators, and professionals looking to capture and develop innovative ideas. These users often work in project-based environments or collaborative settings where idea sharing, and feedback are essential. SparkBoard is designed especially for mobile phone users who want a streamlined platform to manage and grow their ideas in a shared digital space.

### **What tasks do they seek to perform?**

Users aim to post ideas or challenges, vote on others’ contributions, offer comments or suggestions, and track the progress of selected ideas. They want to engage in meaningful dialogue, participate in a community-driven innovation space, and see their contributions move from concept to implementation.

### **What functionality should any system provide these users?**

The system should allow users to easily create, edit, and delete idea posts; upvote or downvote ideas based on potential; and contribute through comments or feedback. It should also track the status of each idea (e.g., New, In Progress, Implemented) and display a feed of top or trending ideas. Optional user profiles and categorization features can enhance discoverability and engagement.

### **What constraints will be placed on your eventual design?**

The application must be responsive and lightweight, optimized for both newer and older mobile devices. It should feature a clean, intuitive interface that supports users with different levels of digital literacy. The system should also work smoothly in varying internet conditions and offer a consistent user experience across platforms (mobile and web, if applicable).

### **What criteria should be used to judge if your design is a success or not?**

**Success will be measured by:**

* **Increase in idea submissions and user engagement** within teams, classes, or communities
* **Growth in the number of active users** and frequency of app interactions (posting, voting, commenting)
* **User feedback** highlighting the app’s ease of use, usefulness, and ability to inspire creativity
* **Successful implementation of ideas** posted through the platform (tracked via status updates)
* **High participation in collaborative features**, such as comment threads and upvotes
* **Retention rates**—users returning to the platform to continue idea development or engage with new ones

Approach: 