Good day, everyone. We are **Team RHL Innovations**, and today we are presenting our project entitled **SparkBoard** — a platform developed to support student teams in managing and refining their ideas through one unified digital space.

### ****WHY – THE MOTIVATION****

### Throughout our academic experiences, we noticed a common issue: many promising project ideas are lost or forgotten. This often happens because students rely on scattered tools such as group chats, meetings, or just memory to manage their ideas.

SparkBoard was developed to solve that. It provides a **centralized space where teams can gather, vote on, and refine ideas**, all in one place. In fast-paced academic settings, students need more than just inspiration — they need a system that supports action.

### ****HOW – IDENTIFYING THE PROBLEM****

We identified several recurring challenges in group work:

Students struggle to **track ideas across multiple platforms**

There’s no integrated way to **vote, comment, or organize input**

Tasks often lose clarity, and some projects **don’t get started at all**

To verify these issues, we conducted:

**Surveys** using Google Forms

**Team interviews** with classmates

Observation of **common group frustrations**

These findings confirmed the need for a streamlined tool for student collaboration.

### ****METHOD****

To assess the concept, we built a **functional prototype** of SparkBoard. It included the essential features:

Posting ideas

Voting and commenting

Tracking project status with labels

We conducted **user testing**, where student participants were asked to complete specific tasks. Their interactions were observed and timed to assess usability and task flow.

After testing, we distributed a **5-point Likert scale survey** to collect structured feedback on ease of use, design clarity, and satisfaction. We also included an open-ended section for suggestions. Survey results were averaged, and we analyzed common themes in user feedback.

### ****RESULT OF THE SURVEY****

**Average Ratings:**

Posting a New Idea: 5.0

Voting on Ideas: 5.0

Commenting Feature: 4.8

Tracking Idea Status: 4.8

Task Completion Without Help: 4.6

Interface Cleanliness: 4.8

Enjoyment in Team Collaboration: 4.4

Willingness to Recommend: 5.0

Confidence Navigating the App: 4.6

The overall average rating was **4.78**.

### ****KEY TAKEAWAYS****

SparkBoard is easy to use and navigate

Most users were able to complete tasks independently

The clean user interface and collaboration features were well-received

### ****RESPONDENTS' RECOMMENDATIONS****

Add **Dark Mode** to reduce eye strain

Include a **Favorites/Saved Ideas** section

Provide a **Quick Start Guide** for new users

Enable **Notifications** for updates

Add **Tooltips** to clarify features

### ****BUILDING THE PROTOTYPE****

SparkBoard is a **collaborative idea board** designed for student teams. It allows users to:

Post ideas

Vote and provide feedback

Track progress using status labels

The layout follows our brand identity, with simple navigation and minimal text. The design goal was to create a user-friendly platform that could be used **without needing a tutorial**, even by first-time users.

### ****PROTOTYPE OBJECTIVE****

The objective of SparkBoard is to provide student teams with a **central, accessible platform** to manage and organize project ideas.

It aims to:

Make collaboration easier

Help users post, vote, comment, and track progress

Support better teamwork, quicker decision-making, and more successful outcomes

### ****PROTOTYPE DESIGN****

The design emphasizes:

Clean layout and intuitive controls

Consistent color scheme and branding

Minimal text and simple navigation

These choices help ensure a smooth experience for users, especially during group discussions or idea development sessions.

### ****HEURISTICS EVALUATION****

We assessed SparkBoard using a **heuristic evaluation approach**.

The prototype met most usability standards:

It delivered a **clean, minimalistic, and intuitive interface**

Participants were able to **navigate core features independently**

Tasks like posting ideas, joining teams, and managing milestones were completed **with little to no guidance**

### ****SURVEY INSIGHTS****

The survey results reflect a **successful design and user experience**. An overall average of **4.78 out of 5** shows strong user satisfaction.

Users responded positively to:

The ease of idea posting and collaboration

The interface’s simplicity and structure

The value of integrated tools for team projects

Minor improvement areas identified included icon labeling and clarity of the status update features.

### ****THANK YOU****

The development and evaluation of SparkBoard demonstrated its potential as a **functional and user-friendly collaboration tool** for student teams.

We appreciate your time and attention. We now welcome your questions and feedback regarding SparkBoard and its future development.