

**SMART INDIA
HACKATHON
2022**

Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation: Government of Gujarat

PS Code: 1609

Problem Statement Title: Implementation of the Alumni Association platform for the University/Institute

Team Name: Codelicious Devx

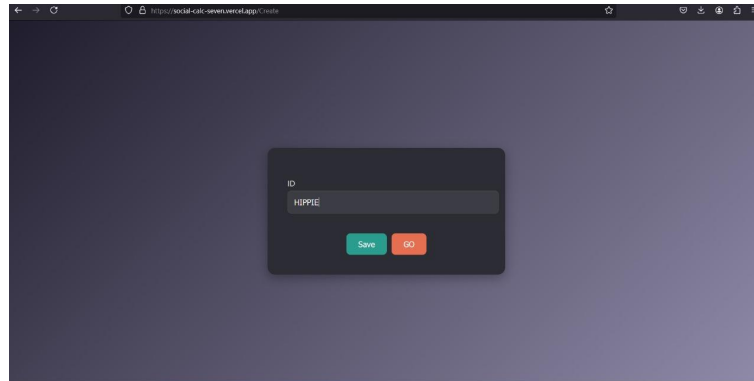
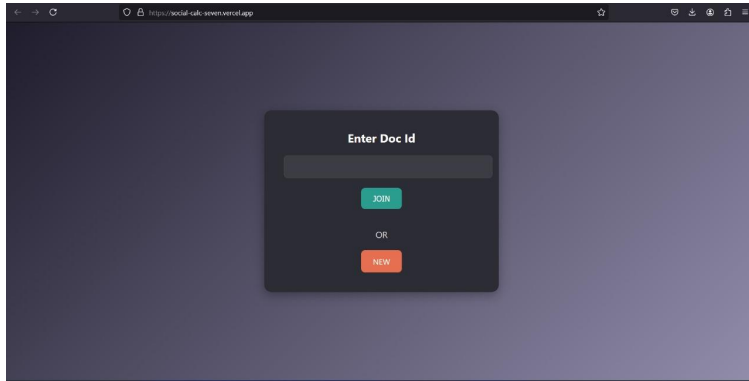
Team Leader Name: Anirudh Prajapati

Institute Code (AISHE): U-1056

Institute Name: Netaji Subhas University Of Technology

Theme Name: Smart Education

Idea/Approach Details

[illegible]

Describe your idea/Solution/Prototype here:

- **Our idea is to create a Google Docs substitute that is designed to be fast and easy to use, incorporating the powerful and familiar functionalities of Spreadsheet. This tool is intended to bridge the gap between document creation and data manipulation, offering users the ability to work collaboratively on documents that include embedded spreadsheet-like features.**

Describe your Technology stack here:

- **React**
- **Socket**

Idea/Approach Details

Describe your Use Cases here

- **Collaborative Document Editing:** Teams can work together on documents in real-time, just like in Google Docs, but with the added speed and efficiency of Excel-like functionality.
- **Data-Driven Reports:** Users can create documents that include embedded spreadsheets for handling data analysis, financial reports, and other data-driven tasks, making it easier to integrate and manipulate data directly within the document.
- **Project Management:** Use it to manage projects by creating detailed project plans, timelines, and task lists, taking advantage of spreadsheet features for tracking progress, deadlines, and resource allocation.
- **Meeting Notes and Action Items:** Create structured meeting notes with sections for discussion points, decisions made, and action items, all while allowing users to input and manage data directly in the document.

Describe your Dependencies

Frontend Framework:

- **React.js:** A modern JavaScript framework for building the user interface, ensuring that it is responsive, interactive, and performs well across different devices and browsers.

Real-time Collaboration:

- **Socket.io:** For enabling real-time updates between users, ensuring that changes made by one user are instantly reflected for others.

Show Stoppers:

Real-time Sync Issues:

- Any lag or inconsistency in real-time collaboration can lead to a poor user experience. If changes made by one user do not instantly reflect for others, it could cause data conflicts and frustration.

Team Member Details

Team Leader Name: Anirudh Prajapati (2022UEA6512)

Branch : BTECH **Stream :** Electronics and Communication (Artificial Intelligence and Machine Learning) **Year :** III

Team Member 1 Name: Anmol Gaur (2022UEA6503)

Branch : BTECH **Stream:** Computer science (Internet Of Things) **Year:** III

Team Member 2 Name: Ojas Sharma (2022UEA6517)

Branch : BTECH **Stream :** Electronics and Communication (Artificial Intelligence and Machine Learning) **Year :** III

Team Member 3 Name: Samarth Mishra (2022UEA6545)

Branch : BTECH **Stream :** Electronics and Communication (Artificial Intelligence and Machine Learning) **Year :** III

Team Member 4 Name: Piyush Kushwaha (2022UEA6551)

Branch : BTECH **Stream :** Electronics and Communication (Artificial Intelligence and Machine Learning) **Year :** III

Team Member 5 Name: Vidooshi Sharma (2022UEA6561)

Branch : BTECH **Stream :** Electronics and Communication (Artificial Intelligence and Machine Learning) **Year :** III