# IITM SWE Project - Team 43 - Frontend Code

This document contains the details about the implementation of the frontend part of the project without being integrated to the backend.

## How to run the Code

1. Download and install node and npm from their website..
2. Open the root folder containing the README file in a terminal.
3. Run npm install to install the necessary packages.
4. Run npm run dev to start the server.
5. Use any valid email and any non-empty password to login.

## Libraries and Frameworks used

* VueJs - JS framework for building the SPA Application.
* TypeScript - For more efficient coding with the help of type hints.
* Vue Router - Library to implement SPA routing in Vue.
* Pinia - For Vue state management.
* ViteJs - For scaffolding the VueJs project.
  + PostCSS - For adding css plugins.
* ESLint - For better code practices.
* Prettier - Formatter to make the code look good.
* shadchan-vue - The UI library used.
* Lucide Vue - The icon library used.
* Google Fonts - CDN used to get the Inter font.
* TailwindCSS - Utility class based css framework for faster styling.
  + Autoprefixer - For adding custom tailwind breakpoints.
* VeeValidate - For form validation
  + Zod - For form validation Schema
* DeepChat - For implementing the chat bot.
* Vitest - For unit testing.
* Playwright - For end to end testing.