

# Core-Marker Design Report

---

By: Jimmy Delgado-Hernandez, Peter Lu, Luke Nguyen, Shiva Shashank Adlagatta

## **Design Description**

### **Libraries:**

We had used libraries such as React and Tailwind to help us perform a asynchronous web application under the styling of Tailwind Library under CSS.

### **Languages:**

We had coded our project under a base of HTML, CSS, and JavaScript, as we coded under the react file extension .jsx as our web application is made as a react vite app.

### **System Setup:**

To be able to run our web application, the user must install git and git clone our project such as “git clone <https://github.com/CS-179K/Core-Marker.git>” onto their terminal. The user must have had their folder routing set up to be able to cd their way into our app so that the path can look like “[User personal pathway]/Core-Marker/core-marker-app”. Once the user has gotten a path similar to “../Core-Marker/core-marker-app”, the user must then be able to run “npm install” so that the user can have Frontend capabilities. Additionally, the user must have a path similar to “../Core-Marker/core-marker-app/Backend” and run “npm install express” so that the user can have Backend capabilities to connect our Database with our Frontend. The user must then open two terminals, one for the Frontend with a path like “../Core-Marker/core-marker-app” to run it with command “npm run dev”, and a second one for the Backend with a path like “../Core-Marker/core-marker-app/Backend” to run it with command “node mongodb.js” to have the web app run as intended.

### **User Interaction:**

Once the User is able to set up our application on their end, the User starts at the Login Page. The Login page is a normal login page with email and password fields to fill in and a “Login” button to actually login into your account. For a first time user, there’s an extra button labeled “Sign up” underneath the Login button that would take them to

the Register page to register their account for the first time. Once filling in the register fields, the app routes the user back to the Login page to Login with their new account. Once the user logs in, they can see the Home page which should display a navigation bar on the top of the page with the user's avatar on the top right along with the logout button. The main Home page displays all the posts any user had been able to create a post for everyone to see in the home page. For a user to create a post, a user must press the "Post" button to fill in the fields to create and share a post with everyone. User's can also send a feedback form by clicking on "Support" on the navigation bar on the top of any page to fill in the form and send the form to us developers. Users can also see their profile page by clicking their username on the top of the page which leads them to their profile page with their personally created posts.

### **Use**

Our Web application is a small social media app for anyone to login and communicate with other users through posts and comments about their life experiences they had gone through in their local communities or elsewhere.

### **Evaluation**

#### **Overview:**

#### **Results:**

#### **Assessment:**

#### **Next Steps:**