STEP : 1

* Open vsCode

mkdir women-safety-reporting

cd women-safety-reporting

npm init -y

* Install **Firebase SDK**:

npm install firebase

* Install **Express.js** (for backend API):

npm install express cors body-parser

* **Step 1: Create a Firebase Project**
* Go to Firebase Console.
* Click **"Add project"** and enter a name for your project.
* (Optional) Enable Google Analytics (you can skip it for now).
* Click **"Create project"** and wait for Firebase to set it up.
* **Step 2: Set Up Firestore Database**
* In your Firebase Console, go to the **Build** section and select **Firestore Database**.
* Click **"Create Database"**.
* Select **Start in test mode** (for development; you can adjust rules later).
* Choose a location (closest to your target users).
* Click **Enable**.
* **Step 3: Set Up Firebase Authentication**
* In the Firebase Console, go to **Build → Authentication**.
* Click **Get Started**.
* Under the **Sign-in method** tab, enable:
* **Google Sign-in**:
* Click **Google**, enable it, and configure any additional options.
* **Anonymous Sign-in**:
* Click **Anonymous**, enable it, and save.
* **Step 4: Get Firebase Config Keys**
* In the Firebase Console, go to **Project Settings** (gear icon on the left sidebar).
* Under the **General** tab, scroll down to **Your apps**.
* Click **Web (</>)** to register a new web app.
* Enter an app nickname (e.g., WomenSafetyApp) and click **Register app**.
* Click **"Continue to Console"**.
* You'll see your **Firebase SDK Config**, which looks like this:
* javascript
* CopyEdit
* const firebaseConfig = {
* apiKey: "YOUR\_API\_KEY",
* authDomain: "your-project-id.firebaseapp.com",
* projectId: "your-project-id",
* storageBucket: "your-project-id.appspot.com",
* messagingSenderId: "your-messaging-sender-id",
* appId: "your-app-id"
* };

STEP 2:

npx create-react-app frontend

cd frontend

npm start

errors :[ cd frontend, npm install --legacy-peer-deps, npm audit, npm audit fix, npm audit fix –force, npm install web-vitals]