**Project - AI Mood Tracker**

***Step 1: Setting Up Development variables***

This step is done to install all required software for the project.

1. Install Node.js (For React Native & Express.js)
   * Node.js allows us to run JavaScript outside a browser. It's required for **React Native (Expo)** and the **Express.js backend**.
2. Install Python (For FastAPI)
   * Python is used for our AI-based features and the FastAPI backend.
3. Install Expo CLI (For React Native Mobile App)
   * Expo makes it easy to build React Native apps.
4. Install Git (For Version Control)
   * Git helps track code changes and collaborate.
5. Install PostgreSQL (For Database)
   * We need PostgreSQL to store mood logs, AI insights, and user data.
6. Install Firebase CLI (For Notifications & Chat)
   * Firebase CLI lets us interact with Firebase services.

***Step 2: Setting Up GitHub & Git for the Project***

This step is done to track changes. Git is a tool for tracking changes, and GitHub is a cloud-based hosting service for git repositories.

***Step 3: Setting Up a React Native App with Expo***

1. Create Expo Project in a Subfolder

***npx create-expo-app mobile***

1. Navigate to the mobile Folder

***cd mobile***

1. Start the React Native App

***npx expo start***

1. Push the Changes to GitHub

***cd ..***

***git status***

***git add .***

***git commit -m "Initialized React Native project with Expo in mobile folder"***

***git push origin main***