I have created an App called Medicine Reminder to help Sunita Sharma.

What is Medicine Reminder app?

The Medicine Reminder App is a specialized application built using the MERN stack (MongoDB, Express.js, React, and Node.js) that helps users manage and track their medication schedule effectively. The app's primary goal is to remind users to take their prescribed medications at the right time and ensure they adhere to their medical treatment plans.

The backend of the app, powered by Express.js, handles the server infrastructure and implements the logic for managing medicine reminders. MongoDB serves as the database, storing medication data. Mongoose is used to establish a connection to the MongoDB database and perform database operations.
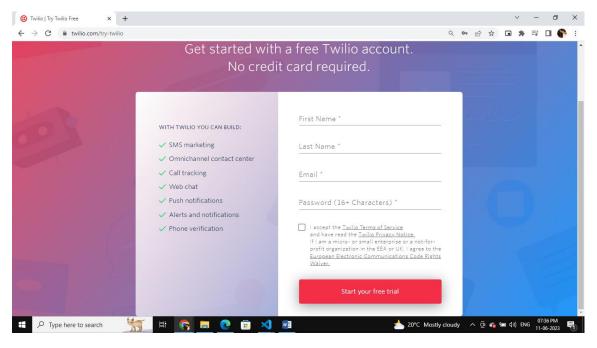
The frontend is developed using React, providing a user-friendly interface for users to input their medication details and view their reminders. Users can enter medication names and the schedule for each medication. The app supports customizable reminder settings, allowing users to set specific times for each reminder.

To enhance medication adherence, the app can integrate with WhatsApp using the Twilio API. When a medication reminder is due, the app sends a WhatsApp notification to the user, reminding them to take their medication at the prescribed time. This feature ensures that users receive reminders directly on their smartphones, increasing the likelihood of timely medication intake.
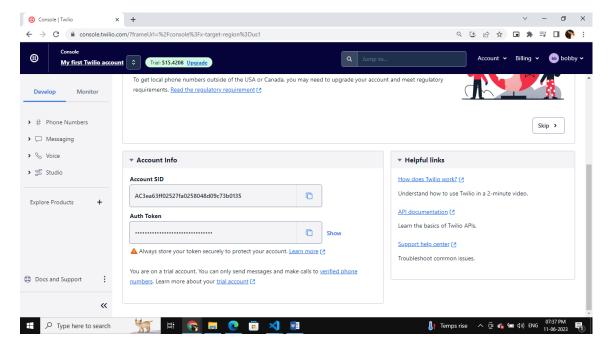
By utilizing the MERN stack, MongoDB for data storage, and incorporating WhatsApp notifications, the Medicine Reminder App empowers users to manage their medication schedules effectively, ensuring they never miss a dose and facilitating better health outcomes.
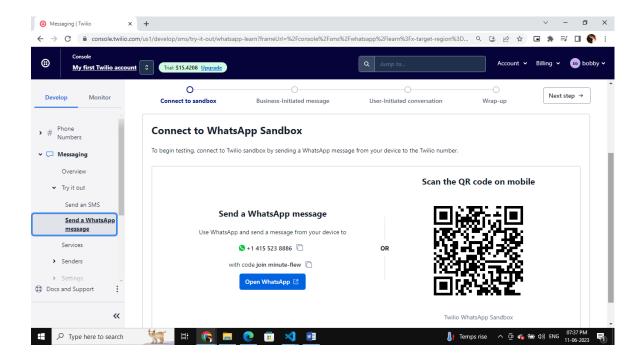
How to Setup Twilio?

- Go to Twilio website
  - Link : https://www.twilio.com/try-twilio
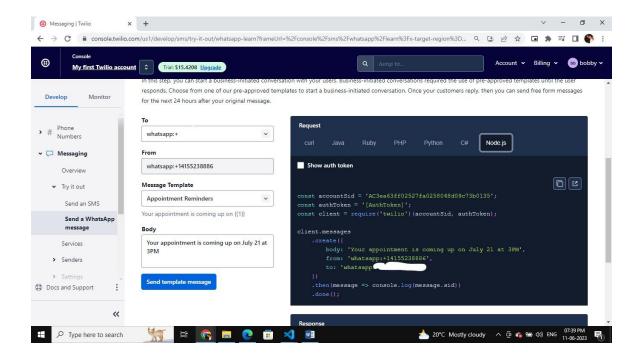- Register yourself on Twilio.

- You will get the
  - ACCOUNT SID & AUTH TOKEN
  - Copy those id and paste in **.env** file at the backend folder.

- Go to messaging >> Try it out >> send a WhatsApp message

- Scan the QR or send the message to give number.
- You will get interface like below image.

How to Setup Mongo DB?

- Download the Mongo DB Community Server from below Link.
  - Link : https://www.mongodb.com/try/download/community

- Open the MongoDB Shell download page.
  - Link : https://www.mongodb.com/try/download/shell

- Extract the files from the downloaded archive.
- Now copy the mongosh file from **mongosh-1.9.1-win32-x64\bin** and paste it to the Mongo DB server bin folder **C:\Program Files\MongoDB\Server\6.0\bin**

- Add the `mongosh` binary to your `PATH` environment variable.
  - Ensure that the extracted MongoDB Shell binary is in the desired location in your filesystem, then add that location to your `PATH` environment variable.
  - To add the MongoDB Shell binary's location to your `PATH` environment variable:

a. Open the **Control Panel**.

b. In the **System and Security** category, click **System**.

c. Click **Advanced system settings**. The **System Properties** modal displays.

d. Click **Environment Variables**.

e. In the *System variables* section, select `Path` and click **Edit**. The **Edit environment variable** modal displays.

f. Click **New** and add the file path to your `mongosh` binary.

g. **FOR EXAMPLE: C:\Program Files\MongoDB\Server\6.0\bin**

h. Click **OK** to confirm your changes. On each other modal, click **OK** to confirm your changes.

To confirm that your `PATH` environment variable is correctly configured to find `mongosh`, open a command prompt and enter the `mongosh --help` command. If your `PATH` is configured correctly, a list of valid commands displays.

OR

WACTH THIS VIDEO FOR MONOGO DB CONFIGURATION

LINK: https://www.youtube.com/watch?v=QpKDVyh6UH8

How to Run?

- Download the Code from GitHub.
- Extract the file in your Computer.
- Open the Backend Folder as Open with VS Code.
- Open a new terminal and run command **"nodemon index.js".**
  - The backend Server will run on localhost: 9000.
- After that Open the Frontend Folder as open with VS Code.
  - The Frontend Server will run on localhost: 3000.
- Open the new terminal in vs code and run command **"npm start".**