How to Run the Code:

Step 1: Unzip the File
- Locate the compressed file and unzip it using your preferred file extraction software.

Step 2: Set Up the PostgreSQL Database
- Ensure PostgreSQL is installed and running on your system.
- Open a terminal or command prompt.
- Access PostgreSQL command line by typing:

  - **psql -U postgres**

- This command logs you into the PostgreSQL interactive terminal with the default 'postgres' user.

- Create a new user with the following command:

  - **CREATE ROLE me WITH LOGIN PASSWORD 'password';**

- Create a new database named 'UIH' and assign ownership to the user 'me':

  - **CREATE DATABASE UIH OWNER me;**

- This command creates a new database named 'UIH' and sets 'me' as its owner.

Step 3: Set Up Tables
- Locate the SQL file for creating tables. It should be within the "dbms_proj" folder.

- In the terminal or command prompt, navigate to the folder containing the SQL file using the cd command:

  - **cd path/to/dbms_proj**

- Run the SQL file in the PostgreSQL command line to create tables within the 'UIH' database:

    o **psql -U me -d UIH -a -f dbexport.sql**

- Replace "dbexport.sql" with the actual name of your SQL file containing table creation queries.

Step 4: Run the Node Server for Backend
- Open your terminal or command prompt.
- Navigate to the 'dbms_proj' directory using the cd command:

    o **cd path/to/dbms_proj**

- Run the Node server by executing:

    o **node server2.js**

- This command will start the server and listen for incoming connections.

Step 5: Start the UI
- Open a new terminal window or tab.
- Navigate to the 'ui_health' directory within the project using the cd command:

    o cd path/to/ui_health

- Run the following command to start the UI application:

    o npm start

- This command will initiate the UI application.

Step 6: Access the Application
- Open a web browser.
- Enter the appropriate URL(http://localhost:3006) or IP address and port number to access the application.

(**Note**: admin login credentials **username** :admin, **password**: admin)

You should end up with the below page,

← Back

Add New Nurse

Enter Nurse details to register.

First Name

Middle Name

Last Name

Employee Id

Age

Gender

Address

Phone Number

User Id

Password

REGISTER

Add New Patient

Enter Patient details to register.

First Name

Middle Name

Last Name

SSN

Age

Gender

Address

Phone Number

Occupation Class

medical_history

Eligibility Status

UI Health

UI Health   Nurse   Vaccine   Patients   Open Time Slots   LOG OUT

Select an option

9:00 am to 10:00 am
10:00 am to 11:00 am
11:00 am to 12:00 am
12:00 am to 1:00 pm
2:00 pm to 3:00 pm
3:00 pm to 4:00 pm

Date

mm/dd/yyyy

Submit

Open Time Slots

DATE	TIME	MAX CAPACITY
2023-11-29	9:00 am to 10:00 am	100
2023-11-29	12:00 am to 1:00 pm	100
2023-11-30	4:00 pm to 5:00 pm	100

UI Health   Nurse   Vaccine   Patients   Open Time Slots   LOG OUT

Add New Vaccine

NAME	COMPANY NAME	NO DOSES	DISCRIPTION	AVAILABILITY	ON HOLD		
vaccine1	cavvini	4	No Dis	100	0	Edit	Delete

UI Health

Nurse   Vaccine   Patients   Open Time Slots

LOG OUT

Add New Vaccine

Add New Vaccine
Enter Vaccine details.

Name

Company Name

Number of Doses

Discription

Availability

On Hold

REGISTER