1. **System Requirements:**
   * Ensure that Node.js, MongoDB, and Visual Studio Code are installed on the system.
2. **FrontEnd Setup:**
   * In Visual Studio Code, open the "FrontEnd" folder.
   * Open the terminal in Visual Studio Code (View → Terminal).
   * Run the following command in the terminal:

**npm install**

* + This command will install the necessary dependencies for the frontend.

1. **BackEnd Setup:**
   * In Visual Studio Code, open the "BackEnd" folder.
   * Open another terminal in Visual Studio Code (View → Terminal).
   * Run the following command in the new terminal:

**npm install**

* + This command will install the necessary dependencies for the backend.

1. Starting the Application:
   * Keep both the frontend and backend terminals open.

Frontend:

* + In the frontend terminal, run the following command:

**npm start**

* + This command will start the frontend server, and the application will be accessible at a specified URL.

Backend:

* + In the backend terminal, run the following command:

**npm run dev**

* + This command will start the backend server.

1. Accessing the Application:
   * Once the servers are running,
   * The login page of the Hospital Management System will appear.
2. Logging In & Testing the System:
   * To log in as an admin, select the "Admin" option.
   * Enter the following credentials:
     + Username: [admin@gmail.com](mailto:admin@gmail.com)
     + Password: admin123
   * Click on the "Doctor" option in the menu to access the doctor-related functionality.
   * Then create a Doctor from that Page.
     + Log out from the admin account.
     + Sign up as a patient and book an appointment.
     + Log in as a doctor (which you created) to view the appointment details.
3. **Other User Credentials:**
   * Pharmacist:
     + Username: [pharmacy@gmail.com](mailto:pharmacy@gmail.com)
     + Password: pharmacy123
   * Blood:
     + Username: [blood@gmail.com](mailto:blood@gmail.com)
     + Password: blood123
   * Lab:
     + Username: [lab@gmail.com](mailto:lab@gmail.com)
     + Password: lab123
   * Medical Ward:
     + Username: [medical@gmail.com](mailto:medical@gmail.com)
     + Password: medical123