Patient/User App.

Wellkies lets people connect to a doctor easily for an in-person consultation. Its revolutionary features help cut the queue in clinics, hospitals, and healthcare centers, making it easy for people to consult with doctors easily without wasting any time.

Overview

A Patient/user app where a patient/user can easily book their appointment through this online booking application. Healthcare app development is the process in which a smartphone app is created mainly for healthcare and wellness. These could help a person manage their disease better or even guide enthusiasts toward their wellness goals. Furthermore, such applications can also be directed towards healthcare professionals, just as they can for patients. With the recent technological advancements in healthcare application development, medical apps for patients are empowered to deliver higher-quality services

Technology

Visual Studio, Android Studio, X Code, React Native, Postman, RestAPI, Gradle, Chocolately.

Packages

Redux, Axios, Razorpay, i18, etc.

Benefits

A user-friendly application where no need to waste your time in a queue just take your phone and book an appointment with your trustworthy doctor in your location.

With this healthcare application, it has become easier for patients to compare the costs of multiple providers and choose an affordable option with minimal costs. The next biggest advantage is easy accessibility to patient engagement systems to provide critical care on time for patients.

* Immediate Access to Care – Anytime, anywhere!

* Minimize Risks of Misdiagnosis

* Improved Patient Engagement

* Hassle-free Payments

* Improved Prescription Alerts

* Enhanced Data Management

* Patient care by licensed practitioners and doctors.

Project Description

A Patient application where a Patient can book an appointment by choosing symptoms, department, or many other criteria. Also, a patient can easily consult a doctor they are looking for. By using the required packages A healthcare application is available both in the **Android** store and the **Apple** store.

Project Structure

1. A complete **React Native** project where we are using **MongoDB** as the database Integrating the code and functionality of React Native in **Visual Studio**. React Native lets you build mobile apps using only **JavaScript**. It uses the same design as **React**, letting you compose a rich mobile **UI** from declarative components. React Native supports **IOS** and **Android** platforms. For **API** integration we use **Redux** for better data security. For language translation we use **react-i18next.** Used **CRUD** operations to add, update, view, and delete patient data by using **API** integration.
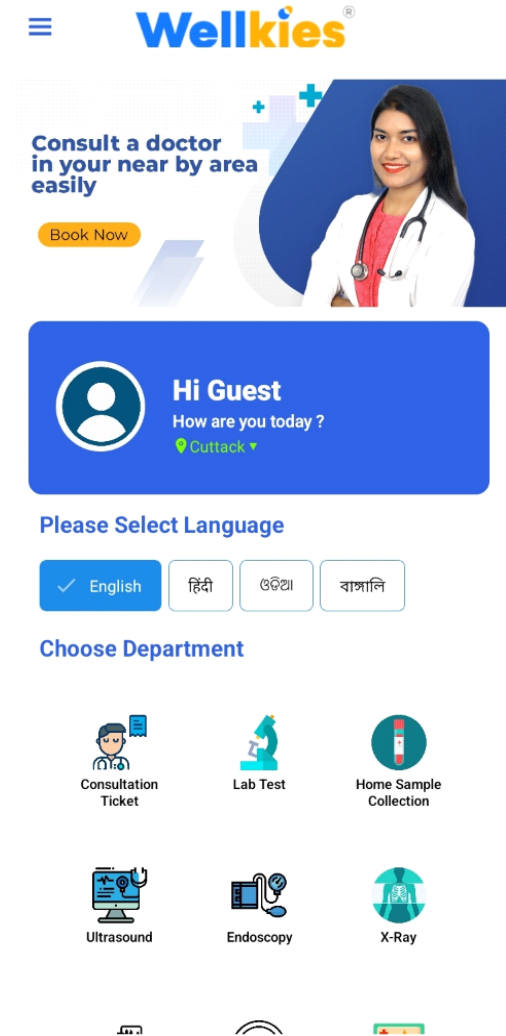
2. First patients have to register themself by giving their details using front-end functionalities with proper validation using **JavaScript**. And by using **MongoDB** we are storing that data in our backend. The patient got **OTP** in their device with a registered number. After successfully registering patient got the successfully registered message through **email** and **sms** as a valuable user.
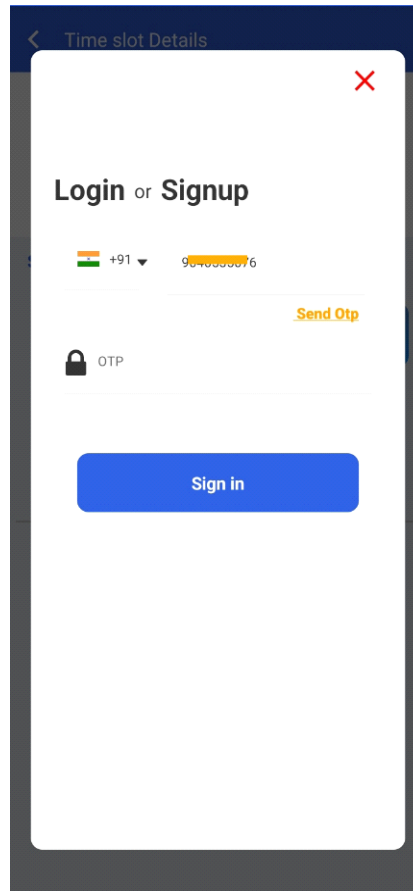
3. After logging in as a valid user the patient can book the appointment with their respective and required doctor. To book an appointment patient has to go through the consultation ticket. Patients can select doctors as per location whichever ever convenient to them. **Patients can select the appointment for themselves or any other family members as per their requirements. Where the patient can choose the preferred time and date on which day they want to consult the doctor. For timing structure, we use proper validation, and the time format details are managed by the backend using **MongoDB.** All those functions are done by using **React Native** functionalities with proper validation by using **JavaScript**. And all the information of patient details with their booking details we are storing in the database using **MongoDB.** The same flow continues for the Radiology test. As per the required test, the patient can book an appointment. After booking got a successful message through **email/sms by** using sms services**.
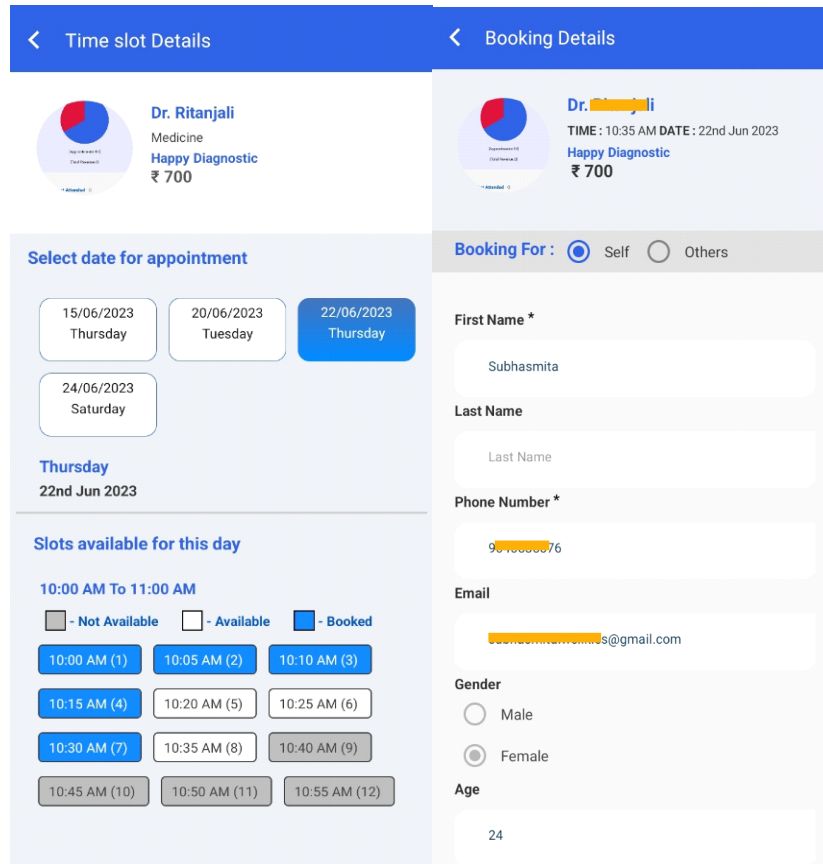
4. After booking the appointment patient can easily get in touch with their appointment details by selecting the side drawer of the application. Those data are coming from the **database.** According to the booking details, the Patient can select the menu to see the details. For selecting the menu we used the **createDrawerNavigator** package.
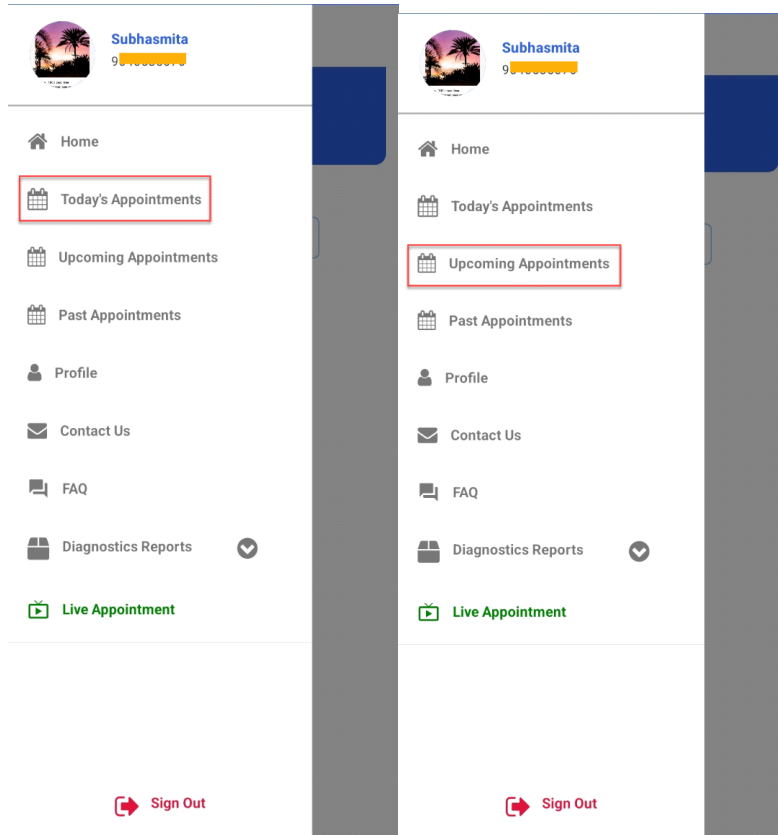
5. User can reschedule the appointment by selecting the reschedule menu from the patient details where time management is handled from both sides. Structural data is managed by **React Native** functionality and the dais ta managed from the database. After rescheduling patient got the notification through **sms/email**
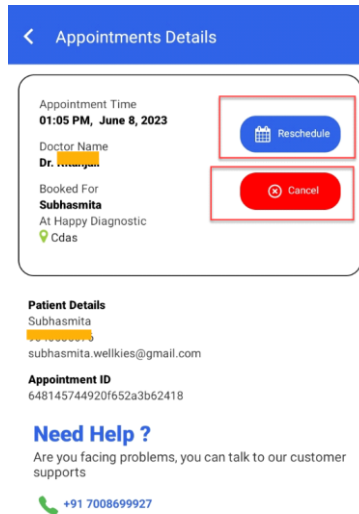
6. Patient can see their prescription after the consultation is over by the Doctor. The prescription image got uploaded by Doctor & Patients can get their prescription from the patient details page. Where by using the **GestureHandler** package patient can properly view the prescription image.

7. Patients can contact us by sending the query through their registered email or phone number.