Project Topic: Virtual Health App

Abstract

These healthcare startups are using Python frameworks to build applications and platforms to ease patient care and treatment systems. Uses computer vision and pill recognition technology to monitor patients’ response to treatment. The way they put it is they use AI to “see, hear, and understand how patients respond to treatment.” The interactive medical assistant, built with Django and custom Python-based coding, collects data from audio and visual interactions with patients to determine their adherence to treatment and predicts possible treatment failures.

Module Description

1. Admin/Hospital
   1. Login
   2. Manage doctors
   3. Manage rooms
   4. Manage patients
   5. Manage pharmacy
   6. View doctors prescriptions
   7. View delivery status
2. User/Patient

* Sign In
* Sign Up
* Video conferencing with telemedicine
* Search
* Listing
* Booking
* E-prescription
* Share Your Progress
* Feedback

1. Doctor

* Sign Up
* Sign In
* Share Your Progress
* Prescription
* Custom Notification
* Video conferencing with telemedicine
* Login
  + login\_id
  + Username
  + Password
  + Usertype
* Doctors
  + doctor\_id
  + first\_name
  + last\_name
  + Qualification
  + Phone
  + Email
* Rooms
  + room\_id
  + room\_name
  + room\_status
* Patients
  + patient\_id
  + room\_id
  + first\_name
  + last\_name
  + Age
  + Gender
  + Phone
  + Email
  + Description
* Pharmacy
  + pharmacy\_id
  + login\_id
  + Phone
  + Email
* Medicines
  + medicine\_id
  + medicine\_name
  + Description
  + Availability
  + Price
* prescriptionMaster
  + pm\_id
  + doctor\_id
  + patient\_id
  + Date
  + delivery\_status
* PrescriptionDetails
  + pd\_id
  + pm\_id
  + medicine\_id
  + Quantity
* Feedback
  + Feedback\_id
  + User\_id
  + Feedback
  + Datetime

Data flow Diagram







