

## 1.1. RESULTS

**Figure 4-** Basic layout of our project



The screenshot shows a web application window titled "Patient Appointment Form". On the left is a cartoon illustration of a female doctor with dark hair, wearing a white lab coat and a stethoscope, holding a clipboard. The main area has a dark blue background with a white header bar that says "Online Consultation - VIGNAN Hospital". Below the header, there are five input fields with labels: "FullName", "Email", "Gender", "Age", and "Symptoms". To the right of each input field is a green button with the same label. At the bottom center is a red "Submit" button.

**Figure 5-** Patient filling up his details



The screenshot shows the same web application window as Figure 4, but with the input fields filled with patient details. The "FullName" field contains "Ganesh", the "Email" field contains "cmturner@gmail.com", the "Gender" field contains "Male", the "Age" field contains "25", and the "Symptoms" field contains "Cold,Headache,Fever". The green buttons to the right of the input fields are still labeled "Name", "Email-ID", "Gender", "Age", and "Symptoms". The red "Submit" button is at the bottom center.

**Figure 6-** The patient receives an acknowledgement that consultation is successful after he submits his details

Online Consultation - VIGNAN Hospital

Fullname: Ganesh

Email: cmturmar@gmail.com

Gender:

Age:

Symptoms:

Submit

Consultation with doctor is successful

**Figure 7-** Registered patient information stored in a database that can be viewed by the doctor

DB Browser for SQLite - D:\Voice Prescription PBL\Form.db

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database

Database Structure Browse Data Edit Pragma Execute SQL

Table: Patient

	Fullname	Email	Gender	Age	Symptoms
1	Ganesh	cmturmar@gmail.com	Male	25	Cold,Headache,Fever

Go to: 1

SQL Log Plot DB Schema Remote UTF-8

## Doctor Module

**Figure 8-** Basic layout of doctor module

The screenshot shows the 'VIGNAN Hospital' doctor module interface. At the top left, there's a header with the hospital name and logo. Below it, a patient information section includes fields for Patient Name, Age, Gender, Date (04/12/2020), and SL No. To the right, there's a login section with fields for Doctor's mail id and Doctor's password, and a 'Send' button. The main area is divided into two columns. The left column has fields for Symptoms, Diagnosis, and Advice, followed by a table for medicines. The table has columns for Medicine, No.s, Af/Bf, and Time. The right column has fields for Name, medicines, Quantity, Af/Bf, Time, diagnosis, advice, and signature, each with a corresponding green button (name, medicines, Quantity, Af/Bf, Timing, diagnosis, advice). At the bottom right, there are 'Submit Prescription' and '--- SAVE ---' buttons.

Medicine	No.s	Af/Bf	Time
		BF	111

**Figure 9-** User manual that will open when doctor clicks on 'help' in menubar of doctor module

The screenshot shows a 'USER MANUAL' dialog box with a close button (X) in the top right corner. It contains an information icon (i) and three numbered steps: 1. click on the button that u want to fill the field. eg: name, age, advice, etc... 2. click on save button after completion of writing prescription. 3. enter mail and click on send button to select file and send. An 'OK' button is located at the bottom right.

**USER MANUAL**

- 1. click on the button that u want to fill the field. eg: name, age, advice, etc...
- 2. click on save button after completion of writing prescription.
- 3. enter mail and click on send button to select file and send.

OK

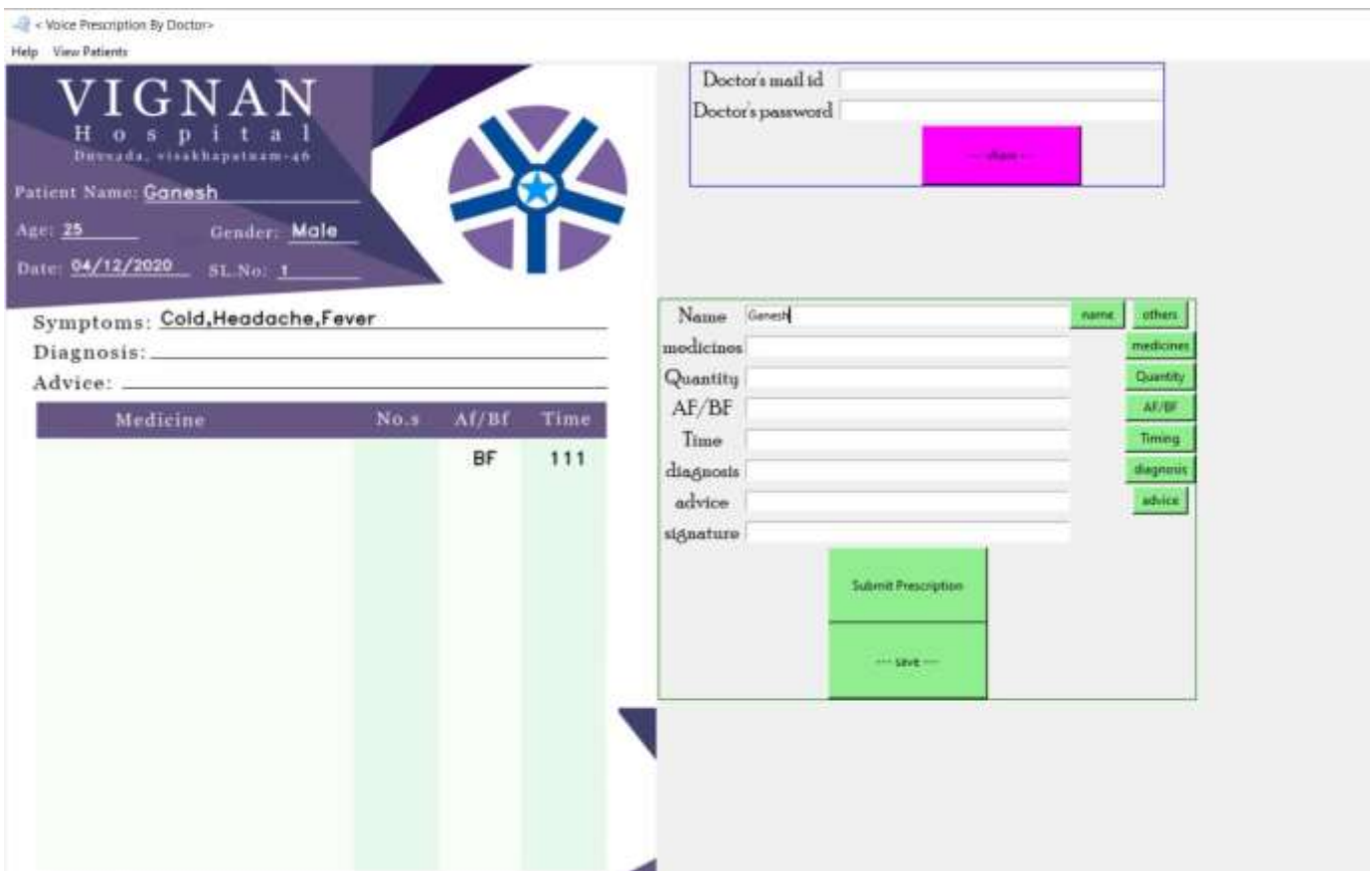
**Figure 10-** Doctor can view patient records who had booked consultancy when he clicks on ‘view’ in menubar



The screenshot shows a window titled "Viewing Patients Appointment". Inside, there is a table with the heading "Patient Records". The table has five columns: FullName, Email, Gender, Age, and Symptoms. One patient record is displayed: Ganesh, cmturmari@gmail.com, Male, 25, Cold,Headache,Fever.

FullName	Email	Gender	Age	Symptoms
Ganesh	cmturmari@gmail.com	Male	25	Cold,Headache,Fever

**Figure 11-** Doctor should fill up the name of the patient using voice command. Automatically, the other details of the patient which include gender, age and symptoms are displayed on the prescription slip when we click on the ‘others’ button



The screenshot shows the "Voice Prescription By Doctor" interface. On the left, there is a header for "VIGNAN Hospital" and patient details for Ganesh, age 25, male, dated 04/12/2020, with symptoms of Cold, Headache, and Fever. On the right, there is a login section for the doctor's mail id and password, and a prescription form. The prescription form has a "Name" field with "Ganesh" entered, and a "name" button. Below this are fields for "medicines", "Quantity", "AF/BF", "Time", "diagnosis", "advice", and "signature". To the right of these fields are buttons for "medicines", "Quantity", "AF/BF", "Time", "diagnosis", and "advice". At the bottom right, there are "Submit Prescription" and "Save" buttons.

**Figure 12** - The Doctor will fill in the details like the medicine, quantity, Timings of the medicine to be taken, advice, diagnosis of the disease and prescribe the medicine and will convert to pdf by saving it.

< Voice Prescription By Doctor >

Help View Patients

**VIGNAN**  
Hospital  
Buvvada, visakhapatnam-46

Patient Name: Ganesh

Age: 25 Gender: Male

Date: 04/12/2020 SL No: 1

Symptoms: Cold,Headache,Fever

Diagnosis: Viral Fever

Advice: Please drink warm water

Medicine	No.s	Af/Bf	Time
Crocin	5	AF	101

Doctor's mail id:

Doctor's password:

Save

Name: Ganesh name others

medicines: Crocin medicines

Quantity: 5 Quantity

AF/BF: AF AF/BF

Time: 101 Timing

diagnosis: Viral Fever diagnosis

advice: Please drink warm water advice

signature: Chaitanya

Submit Prescription

Save

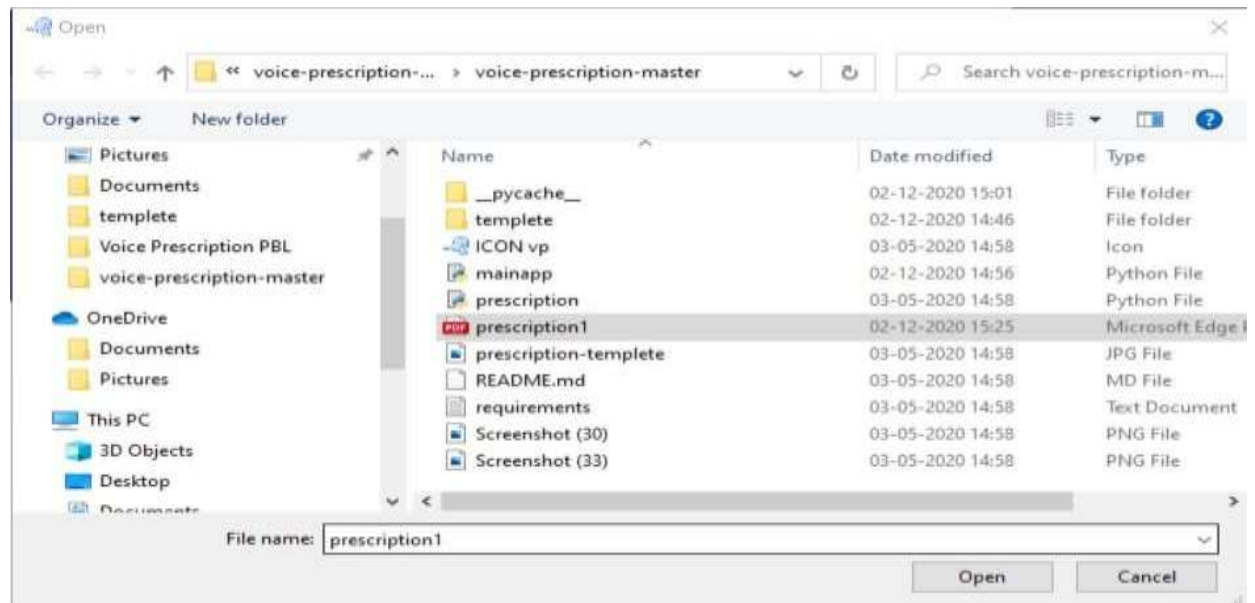
**Figure 13**- Doctor gives his e-mail id and password and send the prescription saved in his system to patient via e-mail. The e-mail of the patient will be automatically available from the database and doctor need not enter it manually. Thus, making the system more friendly.

Doctor's mail id: chaitanyamanojt@gmail.com

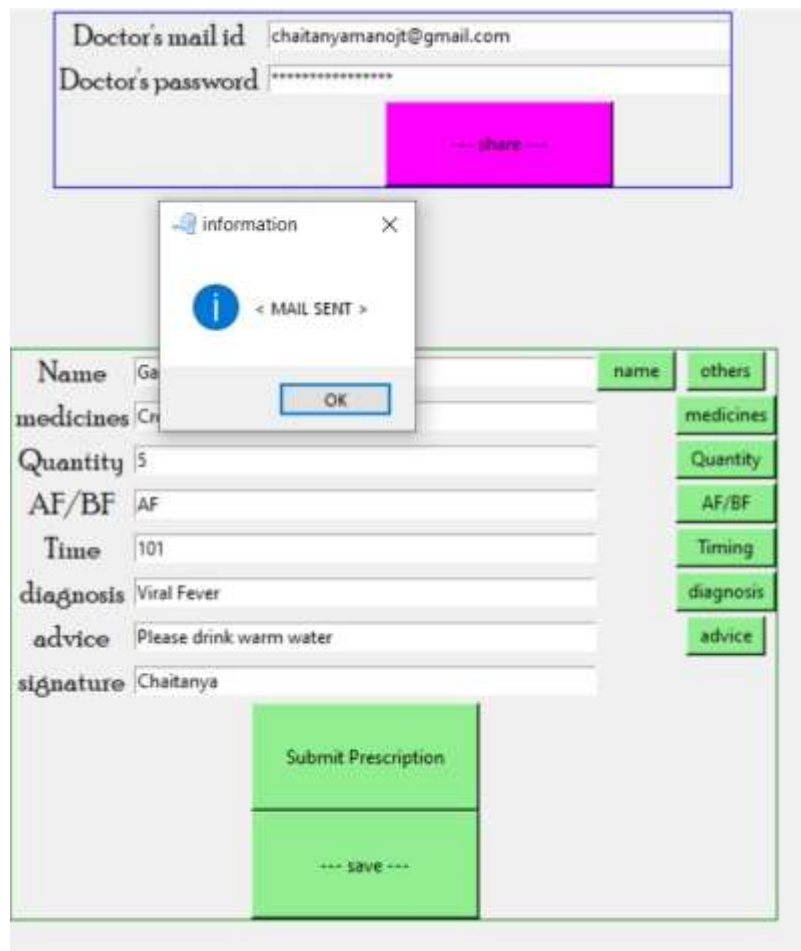
Doctor's password: \*\*\*\*\*

Save

**Figure 14-** Prescription saved in doctor's system for future reference



**Figure 15-** Doctor receives acknowledgement when the mail is sent

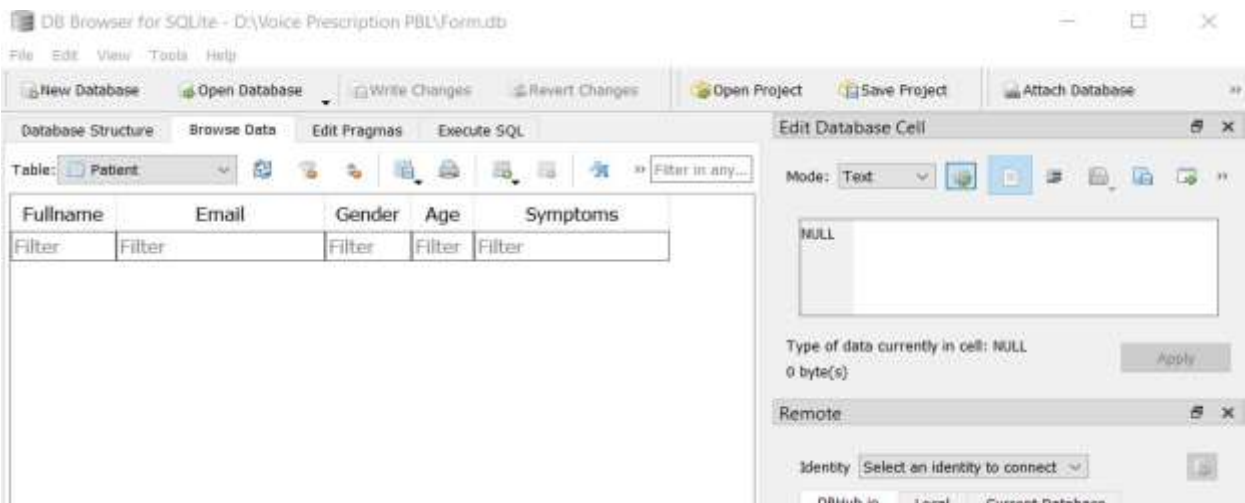




**Figure 16-** Registered patient's record gets deleted when doctor gives the online prescription to the particular patient and will no longer be able to view the patient's records.



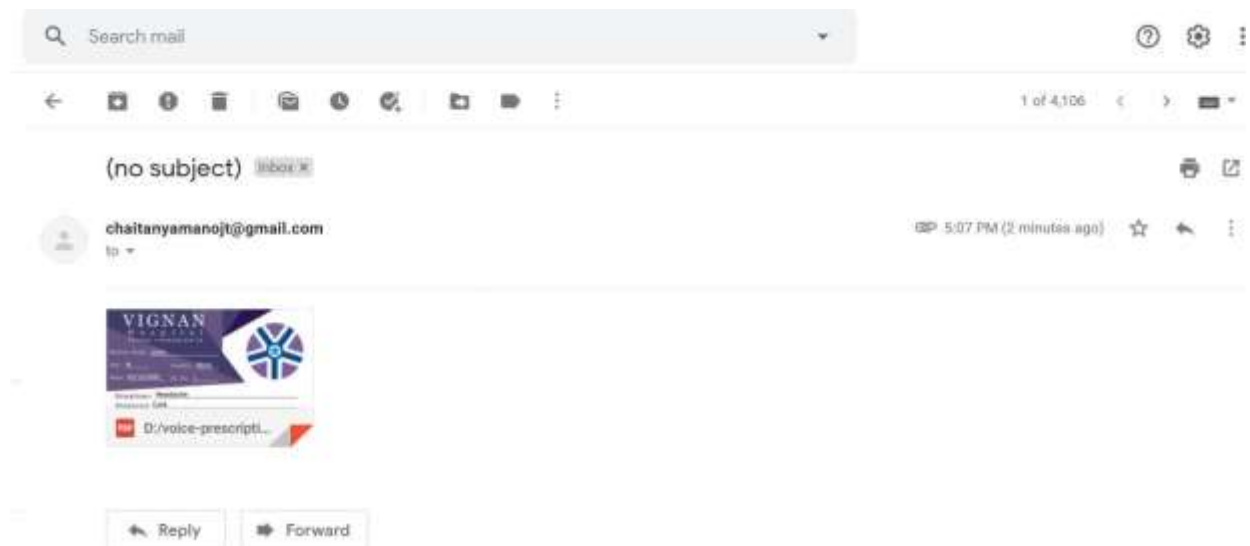
**Figure 17-** Registered patients record will get deleted from the database after having given the prescription



**Figure 18-** Patient receives the e-mail of the prescription



**Figure 19-** Prescription received from doctor's mail



**Figure 20-** Prescription pdf received by patient

**VIGNAN**  
Hospital  
Duvvada, visakhapatnam-46

Patient Name: Ganesh

Age: 25 Gender: Male

Date: 03/12/2020 SL.No: 1

Symptoms: Cold,Headache,Fever

Diagnosis: Viral Fever

Advice: Please drink warm water

Medicine	No.s	Af/Bf	Time
Crocin	5	AF	101

Doctor's Signature: Chaitanya



**Figure 21-** About the Voice Prescription System

