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**<Medical contact>**

**Requirement Specification**

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**Overview**

* This is a system to provide necessary support and contact between medical professionals (Especially Doctors) and patients.
* System will help doctors store details of the new patients.
* Doctors can access record of medical history of patients to make more informed decisions on medication.
* Doctors can do follow-up with the patients.
* Patients can request for refill of medications time to time.
* Patients can connect with doctors directly through messaging.

**Functional modules**

* **Admin-Side**

1. **Home**

* This is the dashboard of the system. This will show the overview of below two things.
  + Refill Requests (Count)
  + New patients/day (Count)

**B.** **Follow-Ups**

* This is the section with details of patients to do the follow-up.
* It will remind doctors to do follow-up with patients time to time.

**C.** **Prescriptions notify**

* Whenever a patient makes refill request to doctor, It will be visible to admin-side on this section.
* Patients with refill request not accepted will only be visible.
* Once the doctor approves the request. Record will be moved to ‘Approved requests’ section.
* Details about prescription,

- Request time

- Note (If added)

* Doctor can approve the ‘Refill Request’ from here.

**D.** **Messages**

* Module to have conversation with patients.
* Details Included,

- Subject of message

- Name of Patient

- Date of message

**E.** **Patients Overview**

* This is the main section of the system with all the details of patients at one place.
* It has several Sub-Modules,
  + - * 1. Patient Chart
        2. Clinician Notes
        3. Prescriptions
        4. Follow-Ups
        5. Messages
* This module have list of all the patients, from which admin can look at individual patient’s details.

**1. Patient Chart:**

- This is the section with complete details of the patient.

- It will showcase patient’s personal details, Diagnostics details,

Medications history.

- It will showcase one attached document submitted by patient.

**2. Clinician Notes:**

- Admin can add note of a patient regarding medical record,

Disease or medications.

- Note can be added separately for each patients.

**3. Prescriptions:**

- Prescription history of the individual patient will visible here.

- Each prescription will show the date and time of request.

- If there are some Unapproved request present then admin can

‘Approve’ it from here.

**4. Follow-Ups:**

- Admin can set future follow-up for patients.

**5. Messages:**

- Individual patient’s chat history will be visible here.

- Admin can also chat with patient from this section.

**F.** **IVR (Interactive Voice Response)**

* Admin can set IVR questions from this module.
* Patient’s complete details will be store in the system through IVR responses.
* When patients answers the IVR call. The system will convert the voice details into Text and store it in the system through Speech-Recognition.

* **User-Side**

**A.** **Login**

* Registered user will need to login to the system through,

Registered number and OTP.

* New Patients will need to go through the IVR call to get registered.

**B.** **Refill Request**

* Patient can send refill request to doctor through this module.
* Patient can add specific note with the request to add context to refill request.

**C.** **Messaging**

* This is the module where patient can send message to the doctor.
* Conversation between doctor and patient will be done through this.