Patient Demographics

# Introduction

This project is for Patient and Doctor Communication. This project helps in one big problem where Patient needs to carry all their previous reports to doctor every time when they visit. There are many chances where they can lost some of the reports which are necessary somewhat or forgot to bring.

Here we have introduced our system which can help them. All the reports of Patients will be stored on cloud and either patient or doctor can access those reports any time whenever needed. This will help Patients to not to carry reports with them.

This will also help in situation where patient has moved from one location to another or changed/ transferred the doctor. Here, doctor or patient can share their respective files.

# Structure

1. There will be a website and app with a login option.
2. There should be login with multiple roles including Patient, Doctor, Hospital, lab supervisor etc.
3. All the details should be stored with unique ID which include finger prints or eye recognition or Aadhaar Card.
4. Here all the doctor reports, lab reports and prescription (including X-Ray & other reports) will be stored for a patient. This will be get with the patient's Aadhaar card or name or other info.
5. Doctor or lab supervisor can store the documents to respective patient.
6. All the respective parties might have access to add, download, upload or delete the patient's demographic record.

# Patient Dashboard

Note: This will be accessible to all the Login roles.

1. Patient Dashboard will be open when
   1. Patient logged into system.
   2. Doctor/lab supervisor selects the respective patient.
2. On Patient Dashboard, there will be couple of tabs which include Basic Information, Disease Details, Patient Reports (Doctor Prescription, Lab Reports or any other patient document)
3. On Patient Dashboard, system will display patient's basic information which includes Patient Photo, Name, DOB, Gender, City - Country, ethnicity, Blood Group. However finger print or Aadhaar card will be only displayed to Admin/Super user.
4. On the Disease Details tab, it should display details related to all disease details which patient have in reverse chronological order (latest first).
5. Here, Doctor can have option to write some information.
6. In the Patient Report tab, it will show all the patient's reports in reverse chronological order.
7. Here user has option to upload or download respective reports.
8. There will also be an option to share the reports with other doctors listed in the same group or channel.

# Doctor Dashboard

1. This screen can be accessible by login with Doctor, Associated Hospital or HOD role.
2. On the Doctor Dashboard main screen, it will show details of Doctor which includes Image, Doctor's name, age, DOB, Blood Group, Department, Type of Doctor, associated Hospital (chain) and Address.
3. There will be another tab where Doctor can have option to add, associate or un-associate any patient.
4. On Click of patient, it redirects to that patient's dashboard.
5. //There will be a report tab, where Doctor can view or add/delete patients reports which include prescription, lab reports or other reports.
6. There will be a tab, where Doctor can refer/share Patient or data to other doctors for feedback or share.
7. The same Doctor Dashboard with limited permission is accessible by Nurses login

# Nurses

1. This screen can be accessible by login with Doctor, Associated Hospital or HOD role.
2. On the Doctor Dashboard main screen, it will show details of Doctor which includes Image, Doctor's name, age, DOB, Blood Group, Department, Type of Doctor, associated Hospital (chain) and Address.
3. There will be another tab where Doctor can have option to add, associate or un-associate any patient.
4. On Click of patient, it redirects to that patient's dashboard.
5. //There will be a report tab, where Doctor can view or add/delete patients reports which include prescription, lab reports or other reports.

# Hospital Dashboard

1. This screen can be accessible with special users Hospital Admin.
2. Hospital Users can view data of the Doctors, Nurses or Patients data.
3. On This screen, can add/update/delete Doctors, Nurses or Patients data.

# Lab Supervisor

1. This screen can be accessible with Lab Supervisor
2. Lab supervisor can view Patient's data with only view permission.
3. Lab supervisor can **view** Doctor's prescription in Patient's repots tab.
4. And based on the prescription, lab assistant or supervisor can **upload** reports.

|  |  |  |  |
| --- | --- | --- | --- |
| Super User |  |  |  |
| Admin User |  |  |  |
| Hospital | Can view Doctor, Patient Data | Can Add/Update/Delete Doctors and their records |  |
| HOD |  |  |  |
| Doctors | Can view associated Patient's data | Can associate patients | Can upload, download Patient demographics |
| Nurses | Can view associated Patient's data | Can associate patients | Can upload, download Patient demographics |
| Lab Supervisor |  | Can associate patients | Can upload, download Patient demographics |
| Pharmacist |  | Can associate patients | Can upload, download Patient reports |
| Patient | Can provide feedback on Hospital, Doctors, Labs etc. |  | Can view or download his/her reports |