FRONTEND DOCUMENTATION

```
START
  │
  ▼
Role Login ──→ Select Doctor ──→ Home Screen -
Screen                            doctor
  │                                 │
  │                                 ├──→ add test Patient
  │                                 │
  │                                 ├──→ Patient Overview
  │                                 │    Screen
  │                                 │
  │                                 ├──→ Outbreak Alerts
  │                                 │    Screen
  │                                 │
  │                                 └──→ Evaluate Risk
  │                                      Screen/ Dialog
  │
  └──→ Select Nurse ──→ Home Screen -
                        Nurse
                          │
                          ├──→ add test Patient
                          │
                          ├──→ Log Movement
                          │    Screen
                          │
                          ├──→ Log Equipment
                          │    Usage Screen
                          │
                          ├──→ Log contact event
                          │    screen
                          │
                          ├──→ Add Clinical Data
                          │    Screen
                          │      │
                          │      ├──→ Patient Details Form
                          │      │
                          │      ├──→ Vital Observation form
                          │      │
                          │      ├──→ Comorbidities Form
                          │      │
                          │      ├──→ MDR History Form
                          │      │
                          │      └──→ Add Clinical Data Screen
                          │
                          └──→ Sync to cloud
```
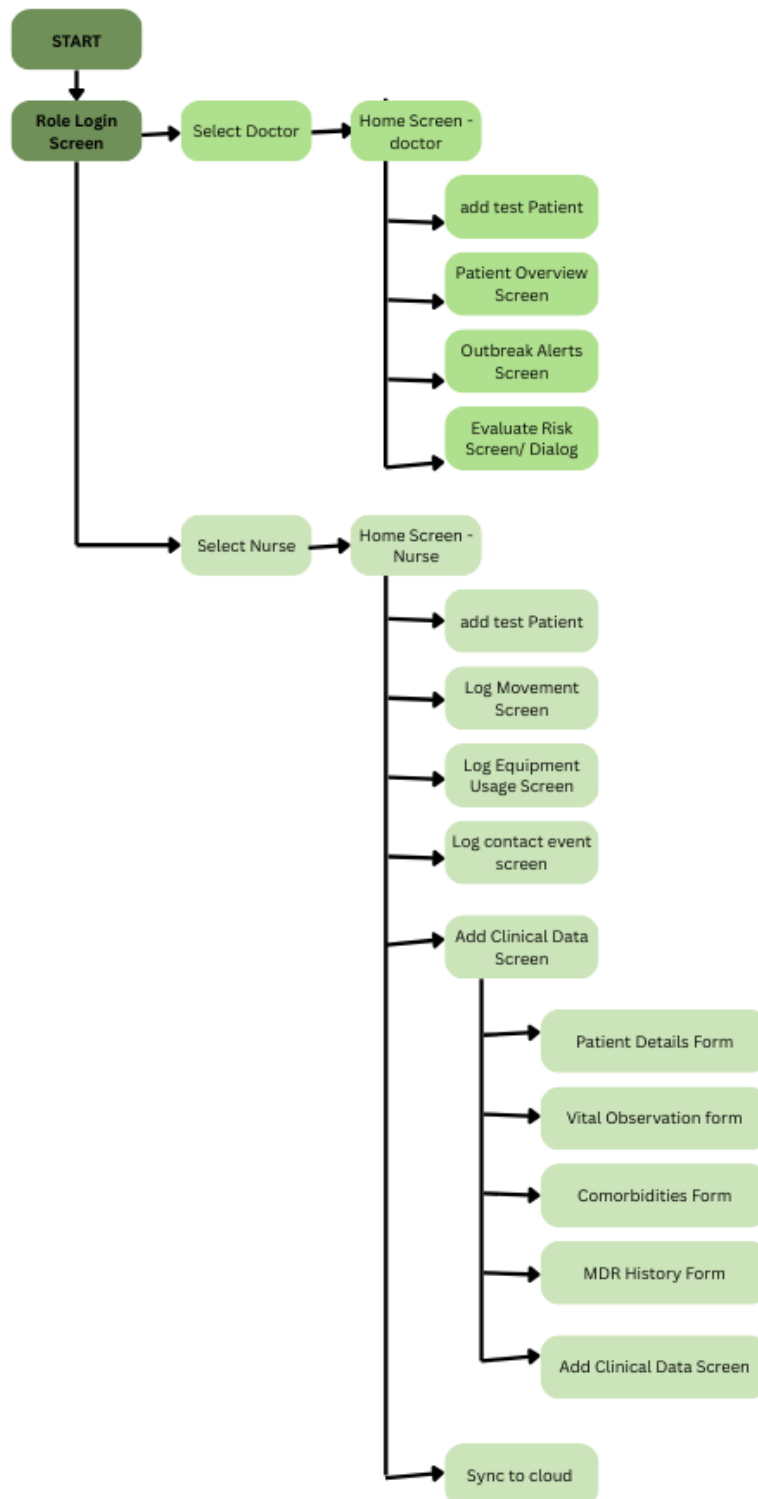
MDR SCREENING APP

1. Start / Login:

When we open the app, the first thing you see is a login screen.

Here, we can choose your role: either Doctor or Nurse.

You can also enterthename (optional), so the app can greet you personally.

2. Home Screen – Role Based:

After logging in, you reach the Home Screen , which looks different depending on your role.

If you are a Doctor:

You see boxes for actions like:

Add Test Patient: Create a dummy patient for testing the backend.

Patient Overview: View all patients and their information.

Outbreak Alerts: Check alerts about potential MDR outbreaks.

Evaluate Risk: Analyze the risk of MDR infection for a patient.

If you are a Nurse:

You see boxes for actions like:

Add Patient: Enter a new patient's information.

Log Movement: Record patient or staff movement.

Log Equipment Usage: Track equipment usage.

Log Contact Event: Record interactions that could spread infection.

Add Clinical Data: Fill in patient health information like temperature, comorbidities, and lab results.

Sync to Cloud: Send all the entered data to the cloud (you see a "Syncing… Done!" message).

3. Clinical Data Screen (Nurse only):

When a nurse clicks Add Clinical Data, a form appears with   different sections , like:

Patient Details: Enter patient ID (you can scan a QR code for convenience).

Vital Observations: Record temperature and other health metrics.

Comorbidities: Check boxes for diabetes, hypertension, or other conditions.

MDR History: Toggle previous MDR infection and choose lab results.

This makes sure all important patient information is structured and easy to track .

4. Sync Feedback:

Whenever the nurse clicks Sync to Cloud, the app doesn't navigate away; it just shows a small message :

First says: "Syncing…"

Then says: "Done!"

This lets the user know their data is safely updated.

In simple terms:

The app starts with a login screen → then shows a role-specific home screen → doctors see dashboards and nurses see forms → data can be added, evaluated, or synced → the UI uses boxes, icons, and colors to make it clean and easy to use.