**DATA FLOW DIAGRAM DESCRIPTION**

* The actor logs in with their phone number and OTP authentication.
* Once logged in, the actor registers with their respective fields of details.
* Patient
* Doctor
* Pharmacist
* Lab Operator
* System admin
* Front desk operator

* After successful registration of the user as **Patient**, he/she can have different options
* **Book consultation** - If the patient wants to book consultation, checks the available doctors, selects the doctor and inform to front desk operator. Front desk operator books a slot for the consultation and then performs billing, after the payment confirmation the schedule gets confirmed and will be added to Dashboard.
* **Book lab tests** – After the consultation if doctor suggests any lab tests, patient choose list of tests referred by doctor in nearby laboratories and book appointment for the lab tests.
* **Reports** – After the completion of the lab tests, patient gets the lab test reports and uploads it to the doctor for the e-prescription.
* **Patients summary** – After the consultation, doctor generates summary of the consultation if needed suggests lab tests.
* After successful registration of the user as **Doctor**, he/she can have different options
* **Schedules** – If patients selects the doctor for consultation and confirms the consultation, the consultation get added to the doctor’s schedule with slot time which reminds doctor of the consultation.
* **Patients Summary** – After the completion of the consultation, doctor generates the summary of the patient and suggests lab tests if required and sends to the patient.
* **Previous Consultations** – In this the doctor’s previous consultation details get stored for future references.
* **Reports** – If doctor suggests any lab tests, patient uploads reports of that tests to the doctor which doctor uses it for generating e-prescription.
* After successful registration of the user as **Lab operator**

If doctor suggests any lab tests patient selects the required lab tests and after the lab tests, lab operator uploads test reports to the patient.

* After successful registration of the user as **Pharmacist**

Pharmacist will deliver medicines prescribed by doctor to patient if there is enough stock and reduce the stock, else pharmacist will place order.

* After successful registration of the user as **Front Desk operator**

Front desk operator communicates with doctor and patient. Front desk operator will confirm the appointment after the payment and books emergency slots if any. He will also solve the queries.