

# **INFIRMARY APP**

**(ONLINE DOCTOR CONSULTATIONS APPLICATION)**

**A Project Report**

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of

**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

**By**

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**Under the esteemed guidance of**

**Mrs. Prajisha Jitesh**

**&**

**Mr. Digvijay Parab**



**DEPARTMENT OF INFORMATION TECHNOLOGY  
VIVEKANAND EDUCATION SOCIETY'S  
COLLEGE OF ARTE,SCIENCE AND COMMERCE**

*University of Mumbai*  
**MUMBAI 400 071**

**PROFORMA FOR THE APPROVAL PROJECT PROPOSAL**

PRN No. :- .....

Roll no. :- 48

1. Name of the Student :  
Vaibhav Santosh Posture.
2. Title of the Project :  
Infirmery App (Online Doctor Consultation Application)
3. Name of the Guide :  
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4. Teaching experience of the Guide :  
16 years
5. Is this your first submission ?  
Yes ☒ No ☐

Signature of Students

Date : .....

Signature of Guide

Date : .....

Signature of coordinator

Date : .....

**VIVEKANAND EDUCATION SOCIETY'S  
COLLEGE OF ARTS, SCIENCE AND COMMERCE**

*University of Mumbai*

**MUMBAI MAHARASTRA - 400 071**

**DEPARTMENT OF INFORMATION TECHNOLOGY**



**CERTIFICATE**

This is to certify that project entitled, "**Infirmary App (Online Doctor Consultation Application)**", is bonafied work of **Vaibhav Santosh Posture** and **Vikas Purushottam Yadav** bearing Seat no.**48** and Seat no.**70** submitted in particular fulfillment of the requirements for the award of degree of BACHELOR OF SCIENCE in INFORMATION TECHNOLOGY from University of Mumbai .

**Internal Guide**

**Coordinator**

**External Examiner**

**Date :**

**College Seal**

## **ABSTRACT**

In present days the whole world is suffering many health issue due to heavy work load, mental stress and sudden change in climate but due to the COVID crisis it's very difficult to consult every patients in hospital & dispensary. So to avoid crowd, to maintain social distancing our infirmery app will help them to get all the possible consults and cure. Also earlier we have to wait for our appointment in waiting area therefore this will save time for both doctors and patients by just skipping this part of procedure.

This app will help patients to get consults and cure from anywhere anytime with the best doctors or specialists by just sitting at one place. Also patient can order medicines online from chemist.

## ACKNOWLEDGMENT

We specially thank to our project guide **Mrs. Prajisha Jitesh & Mr. Digvijay Parab** for her guidance and suggestions during this project report.

We would like to thank our principal **Dr. (Mrs.) Anita Kanwar** who has always been the source of inspiration.

We are also thankful to **Mrs. Shital Patil** our coordinator who took an interest in our project work and guided us till the completion of project report.

Thanks a lot for guidance and assistance you gave for developing this report. . We are thankful and lucky enough to get constant encouragement, support and guidance from all Teaching staffs of Information Technology by providing all the necessary information for developing a good report.

## DECLARATION

I hereby declare that the project entitled, **“Infirmary App (online doctor consulting app) ”** done at V.E.S College of Arts, Science and Commerce, has not been in any case duplicated to submit to any other university for the award of any degree. To the best of my knowledge other than me, no one has submitted to any other university.

The project is done in partial fulfillment of the requirements for the award of degree of **BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)** to be submitted as final semester project as part of our curriculum.

**Name and Signature of the Student**

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# Chapter 1: Introduction

## 1.1. Background :

Our project name is “INFIRMARY APP” and Infirmary means a place where sick or injured individuals receive care & treatment like that it is an Online doctors consultation & appointment app.

Nowadays the whole world is suffering many health issues due to heavy workload, mental stress, sudden change in climate but due to the COVID crisis it is very difficult to consult every patient in hospital & dispensary so to avoid crowd, to maintain social distancing and also earlier we have to wait for our turn for appointment in waiting area therefore it is also reduce time of patients as well as doctors also.

In this app we can login through 3 parties: 1. Patients 2. Doctors & 3. Chemist.

First patients have to give their some personal details like name, address, contact number etc. After that patients are able to book an appointment of that doctors which they want for consultation. Then doctors can consult their patients by virtual meeting. If the doctors seen any major health problem or any major disease then he/she told patient to come to hospital or dispensary for further check-up but if doctors doesn't seen any major problem then he/she give prescription to their patients according to that patients have to follow the advice take medicine time to time. If a doctors told a patient to buy any particular medicine or any other medical related product then he can book it through chemist section where patients first select the medical store which are register on the application then patient is able to book medicine after that the medical store employee will deliver this medicine & other medical products.

## 1.2. Objective :

- To create an online doctor consulting app for the patient to get the consultation from the specialist across the country.
- To reduce the cost efficiencies like travelling cost visiting cost and also time saviour.
- It will help to keep the records of reports about the previous medical history.
- This app will help you to consult doctors, just with few clicks.
- This increases medication reconciliation accuracy, which improves patient safety.
- 24x7 consulting service availability.
- You can consultant from anywhere and anytime with the best doctors.
- To provide online medicine booking & delivery.

### **1.3. Purpose, Scope and Applicability:**

#### **1.3.1. Purpose:**

- Prompt medical attention: When a person suddenly starts to feel ill and needs medical assistance, online consultation serves as the most ideal approach to get instant medical advice.
- Access to specialists: Online consultations make it possible for you to leverage the expertise of specialists who are not nearby.
- Privacy & availability: Privacy plays a key role in getting an online doctor consultation. People can get professional advice from doctors they have never met.
- Comfort and convenience: You don't have to wait hours or days for the consultation, you can contact the doctor the moment you start feeling unwell. One of the greatest advantages of online medical consultation is you can sit back at your home and ask for a doctor's consultation online.
- Cost-effective and time-saving: It is highly cost-effective for patients who need regular doctor visits. Visiting costs, transportation costs, and time are the major benefits of online consultation. Patients can get qualitative medical advice, consultation, and second opinions under a single roof.
- Direct delivery of medicine at any place : It offers better pricing than offline stores, with various amount of products , with good quality and also with the great anonymity & convenience for customers.

#### **1.3.2. Scope:**

- Allows patients to book an appointment from the comfort of their homes, using their computer, laptop or mobile, and at any time. No matter where they are, they can contact doctors of their choice in any location.
- More time for patients and doctors to deal with presented health problems; more organized environment; better planning of services; and better care. These are similar to published data.
- Patient experience is of paramount importance. No patient would like an experience that is not smooth. Patients no longer have to be worried about the wait times in your clinic. They can plan their daily schedule better.

#### **1.3.3. Applicability:**

- 24 x 7 Availability.
- Stores a previous medical data.
- Ease of Access.
- Maintain Privacy.
- Home delivery of Medicine.

## Chapter 2:Survey of Technology

### 2.1.Software Requirement :

- ❖ Android Studio
- ❖ Firebase

#### I. Android Studio :

Android Studio is the official Integrated Development Environment (IDE) for Android app development, based on IntelliJ IDEA .It is available for download on Windows, macOS and Linux based operating systems or as a subscription-based service in 2020.It is a replacement for the Eclipse Android Development Tools (E-ADT) as the primary IDE for native Android application development.

Android Studio was announced on May 16, 2013 at the Google I/O conference. It was in early access preview stage starting from version 0.1 in May 2013, then entered beta stage starting from version 0.8 which was released in June 2014.] The first stable build was released in December 2014, starting from version 1.0.

On top of IntelliJ's powerful code editor and developer tools, Android Studio offers even more features that enhance your productivity when building Android apps, such as:

- i. A flexible Gradle-based build system.
- ii. A fast and feature-rich emulator.
- iii. A unified environment where you can develop for all Android devices.
- iv. Apply Changes to push code and resource changes to your running app without restarting your app.
- v. Extensive testing tools and frameworks.
- vi. Extensive testing tools and frameworks.
- vii. Lint tools to catch performance, usability, version compatibility, and other problems.
- viii. Built-in support for Google Cloud Platform, making it easy to integrate Google Cloud Messaging and App Engine.

Each project in Android Studio contains one or more modules with source code files and resource files. Types of modules include:

- a. Android app modules
- b. Library modules
- c. Google App Engine modules

Android Studio follows your context and automatically brings up relevant tool windows as you work.Android Studio automatically applies formatting and styles as

specified in your code style settings. You can customize the code style settings by programming language, including specifying conventions for tabs and indents, spaces, wrapping and braces, and blank lines.

Android Studio uses Gradle as the foundation of the build system, with more Android-specific capabilities provided by the Android plugin for Gradle. This build system runs as an integrated tool from the Android Studio menu, and independently from the command line

Android Package (APK) is the Android application package file format used by the Android operating system, and a number of other Android-based operating systems for distribution and installation of mobile apps, mobile games and middleware.

## **II. Firebase :**

Firebase is a platform developed by Google for creating mobile and web applications. It was originally an independent company founded in 2011. In 2014, Google acquired the platform and it is now their flagship offering for app development. Some other information about Firebase is as follow:

- i. Firebase Real time database is a cloud hosted database that supports multiple platforms Android , IOS and Web.
- ii. All the data is stored in JSON format and any changes in data, reflects immediately by performing a sync across all the platforms & devices.
- iii. This allows us to build more flexible real time apps easily with minimal effort.
- iv. The Firebase Real time Database can be accessed directly from a mobile device or web browser; there's no need for an application server.
- v. Security and data validation are available through the Firebase Real time Database Security Rules, expression-based rules that are executed when data is read or written.
- vi. Secure your data - Use Firebase Real time Database Security Rules to secure your data.
- vii. Enable Offline Persistence - Allow data to be written to the device's local disk so it can be available while offline.
- viii. Firebase Security Rules stand between your data and malicious users. You can write simple or complex rules that protect your app's data to the level of granularity that your specific app requires.

## 2.2. Languages Used in Application:

### ❖ Java :

Java is a high-level, class-based, object-oriented programming language that is designed to have as few implementation dependencies as possible. It is a general-purpose programming language intended to let application developers write once, run anywhere (WORA). meaning that compiled Java code can run on all platforms that support Java without the need for recompilation. Java applications are typically compiled to bytecode that can run on any Java virtual machine (JVM) regardless of the underlying computer architecture. The syntax of Java is similar to C and C++, but has fewer low-level facilities than either of them. The Java runtime provides dynamic capabilities (such as reflection and runtime code modification) that are typically not available in traditional compiled languages. Java was one of the most popular programming languages in use according to GitHub, particularly for client-server web applications.

James Gosling, Mike Sheridan, and Patrick Naughton initiated the Java language project in June 1991. Java was originally designed for interactive television, but it was too advanced for the digital cable television industry at the time. The language was initially called Oak after an oak tree that stood outside Gosling's office. Later the project went by the name Green and was finally renamed Java, from Java coffee, a type of coffee from Indonesia. Gosling designed Java with a C/C++-style syntax that system and application programmers would find familiar.

There were five primary goals in the creation of the Java language:

1. It must be simple, object-oriented, and familiar.
2. It must be robust and secure.
3. It must be architecture-neutral and portable.
4. It must execute with high performance.
5. It must be interpreted, threaded, and dynamic.

Programs written in Java have a reputation for being slower and requiring more memory than those written in C++. However, Java programs' execution speed improved significantly with the introduction of just-in-time compilation in 1997/1998 for Java 1.1, the addition of language features supporting better code analysis (such as inner classes, the `StringBuilder` class, optional assertions, etc.), and optimizations in the Java virtual machine.

### ❖ XML :

Android provides a straightforward XML vocabulary that corresponds to the View classes and subclasses, such as those for widgets and layouts. You can also use Android Studio's Layout Editor to build your XML layout using a drag-and-drop interface. Instantiate layout elements at runtime. Basically, xml is used for layout designing. All the UI and layout of your app is designed using xml. Unlike Java (which is Back Bone of your app), xml helps you to design your app, how it will look, how components like buttons, textview, etc will be placed and their styling.

### **2.3. Justification of Selection of Technology :**

Android is a mobile operating system based on a modified version of the Linux kernel and other open source software, designed primarily for touchscreen mobile devices such as smartphones and tablets. Every Android phone can run many applications at the same time and also Android phones provide you bigger screen in less price as compared to the other devices.

Android App is a software designed to run on an Android device or emulator. The term also refers to an APK file which stands for Android package. This file is a Zip archive containing app code, resources, and meta information. Android apps can be written in Kotlin, Java, and C++ and are run inside Virtual Machine.

A well-designed mobile app can perform actions much quicker than a mobile website. Apps usually store their data locally on mobile devices, in contrast to websites that generally use web servers. Apps can further save users' time by storing their preferences, and using them to take proactive actions on users' behalf.

Basically, Android is thought of as a mobile operating system. It is currently used in various devices such as mobiles, tablets, televisions etc. Android provides a rich application framework that allows us to build innovative apps and games for mobile devices in a Java language environment. Some of the benefits of Android Studio as follows:

- i. Faster Deployment of Fresh Builds. Bringing incremental changes to an existing app code or resource is now easier and faster. ...
- ii. More Accurate Programming. ...
- iii. Faster Programming and Testing. ...
- iv. Inclusive App Development. ...
- v. Better App Indexing.

#### **❖ Justification of Selection Languages :**

XML is used mainly for the designing part of the android app like designing layouts or buttons.

JAVA is used for writing the backend (developer's end) codes while frontend (user's end) codes are written on XML.

Firebase is a real time database software that enables developers to develop iOS, Android and Web apps. Also it provides a fast & safe hosting of data with the Google analytic.

## **Chapter 3 : System Analysis**

### **3.1. Problem Definition :**

The main problem of the offline doctors consultation is it is very time consuming for both patients as well as doctors .The aim of the project is to save time of patients and doctors,avoid crowd,minimize travel expenditure and also to reach peoples who are living in remote areas.

Some Other features of the system are as follows:

- i. It can be accessible by everyone at any time.
- ii. Paperless prescription system.
- iii. Effective communication between patients & doctors.

#### **❖ Existing System:**

The existing system is managed manually.Where patients has to come to the hospital & dispensary on time which are declared by the hospital and dispensary but it is very difficult for patients who are free or patients who stuck at work.Also it is very difficult to doctors also because some time doctors also stuck at traffic or other work which leads to generate crowd and also leads to delay in appointments.This process is very clumsy and also time consuming.

#### **❖ Proposed System:**

The proposed computerized system has made the doctor consultation simple and easy. Also an online doctor appointment system enhances patient satisfaction. Patients no longer have to be worried about the wait times in your clinic. They can plan their daily schedule better. They spend less time waiting to meet the doctor.

Online Doctor consultation and appointment services attracts more patients than traditional doctors consultation system. It improve patients satisfaction. Patient can cancel and reschedule the appointment.

### **3.2. Requirement Specification :**

The main purpose of the system is to implement the useful and effective application for the online doctors consultation and appointment system. The existing system is managed manually. The main problem with the traditional doctor consultation and appointment system is it is very clumsy and time consuming.

To overcome this problem of the manual system we proposed online doctors consultation and appointment application. The proposed system made the consultation and booking appointments simple and easy. The doctors and patients doesn't have to go anywhere, instead they can do consultation anywhere. The online doctors appointment system is online and automatic so no need to manage the data manually.

#### **❖ Doctors:**

- i. Online Doctor scheduling services attracts more patients.
- ii. Doctors will see you at your convenience! No more waiting!!!
- iii. Will make Reminders/Cancellations/Reschedules easy.
- iv. Can improve patient satisfaction.
- v. Delivers a premium experience.

#### **❖ Patients:**

- i. Will book appointments with a tap.
- ii. Can search doctors by location and reviews.
- iii. Can increase wellness benefits usage.

### **3.4. Hardware and Software Requirements :**

#### **Hardware Requirements:**












- Processor : Intel core i3 or higher
- RAM :4 GB or higher
- Screen Resolution :1280X800 or higher
- Storage Available :2 GB minimum

#### **Software Requirements :**

- OS : Windows 10 or higher
- Java JDK: JDK 11 or above



### 3.3. Planning and Scheduling:

		Task Name	Duration	Start	Finish	Predecessors	Resource Names
7		 CHAPTER 3 : SYSTEM ANALYSIS	13 days?	Sun 11-07-21	Fri 23-07-21	6	Vaibhav and Vikas
8		Existing System	2 days?	Sun 11-07-21	Mon 12-07-21		Vaibhav
9		Proposed System	2 days?	Tue 13-07-21	Wed 14-07-21	8	Vikas
10		Requirement Analysis	2 days?	Thu 15-07-21	Fri 16-07-21	9	Vaibhav
11		Hardware Requirements	2 days?	Sat 17-07-21	Sun 18-07-21	10	Vikas
12		Software Requirements	2 days?	Mon 19-07-21	Tue 20-07-21	11	Vaibhav
13		Planning and Scheduling	3 days?	Wed 21-07-21	Fri 23-07-21	12	Vaibhav and Vikas
14		 Chapter 4: SYSTEM DESIGN	19 days?	Sat 24-07-21	Wed 11-08-21	13	Vaibhav and Vikas
15		Modules Division	2 days?	Sat 24-07-21	Sun 25-07-21		Vaibhav
16		Data Dictionary	3 days?	Mon 26-07-21	Wed 28-07-21	15	Vikas
17		ER Diagram	3 days?	Thu 29-07-21	Sat 31-07-21	16	Vaibhav and Vikas
18		DFD	3 days?	Sun 01-08-21	Tue 03-08-21	17	Vaibhav and Vikas
19		 UML Diagrams	8 days?	Wed 04-08-21	Wed 11-08-21	18	Vaibhav and Vikas
20		Use Case Diagram	2 days?	Wed 04-08-21	Thu 05-08-21		Vaibhav
21		Activity Diagram	2 days?	Fri 06-08-21	Sat 07-08-21	20	Vikas
22		Sequence Diagram	2 days?	Sun 08-08-21	Mon 09-08-21	21	Vaibhav
23		State Transition Diagram	2 days?	Tue 10-08-21	Wed 11-08-21	22	Vikas
24		 CHAPTER 5 :IMPLEMENTATION AND TESTING	65 days?	Fri 10-12-21	Thu 10-03-22	23	
25		Implementation Approaches	5 days?	Fri 10-12-21	Thu 16-12-21		Vaibhav and Vikas
26		Coding Details and Code Efficiency	50 days	Fri 17-12-21	Thu 24-02-22	25	Vaibhav and Vikas
27		Testing Approach	6 days?	Fri 25-02-22	Fri 04-03-22	26	Vaibhav and Vikas
28		Modification and Improvements	4 days?	Mon 07-03-22	Thu 10-03-22	27	Vaibhav and Vikas
29		 CHAPTER 6 :RESULTS AND DISCUSSION	5 days	Fri 11-03-22	Thu 17-03-22	28	Vaibhav and Vikas
30		Test Reports	3 days	Fri 11-03-22	Tue 15-03-22		Vaibhav
31		User Documentation	2 days	Wed 16-03-22	Thu 17-03-22	30	Vikas
32		 CHAPTER 7:CONCLUSION	5 days	Fri 18-03-22	Thu 24-03-22	31	Vaibhav and Vikas
33		Consulusion	5 days	Fri 18-03-22	Thu 24-03-22		Vaibhav and Vikas
		 CHAPTER 5 :IMPLEMENTATION AND TESTING	52 days?	Mon 15-11-21	Thu 20-01-22	23	
		Implementation Approaches	3 days?	Mon 15-11-21	Wed 17-11-21		Vaibhav and Vikas
		Coding Details and Code Efficiency	40 days?	Sun 21-11-21	Tue 11-01-22	25	Vaibhav and Vikas
		Testing Approach	5 days?	Wed 12-01-22	Tue 18-01-22	26	Vaibhav and Vikas
		Modification and Improvements	2 days?	Wed 19-01-22	Thu 20-01-22	27	Vaibhav and Vikas
		 CHAPTER 6 :RESULTS AND DISCUSSION	8 days?	Fri 21-01-22	Tue 01-02-22	28	Vaibhav and Vikas
		Test Reports	5 days?	Fri 21-01-22	Thu 27-01-22		Vaibhav
		User Documentation	3 days?	Fri 28-01-22	Tue 01-02-22	30	Vikas
		 CHAPTER 7:CONCLUSION	5 days?	Wed 02-02-22	Mon 07-02-22	31	Vaibhav and Vikas
		Consulusion	5 days?	Wed 02-02-22	Mon 07-02-22		Vaibhav and Vikas

- **Gantt Chart:**

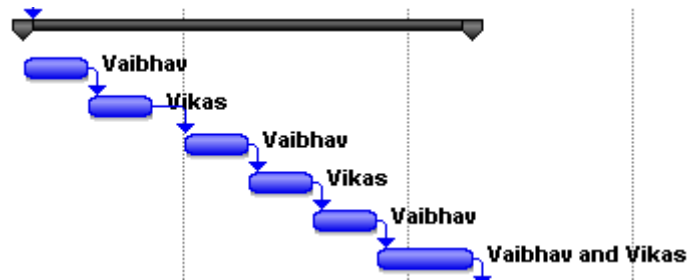
Chapter 1:



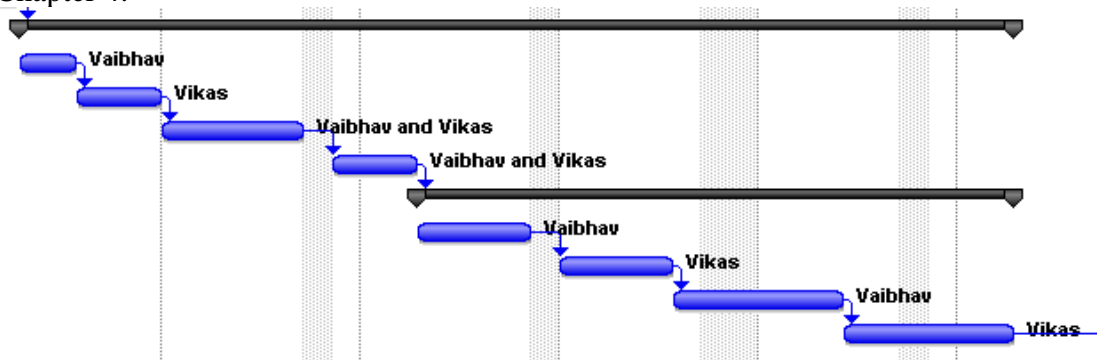
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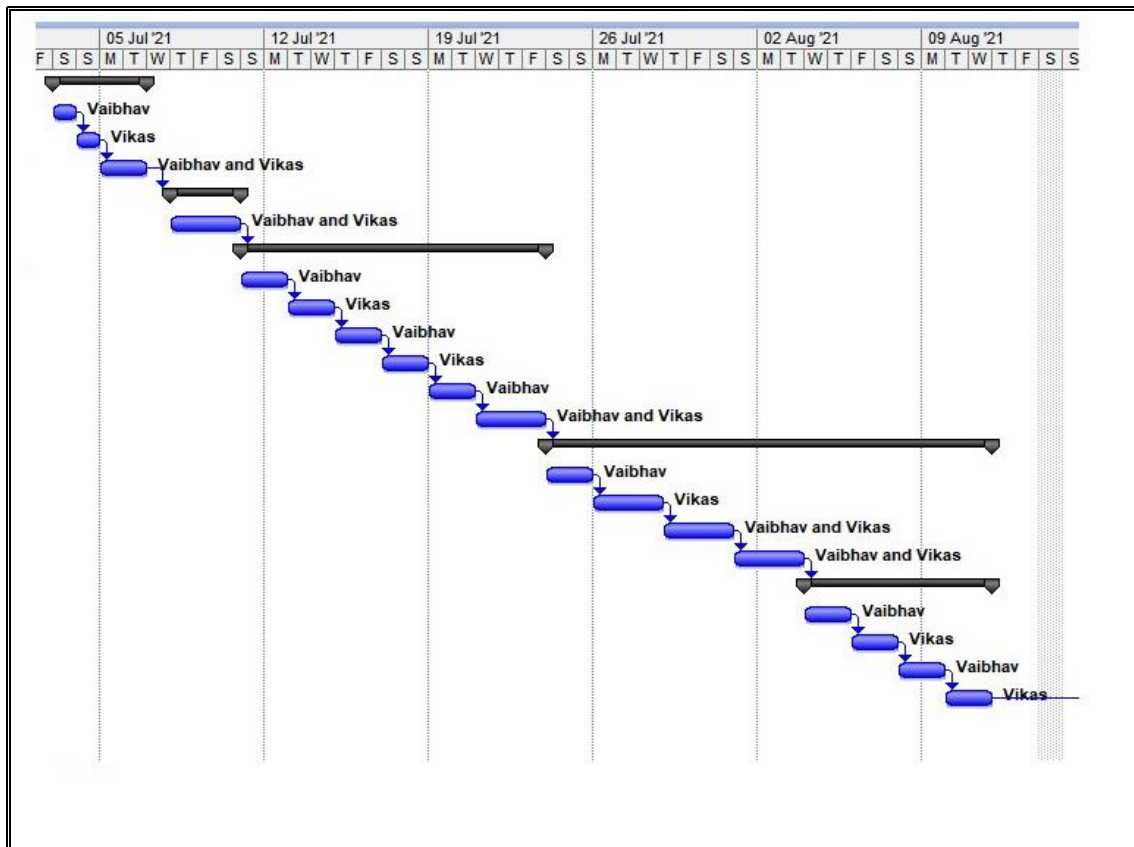
Chapter 3:



Chapter 4:

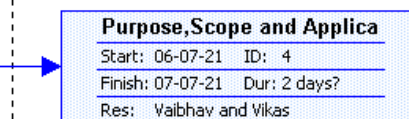
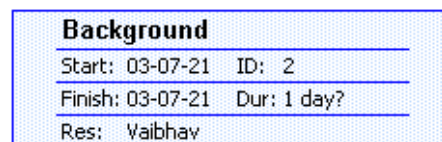
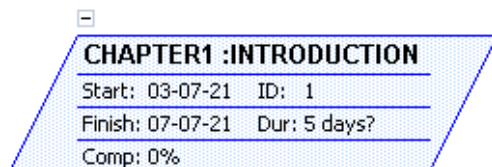


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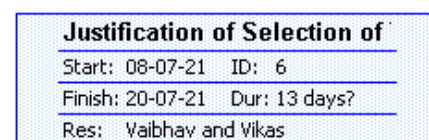
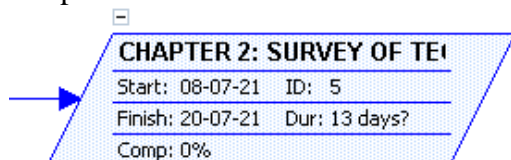


## ● Pert Chart:

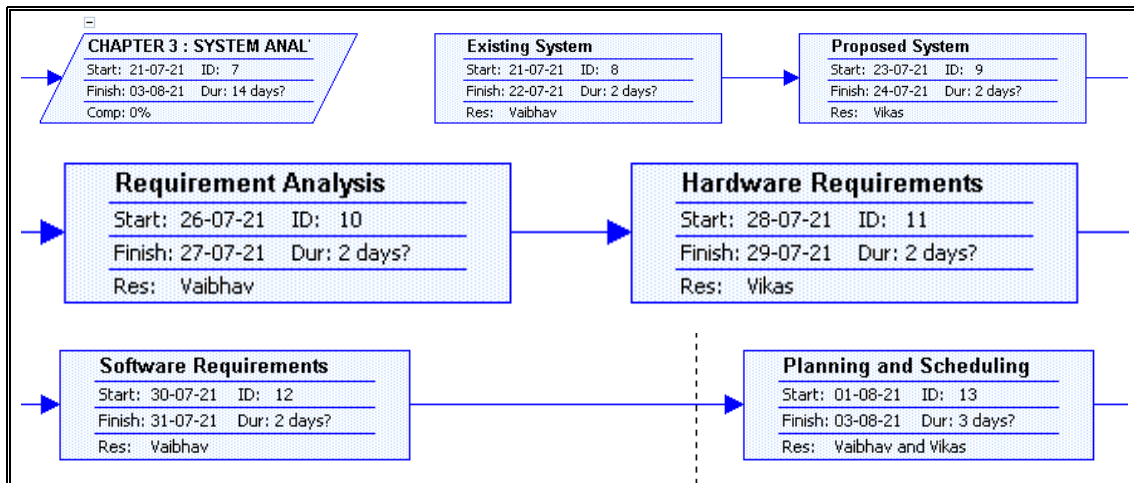
### Chapter 1:



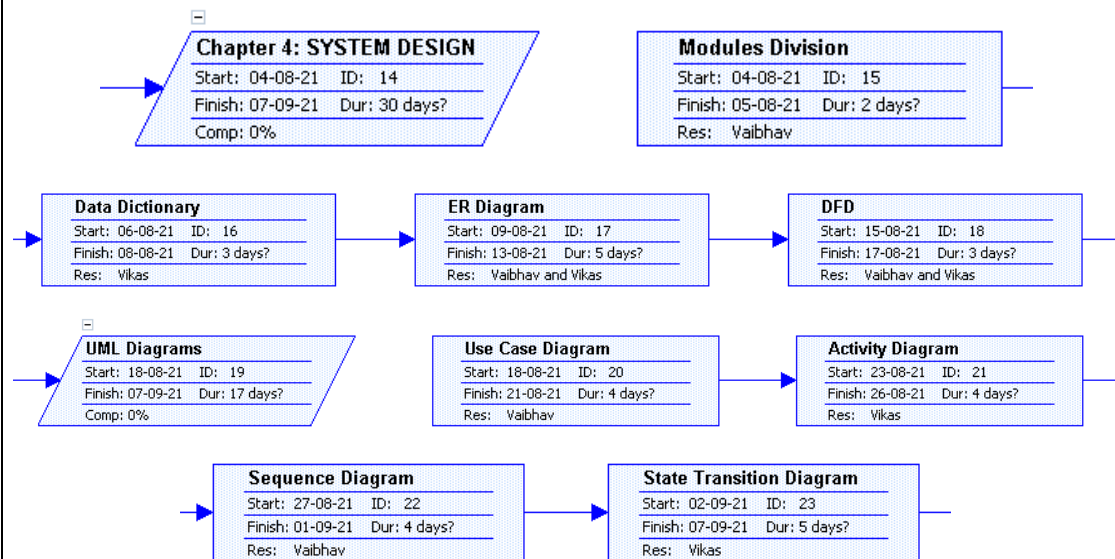
### Chapter 2:



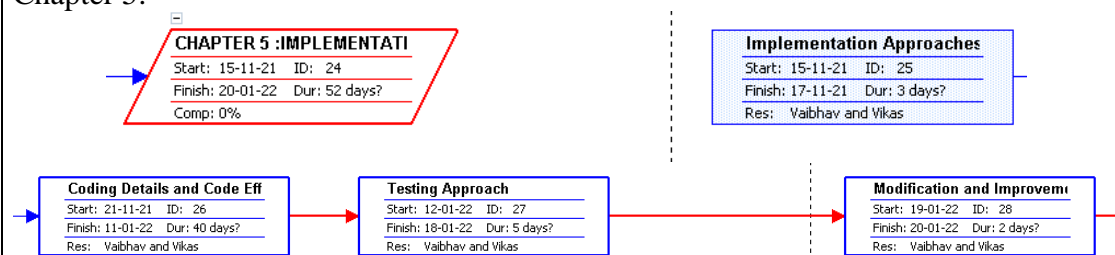
### Chapter 3:



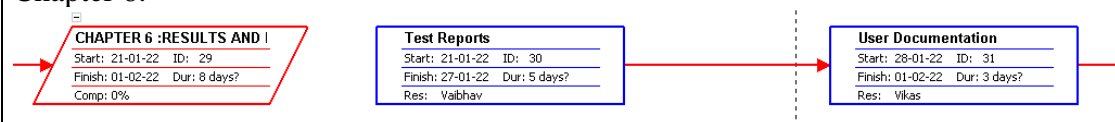
#### Chapter 4:



#### Chapter 5:



#### Chapter 6:



## Chapter 7:

CHAPTER 7: CONCLUSION	
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Conclusion	
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Finish: 07-02-22	Dur: 5 days?
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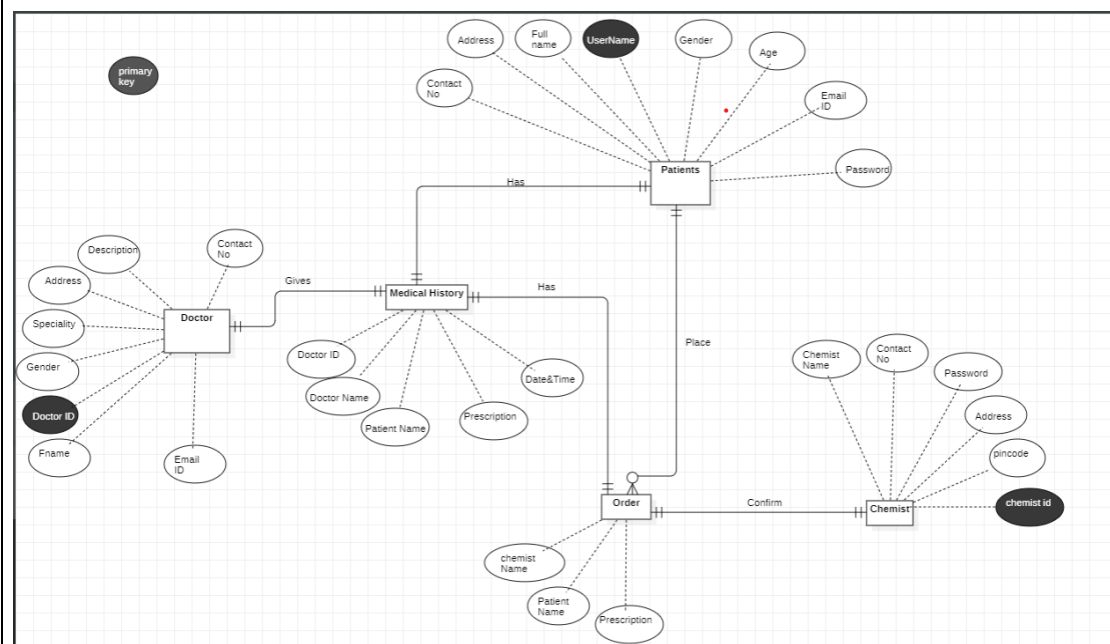
## Chapter 4: System Design

### 4.1. Module Division :

### 4.2. Data Dictionary :

### 4.3. Entity Relationship Diagram [ERD] :

An **entity-relationship diagram (ERD)** is a data modeling technique that graphically illustrates an information system's entities and the relationships between those entities. An **ERD** is a conceptual and representational model of data used to represent the entity framework infrastructure.



### 4.4. Data Flow Diagram [DFD] :

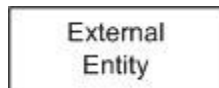
#### Explanation of the notations used in Data Flow Diagram

Data Flow Diagrams are composed of the four basic symbols shown below.

- The External Entity symbol represents sources of data to the system or destinations of data from the system.
- The Data Flow symbol represents movement of data.
- The Data Store symbol represents data that is not moving (delayed data at rest).
- The Process symbol represents an activity that transforms or manipulates the data (combines, reorders, converts, etc.).

Any system can be represented at any level of detail by these four symbols.

### External Entities

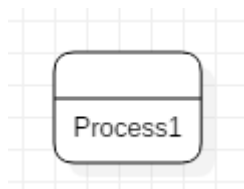


External entities are the objects outside the system with which the system communicates. External Entities are sources and destination i.e. inputs and outputs.

They are external to the system being studied. They are often beyond the area of influence of the developer.

These can represent another system or subsystem. These go on margins/edges of data flow diagram. External entities are named with appropriate name.

### Processes



Processes are work or actions performed on incoming data flows to produce outgoing data flows. For example, get invoice, update customer and create Order Processes are numbered within the diagram as convenient. Levels of detail are shown by decimal notation. For example, top level process would be Process 14, next level of detail Processes 14.1-14.4, and next level with Processes 14.3.1-14.3.6. Processes should generally move from top to bottom and left to right.

These show data transformation or change. Data coming into a process must be "worked on" or transformed in some way. Thus, all processes must have inputs and outputs. In some (rare) cases, data inputs or outputs will only be shown at more detailed levels of the diagrams. Each process is always "running" and ready to accept data.

Major functions of processes are computations and making decisions. Each process may have dramatically different timing: yearly, weekly, daily.

## Naming Processes

Processes are named with one carefully chosen verb and an object of the verb. There is no subject. Name is not to include the word "process". Each process should represent one function or action. If there is an "and" in the name, you likely have more than one function (and process).

## Data Flow



Data flow represents the input (or output) of data to (or from) a process ("data in motion"). They are the pipelines through which packets of information flow. Data flows are always named. Names should be some identifying noun. For example, order, payment, complaint.

Data flows only data, not control. Represent the minimum essential data the process needs. Using only the minimum essential data reduces the dependence between processes. Data flows must begin and/or end at a process.

Name is not to include the word "data". Should be given unique names

## Data Stores



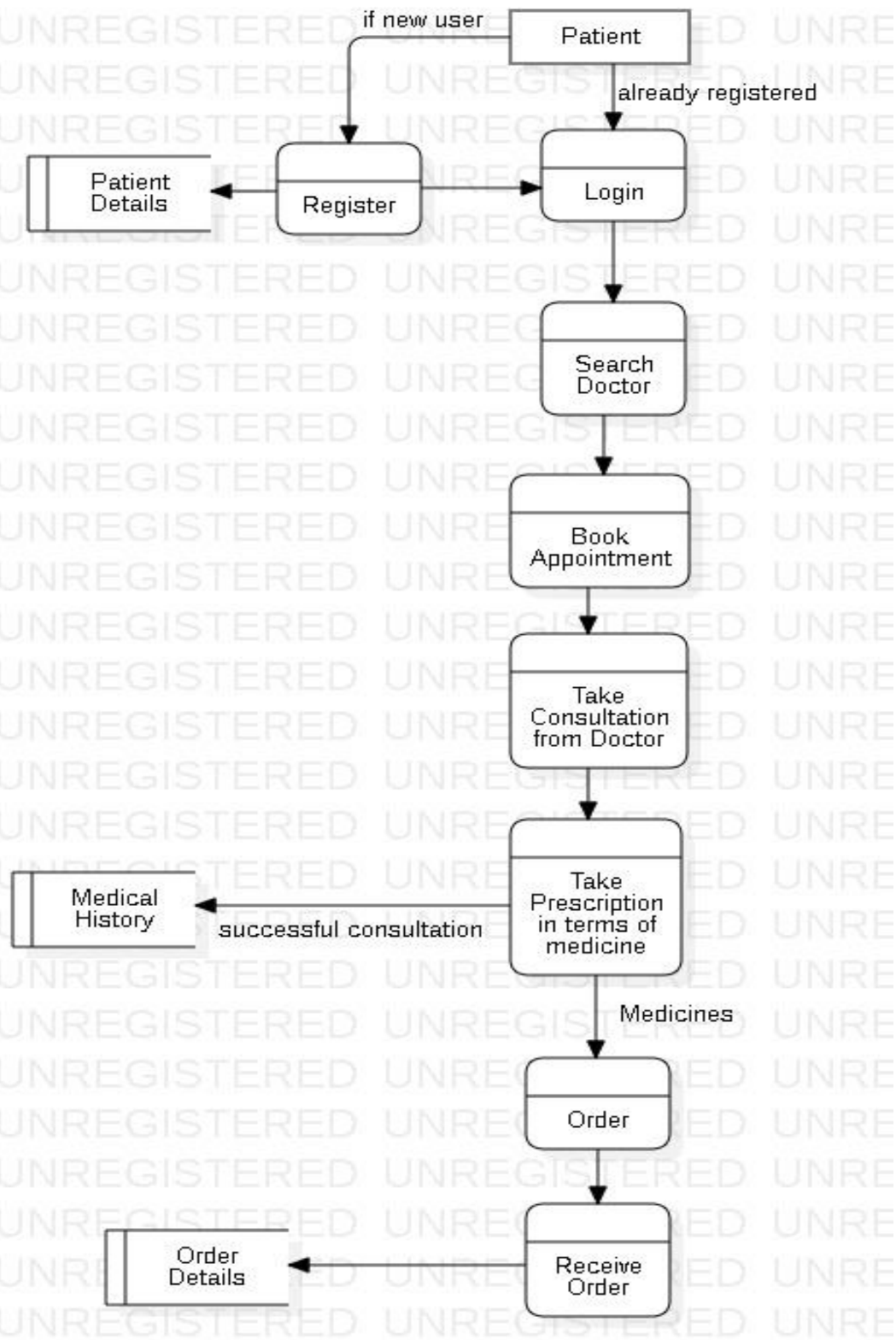
Data Stores are repository for data that are temporarily or permanently recorded within the system. It is an "inventory" of data. Only processes may connect with data stores. Like customers, orders, and products. These may be duplicated.

There can be two or more systems that share a data store. This can occur in the case of one system updating the data store, while the other system only accesses the data.

Data stores are named with an appropriate name, not to include the word "file", Names should consist of plural nouns describing the collection of data. These are detailed in the data dictionary or with data description diagrams.

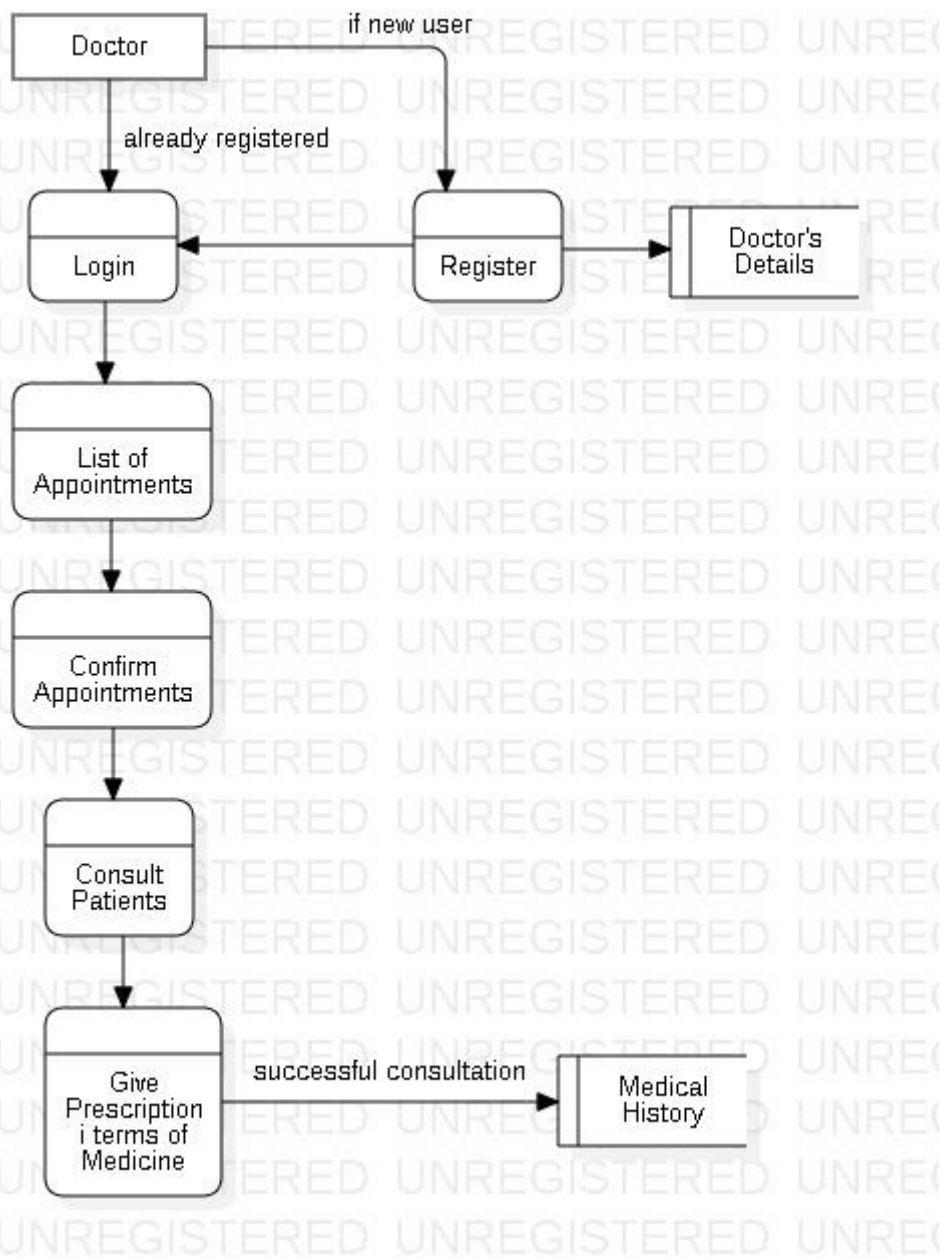


● Patient:

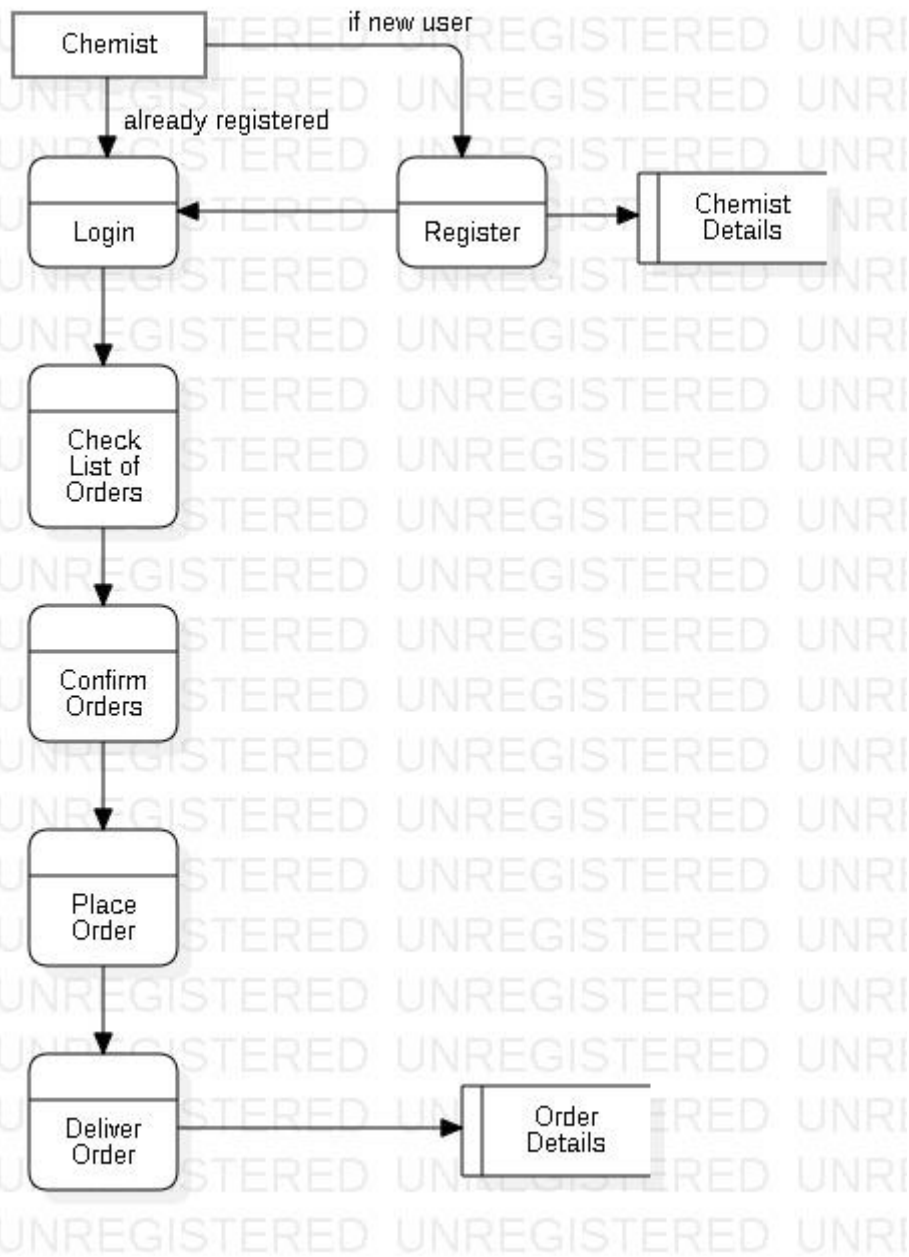




- **Doctor:**



● Chemist :



## 4.5.UML Diagram:

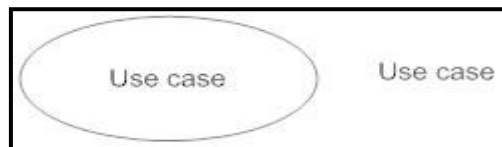
### ❖ Use Case Diagram: System

A specific sequence of actions and interactions between actors and the system. A system may also be referred to as a scenario. Place actors outside the system's boundaries.



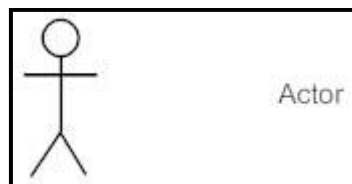
### Use Case

**Use case** is a list of steps, typically defining interactions between an actor and a system, to achieve a goal.



### Actors

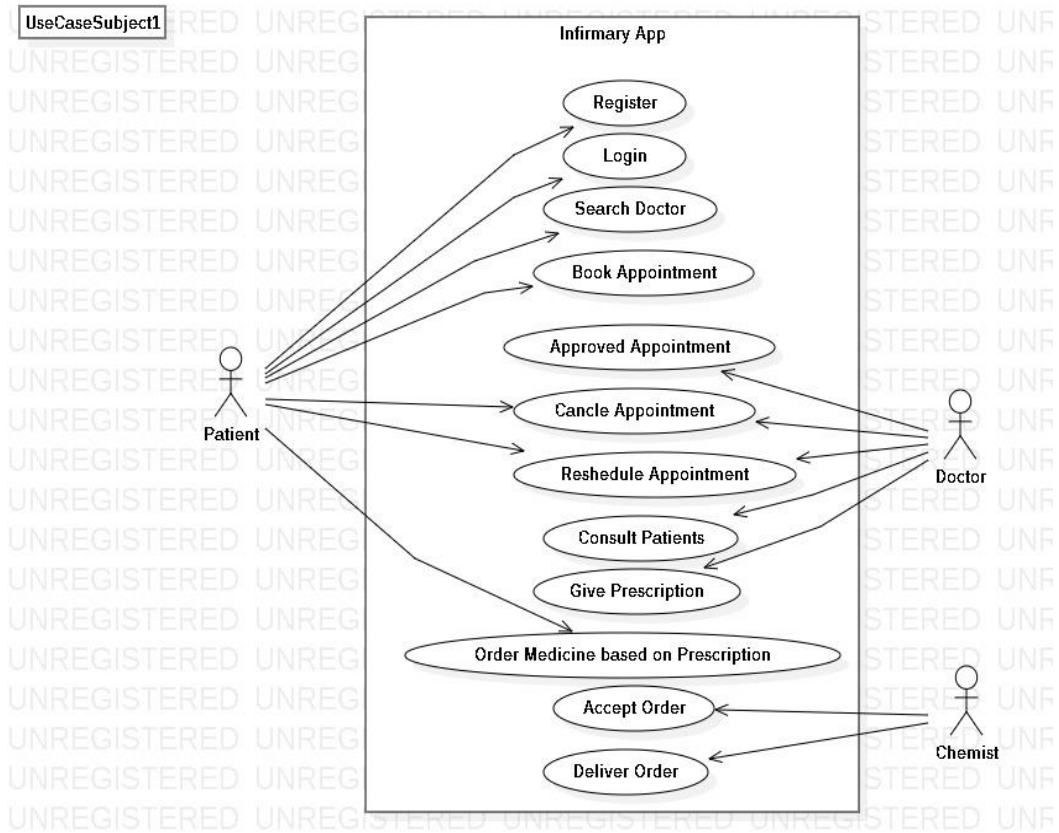
Actors are the users of a system. **Actor** specifies a role played by a user or any other system that interacts with the subject.



This system is used by 3 types of users. They are

- Patients
- Doctors

- Chemists



## ❖ Activity Diagram :

### Initial State or Start Point

Represents the beginning of a process or workflow in an activity diagram.



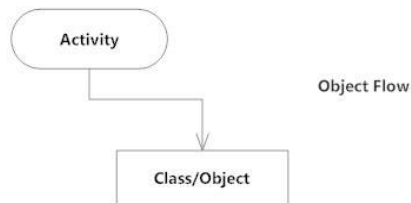
### Action Flow

Action flows, also called edges and paths, illustrate the transitions from one action state to another.



## Object Flow

Object flow refers to the creation and modification of objects by activities. An object flow arrow from an object to an action indicates that the action state uses the object.



## Decisions and Branching

A diamond represents a decision with alternate paths. When an activity requires a decision prior to moving on to the next activity, add a diamond between the two activities. The outgoing alternates should be labeled with a condition or guard expression. You can also label one of the paths "else."



## Activity symbol

Indicates the activities that make up a modeled process. These symbols, which include short descriptions within the shape, are the main building blocks of an activity diagram.



## Condition text

Placed next to a decision marker to let you know under what condition an activity flow should split off in that direction.

[Condition]

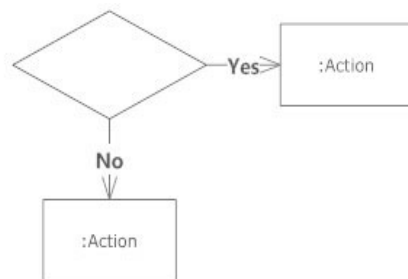
## End symbol or Final Symbol

Marks the end state of an activity and represents the completion of all flows of a process.



## Guards

Guards are a statement written next to a decision diamond that must be true before moving next to the next activity. These are not essential, but are useful when a specific answer, such as "Yes, three labels are printed," is needed before moving forward.



Guard Symbols

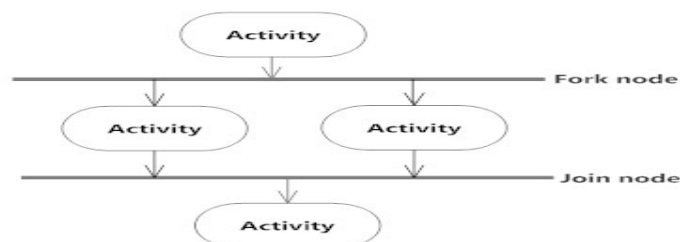
## Synchronization

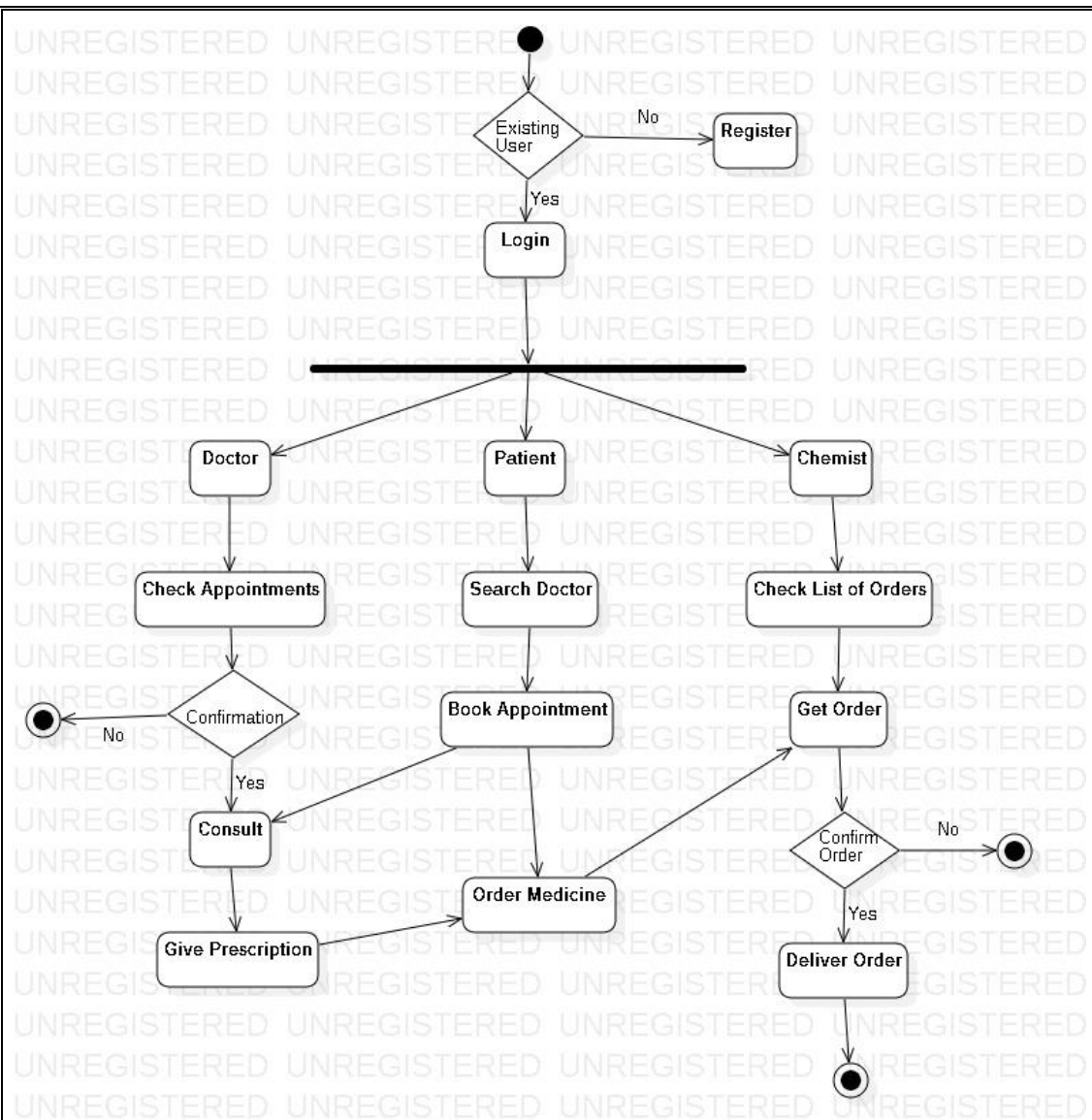
A fork node is used to split a single incoming flow into multiple concurrent flows. It is represented as a straight, slightly thicker line in an activity diagram.

A join node joins multiple concurrent flows back into a single outgoing flow i.e. This symbol is used to combine two concurrent activities and make them into a single activity

A fork and join mode used together are often referred to as synchronization i.e. This symbol divides a single activity into two concurrent activities in a control flow.

Synchronization





## ❖ Sequence Diagram :

### Class Roles or Participants

Class roles describe the way an object will behave in context.



### Activation or Execution Occurrence:

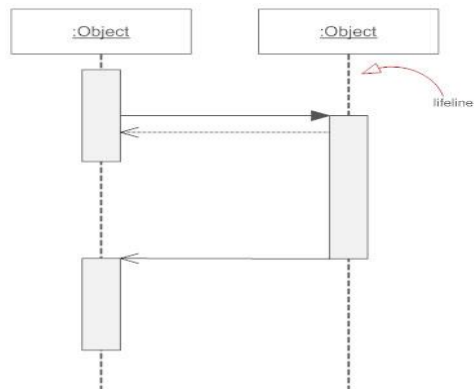
Activation boxes represent the time an object needs to complete a task. When an object is busy executing a process or waiting for a reply message, use a thin gray rectangle placed vertically on its lifeline.



Activation or Execution Occurrence

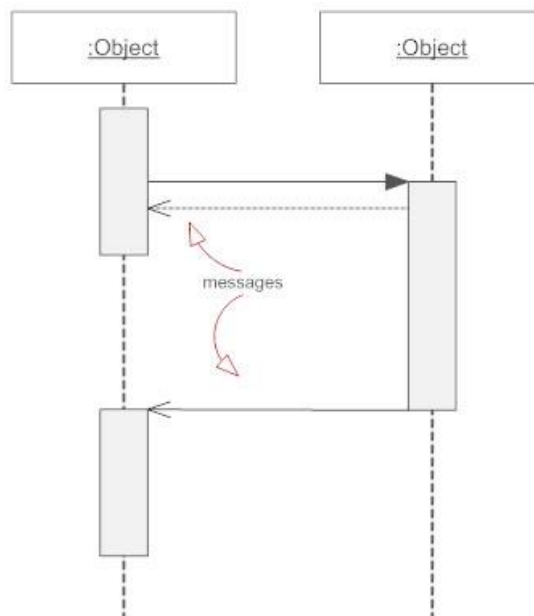
### Lifelines

Lifelines are vertical dashed lines that indicate the object's presence over time.



### Messages

Messages are arrows that represent communication between objects. A reply message is





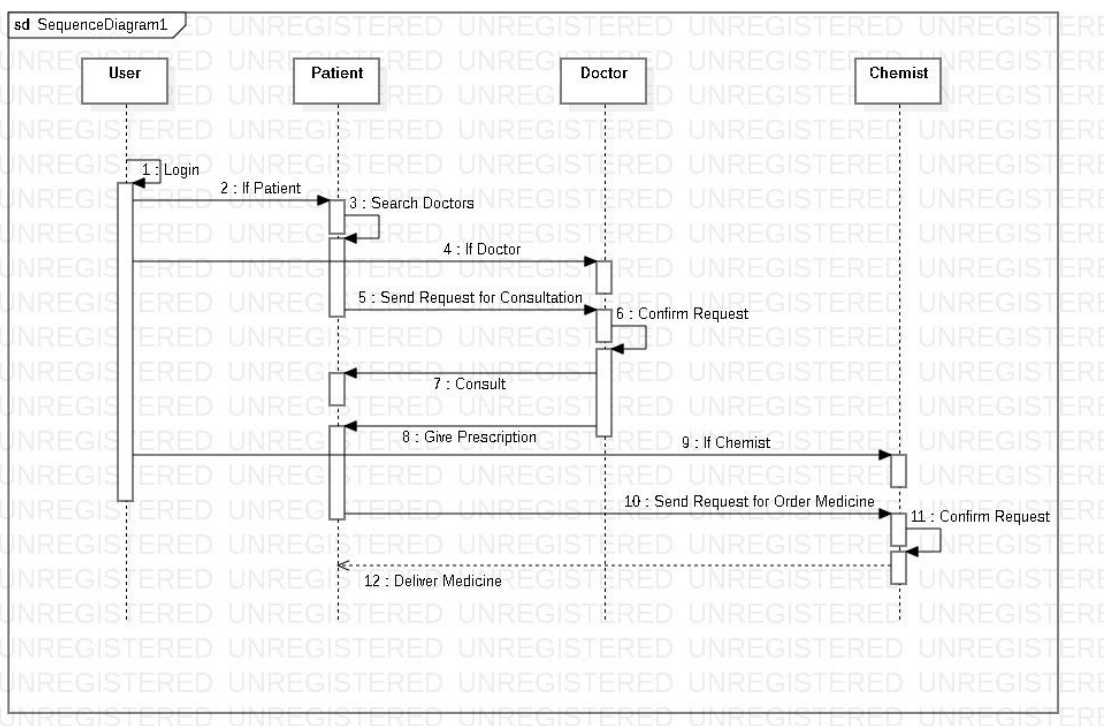
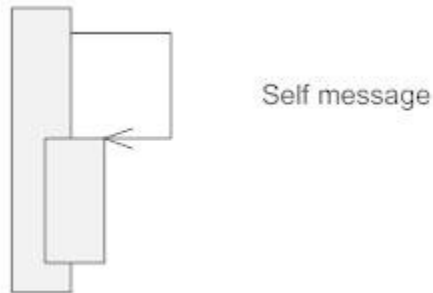
## Reply or Return Message

A reply message is drawn with a dotted line and an open arrowhead pointing back to the original lifeline.



## Self-Message

A message an object sends to itself, usually shown as a U shaped arrow pointing back to itself. It represents recursion



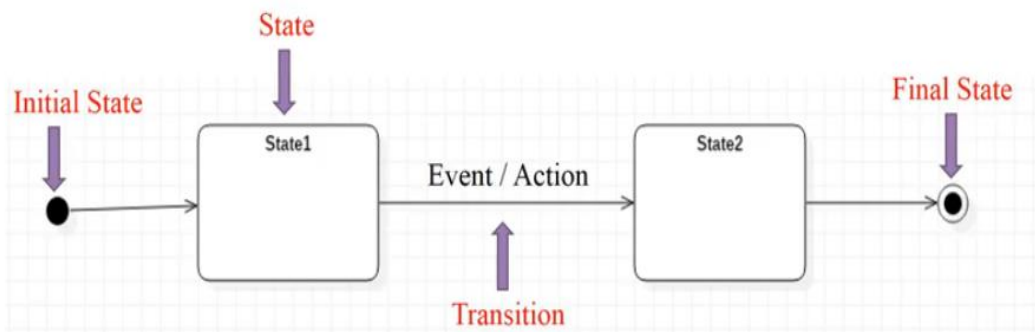
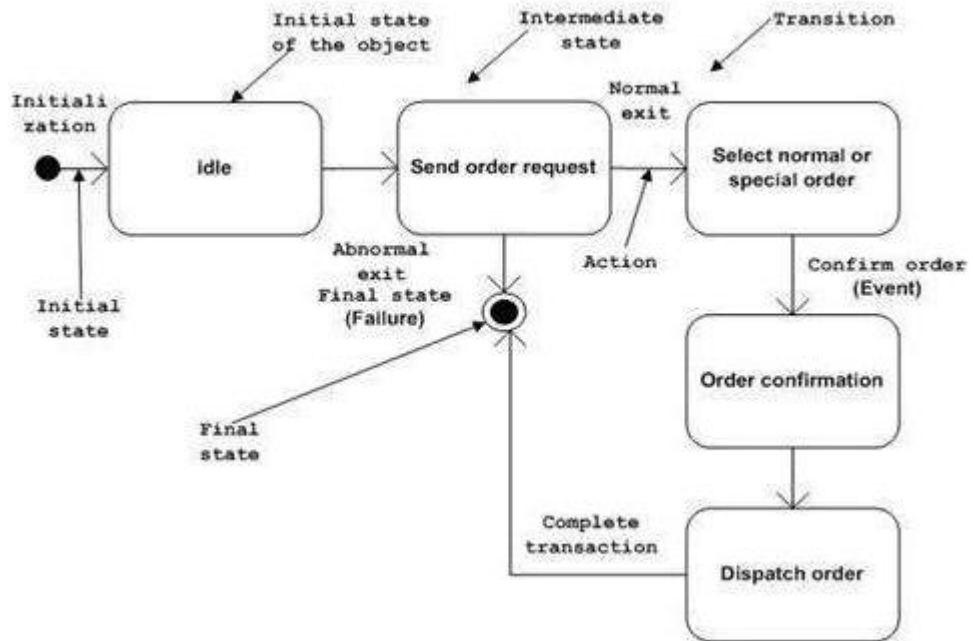
## ❖ State Transition Diagram :

Rounded rectangle represents state

Arrow captions are events

Events leads to state transition

Statechart diagram of an order management system

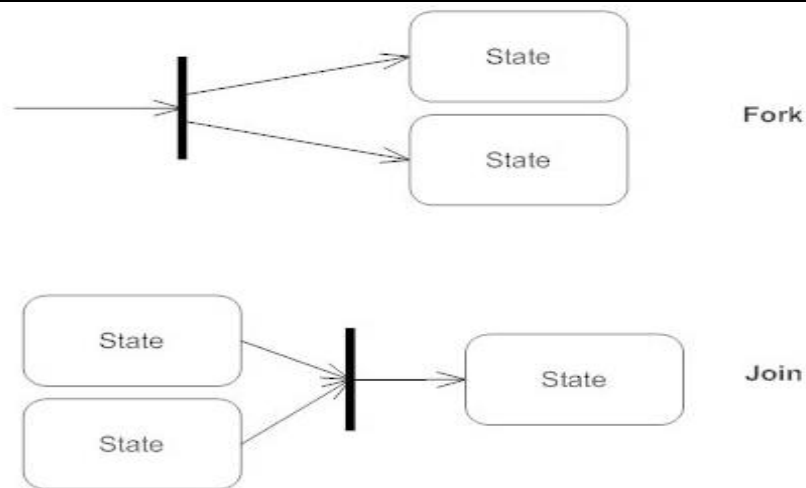


A simple state

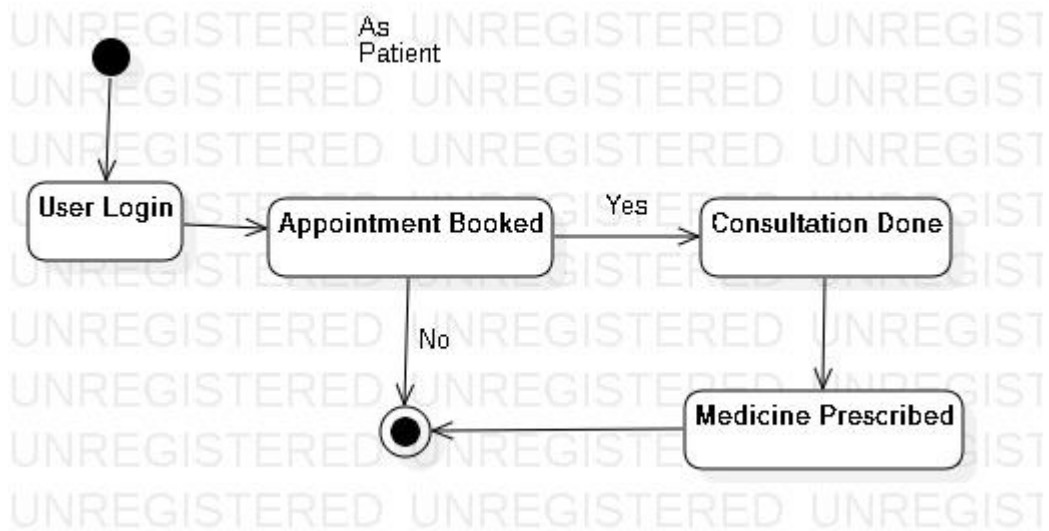


A state with internal activities

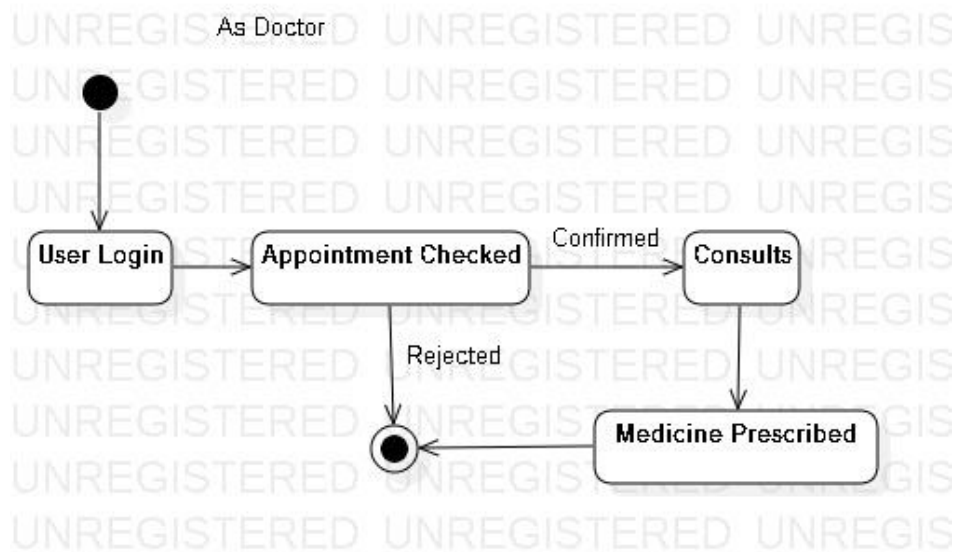




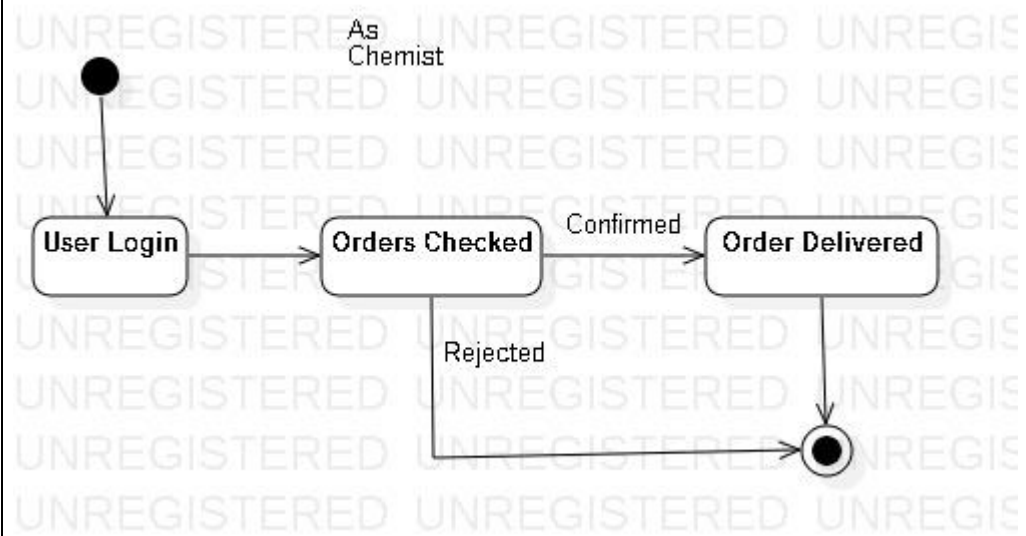
- **Patient :**



- **Doctor :**



- **Chemist :**



## CHAPTER 5: IMPLEMENTATION AND TESTING

### 5.1 Application Code: -

#### XML File

#### Activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:background="@color/white"
android:backgroundTint="@color/white"
tools:context=".MainActivity">
<com.airbnb.lottie.LottieAnimationView
    android:id="@+id/doctor"
    android:layout_width="wrap_content"
    android:layout_height="400dp"
    android:layout_marginTop="4dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.498"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:lottie_autoPlay="true"
    app:lottie_loop="true"
    app:lottie_rawRes="@raw/doctor" />
<TextView
    android:id="@+id/textView3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="76dp"
    android:fontFamily="cursive"
    android:text="@string/made_in_india_with"
    android:textColor="#FB0808"
    android:textSize="24sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toStartOf="@+id/imageView"
    app:layout_constraintHorizontal_bias="0.936"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/imageView2"
    app:layout_constraintVertical_bias="0.03" />
<ImageView
    android:id="@+id/imageView"
    android:layout_width="39dp"
    android:layout_height="46dp"
    android:layout_marginEnd="64dp"
    android:layout_marginBottom="44dp"
    android:contentDescription="TODO"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
```

```
app:srcCompat="@drawable/heart"
tools:ignore="ContentDescription,HardcodedText,ImageContrastCheck" />
```

```
<ImageView
    android:id="@+id/imageView2"
    android:layout_width="300dp"
    android:layout_height="100dp"
    android:layout_marginTop="56dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.49"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/doctor"
    app:srcCompat="@drawable/infirmery_img"
    android:contentDescription="@string/infirmery_img" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

## Select role.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/bg3"
    tools:context=".Select_Role">

    <TextView
        android:id="@+id/select_role"
        android:layout_width="309dp"
        android:layout_height="62dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_marginStart="51dp"
        android:layout_marginTop="41dp"
        android:layout_marginEnd="51dp"
        android:fontFamily="@font/aclonica"
        android:text="@string/select_your_role1"
        android:textColor="#110849"
        android:textSize="28sp"
        android:textStyle="bold"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.497"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <GridLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/select_role"
        android:layout_marginTop="50dp"
        android:columnCount="2"
        android:rowCount="2">
```

```

<androidx.cardview.widget.CardView
    android:id="@+id/patient_btn"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_row="0"
    android:layout_rowWeight="1"
    android:layout_column="0"
    android:layout_columnWeight="1"
    android:layout_gravity="fill"
    android:layout_margin="20sp"
    app:cardCornerRadius="10dp"
    app:cardElevation="8dp">

    <LinearLayout
        android:layout_width="140dp"
        android:layout_height="170dp"
        android:layout_gravity="center_vertical|center_horizontal"
        android:gravity="center"
        android:orientation="vertical">

        <ImageView
            android:layout_width="113dp"
            android:layout_height="113dp"
            android:src="@drawable/patient" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:fontFamily="@font/aclonica"
            android:text="Patient"
            android:textAlignment="center"
            android:textColor="@color/black"
            android:textSize="20sp"
            android:textStyle="bold" />
    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:id="@+id/doctor_btn"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_row="0"
    android:layout_rowWeight="1"
    android:layout_column="1"
    android:layout_columnWeight="1"
    android:layout_gravity="fill"
    android:layout_margin="18sp"
    app:cardCornerRadius="10dp"
    app:cardElevation="8dp">

    <LinearLayout
        android:layout_width="140dp"
        android:layout_height="170dp"
        android:layout_gravity="center_vertical|center_horizontal"
        android:gravity="center"

```

```

        android:orientation="vertical">

        <ImageView
            android:layout_width="113dp"
            android:layout_height="113dp"
            android:src="@drawable/doctor1" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:fontFamily="@font/aclonica"
            android:text="Doctor"
            android:textAlignment="center"
            android:textColor="@color/black"
            android:textSize="20sp"
            android:textStyle="bold" />
    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:id="@+id/chemist_btn"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_row="1"
    android:layout_rowWeight="1"
    android:layout_column="0"
    android:layout_columnWeight="1"
    android:layout_gravity="fill"
    android:layout_margin="20sp"
    app:cardCornerRadius="10dp"
    app:cardElevation="8dp">

    <LinearLayout
        android:layout_width="140dp"
        android:layout_height="170dp"
        android:layout_gravity="center_vertical|center_horizontal"
        android:gravity="center"
        android:orientation="vertical">

        <ImageView
            android:layout_width="113dp"
            android:layout_height="113dp"
            android:src="@drawable/pharmacy" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:fontFamily="@font/aclonica"
            android:text="Chemist"
            android:textAlignment="center"
            android:textColor="@color/black"
            android:textSize="20sp"
            android:textStyle="bold" />
    </LinearLayout>
</androidx.cardview.widget.CardView>

```



```

<androidx.cardview.widget.CardView
    android:id="@+id/admin_btn"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_row="1"
    android:layout_rowWeight="1"
    android:layout_column="1"
    android:layout_columnWeight="1"
    android:layout_gravity="fill"
    android:layout_margin="18sp"
    app:cardCornerRadius="10dp"
    app:cardElevation="8dp">

    <LinearLayout
        android:layout_width="140dp"
        android:layout_height="170dp"
        android:layout_gravity="center_vertical|center_horizontal"
        android:gravity="center"
        android:orientation="vertical">

        <ImageView
            android:layout_width="113dp"
            android:layout_height="113dp"
            android:src="@drawable/admin" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:fontFamily="@font/aclonica"
            android:text="Admin"
            android:textAlignment="center"
            android:textColor="@color/black"
            android:textSize="20sp"
            android:textStyle="bold" />
    </LinearLayout>
</androidx.cardview.widget.CardView>
</GridLayout>
</RelativeLayout>

```

## Login Patient.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Login_Patient"
    android:layout_gravity="center"
    android:background="@color/login_bk_color"
    android:focusableInTouchMode="true"
    android:gravity="center">
    <ScrollView
        android:layout_width="match_parent"

```

```

android:layout_height="wrap_content"
android:layout_alignParentLeft="true"
android:layout_alignParentTop="true"
android:layout_centerInParent="true"
android:paddingTop="20dp">

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:padding="20dp">

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="221dp">

        <TextView
            style="@style/viewParent.headerText.NoMode"
            android:layout_alignParentStart="true"
            android:layout_alignParentBottom="true"
            android:text="Already\n have an \nAccount?"
            android:textSize="28sp">

        </TextView>

        <ImageView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentEnd="true"
            android:layout_alignParentBottom="true"
            android:src="@drawable/ic_register_hero" />

        <ImageView
            android:layout_width="100dp"
            android:layout_height="100dp"
            android:layout_alignParentLeft="true"
            android:layout_alignParentTop="true"
            android:layout_marginLeft="7dp"
            android:layout_marginTop="11dp"
            android:src="@drawable/patient" />

    </RelativeLayout>

    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/textInputUsernamePatient"
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin" >

        <EditText
            android:id="@+id/UsernamePatient"
            style="@style/modifiedEditText"
            android:drawableLeft="@drawable/ic_baseline_person_24"
            android:drawablePadding="20dp"
            android:hint="Username"

```

```

        android:inputType="text"
        android:textSize="16sp"
        android:textColor="@color/black"
        android:maxLines="1"
        android:minHeight="48dp"
        android:textStyle="bold"
        tools:ignore="SpeakableTextPresentCheck" />

</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputPassPatient"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin"
    android:focusableInTouchMode="true"
    android:focusable="true">

    <EditText
        android:id="@+id/PassPatient"
        style="@style/modifiedEditText"
        android:drawableLeft="@drawable/ic_baseline_lock_24"
        android:drawablePadding="20dp"
        android:hint="@string/login_password_hint"
        android:inputType="textPassword"
        android:textSize="16sp"
        android:textColor="@color/black"
        android:maxLines="1"
        android:minHeight="48dp"
        android:textStyle="bold"
        tools:ignore="SpeakableTextPresentCheck" />

</com.google.android.material.textfield.TextInputLayout>

<TextView
    android:id="@+id/forgotPassPatient"
    style="@style/viewParent"
    android:layout_gravity="end"
    android:layout_marginTop="10dp"
    android:text="@string/forgot_password_login"
    android:textColor="@color/primaryTextColor"
    android:textSize="@dimen/newsMoreTextSize" />

<TextView
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin"
    android:minHeight="48dp"
    android:onClick="onLoginClick"
    android:text="New User? Register Now"
    android:textAlignment="center"
    android:textColor="@color/themeColor"
    android:textSize="17sp"
    android:textStyle="bold"
    android:weightSum="12" />

```

```

        <br.com.simplepass.loading_button_lib.customViews.CircularProgressButton
            android:id="@+id/cirLoginButton"
            style="@style/loginButton"
            android:layout_gravity="center_horizontal"
            android:layout_marginTop="@dimen/loginViewsMargin"
            android:text="LOGIN"
            app:spinning_bar_color="#FFF"
            app:spinning_bar_padding="6dp"
            app:spinning_bar_width="4dp" />
    </LinearLayout>
</ScrollView>
</RelativeLayout>

```

### Login Doctor.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Login_Doctor"
    android:layout_gravity="center"
    android:background="@color/login_bk_color"
    android:focusableInTouchMode="true"
    android:gravity="center">
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:layout_centerInParent="true"
        android:paddingTop="20dp">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            android:padding="20dp">

            <RelativeLayout
                android:layout_width="match_parent"
                android:layout_height="221dp">

                <TextView
                    style="@style/viewParent.headerText.NoMode"
                    android:layout_alignParentStart="true"
                    android:layout_alignParentBottom="true"
                    android:text="Already\n have an \nAccount?"
                    android:textSize="28sp">

```

```

</TextView>

<ImageView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentBottom="true"
    android:src="@drawable/ic_register_hero" />

<ImageView
    android:layout_width="100dp"
    android:layout_height="100dp"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_marginLeft="7dp"
    android:layout_marginTop="11dp"
    android:src="@drawable/doctor1" />

</RelativeLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputUnameDoctor"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin" >

    <EditText
        android:id="@+id/DocID"
        style="@style/modifiedEditText"
        android:drawableLeft="@drawable/ic_baseline_person_24"
        android:drawablePadding="20dp"
        android:hint="Doctor ID"
        android:inputType="text"
        android:textSize="16sp"
        android:textColor="@color/black"
        android:maxLines="1"
        android:minHeight="48dp"
        android:textStyle="bold"
        tools:ignore="SpeakableTextPresentCheck" />

</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputPassDoctor"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin" >

    <EditText
        android:id="@+id/PassDoctor"

```

```

        style="@style/modifiedEditText"
        android:drawableLeft="@drawable/ic_baseline_lock_24"
        android:drawablePadding="20dp"
        android:hint="@string/login_password_hint"
        android:inputType="textPassword"
        android:textSize="16sp"
        android:textColor="@color/black"
        android:maxLines="1"
        android:minHeight="48dp"
        android:textStyle="bold"
        tools:ignore="SpeakableTextPresentCheck" />
</com.google.android.material.textfield.TextInputLayout>

```

```

<TextView
    android:id="@+id/forgotPassPatient"
    style="@style/viewParent"
    android:layout_gravity="end"
    android:layout_marginTop="10dp"
    android:text="@string/forgot_password_login"
    android:textColor="@color/primaryTextColor"
    android:textSize="@dimen/newsMoreTextSize" />

```

```

<br.com.simplepass.loading_button_lib.customViews.CircularProgressButton
    android:id="@+id/cirLoginButton"
    style="@style/loginButton"
    android:layout_gravity="center_horizontal"
    android:layout_marginTop="@dimen/loginViewsMargin"
    android:text="LOGIN"
    app:spinning_bar_color="#FFF"
    app:spinning_bar_padding="6dp"
    app:spinning_bar_width="4dp" />
</LinearLayout>
</ScrollView>
</RelativeLayout>

```

### Login Chemst.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Login_Doctor"
    android:layout_gravity="center"
    android:background="@color/login_bk_color"
    android:focusableInTouchMode="true"
    android:gravity="center">

```

```

<ScrollView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_centerInParent="true"
    android:paddingTop="20dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:padding="20dp">

        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="221dp">

            <TextView
                style="@style/viewParent.headerText.NoMode"
                android:layout_alignParentStart="true"
                android:layout_alignParentBottom="true"
                android:text="Already\n have an \nAccount?"
                android:textSize="28sp">

            </TextView>

            <ImageView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_alignParentEnd="true"
                android:layout_alignParentBottom="true"
                android:src="@drawable/ic_register_hero" />

            <ImageView
                android:layout_width="100dp"
                android:layout_height="100dp"
                android:layout_alignParentLeft="true"
                android:layout_alignParentTop="true"
                android:layout_marginLeft="7dp"
                android:layout_marginTop="11dp"
                android:src="@drawable/pharmacy" />

        </RelativeLayout>

        <com.google.android.material.textfield.TextInputLayout
            android:id="@+id/textInputLicense_Chemist"
            style="@style/parent"
            android:layout_marginTop="@dimen/loginViewsMargin" >

```

```

<EditText
    android:id="@+id/License_ID"
    style="@style/modifiedEditText"
    android:drawableLeft="@drawable/ic_baseline_person_24"
    android:drawablePadding="20dp"
    android:hint="License ID"
    android:inputType="text"
    android:textSize="16sp"
    android:textColor="@color/black"
    android:maxLines="1"
    android:minHeight="48dp"
    android:textStyle="bold"
    tools:ignore="SpeakableTextPresentCheck" />

</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputPassChemist"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin" >

    <EditText
        android:id="@+id/PassChemist"
        style="@style/modifiedEditText"
        android:drawableLeft="@drawable/ic_baseline_lock_24"
        android:drawablePadding="20dp"
        android:hint="@string/login_password_hint"
        android:inputType="textPassword"
        android:textSize="16sp"
        android:textColor="@color/black"
        android:maxLines="1"
        android:minHeight="48dp"
        android:textStyle="bold"
        tools:ignore="SpeakableTextPresentCheck" />

    </com.google.android.material.textfield.TextInputLayout>

    <TextView
        android:id="@+id/forgotPassChemist"
        style="@style/viewParent"
        android:layout_gravity="end"
        android:layout_marginTop="10dp"
        android:text="@string/forgot_password_login"
        android:textColor="@color/primaryTextColor"
        android:textSize="@dimen/newsMoreTextSize" />

```



```

        <br.com.simplepass.loading_button_lib.customViews.CircularProgressButton
            android:id="@+id/cirLoginButton"
            style="@style/loginButton"
            android:layout_gravity="center_horizontal"
            android:layout_marginTop="@dimen/loginViewsMargin"
            android:text="LOGIN"
            app:spinning_bar_color="#FFF"
            app:spinning_bar_padding="6dp"
            app:spinning_bar_width="4dp" />
    </LinearLayout>
</ScrollView>
</RelativeLayout>

```

### Login admin.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Login_Admin"
    android:layout_gravity="center"
    android:background="@color/login_bk_color"
    android:focusableInTouchMode="true"
    android:gravity="center">
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:layout_centerInParent="true"
        android:paddingTop="20dp">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            android:padding="20dp">

            <RelativeLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content">

                <TextView
                    style="@style/viewParent.headerText.NoMode"
                    android:layout_alignParentLeft="true"
                    android:layout_alignParentBottom="true"
                    android:text="Already\n have an \nAccount?"
                    android:textSize="28dp">

```

```

</TextView>

<ImageView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentRight="true"
    android:layout_alignParentBottom="true"
    android:src="@drawable/ic_register_hero" />

<ImageView
    android:layout_width="100dp"
    android:layout_height="100dp"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:src="@drawable/admin" />

</RelativeLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputUnameAdmin"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin" >

    <EditText
        android:id="@+id/UnameAdmin"
        style="@style/modifiedEditText"
        android:drawableLeft="@drawable/ic_baseline_person_24"
        android:drawablePadding="20dp"
        android:hint="Username"
        android:inputType="text"
        android:textSize="16dp"
        android:textColor="@color/black"
        android:maxLines="1"
        android:minHeight="48dp"
        android:textStyle="bold"
        tools:ignore="SpeakableTextPresentCheck" />

</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputPassPatient"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin" >

    <EditText
        android:id="@+id/PassAdmin"
        style="@style/modifiedEditText"
        android:drawableLeft="@drawable/ic_baseline_lock_24"

```

```

        android:drawablePadding="20dp"
        android:hint="@string/login_password_hint"
        android:inputType="textPassword"
        android:textSize="16dp"
        android:textColor="@color/black"
        android:maxLines="1"
        android:minHeight="48dp"
        android:textStyle="bold"
        tools:ignore="SpeakableTextPresentCheck" />
    </com.google.android.material.textfield.TextInputLayout>

```

```

    <TextView
        android:id="@+id/forgotPassAdmin"
        style="@style/viewParent"
        android:layout_gravity="end"
        android:layout_marginTop="10dp"
        android:text="@string/forgot_password_login"
        android:textColor="@color/primaryTextColor"
        android:textSize="@dimen/newsMoreTextSize" />

```

```

    <br.com.simplepass.loading_button_lib.customViews.CircularProgressButton
        android:id="@+id/cirLoginButton"
        style="@style/loginButton"
        android:layout_gravity="center_horizontal"
        android:layout_marginTop="@dimen/loginViewsMargin"
        android:text="LOGIN"
        app:spinning_bar_color="#FFF"
        app:spinning_bar_padding="6dp"
        app:spinning_bar_width="4dp" />

```

```

    </LinearLayout>

```

```

    </ScrollView>

```

```

</RelativeLayout>

```

### **Register\_Patient.xml :**

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Register_Patient"
    android:layout_gravity="center"
    android:background="@color/register_bk_color"
    android:focusableInTouchMode="true"
    android:gravity="center">

```

```

    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"

```

```

android:layout_alignParentTop="true">

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp"
    android:orientation="vertical"
    android:padding="20dp">

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content">

        <ImageView
            android:id="@+id/logo"
            android:layout_width="150dp"
            android:layout_height="150dp"
            android:layout_alignBottom="@+id/logo"
            android:layout_alignParentStart="true"
            android:layout_alignParentEnd="true"
            android:layout_marginStart="129dp"
            android:layout_marginEnd="122dp"
            android:layout_marginBottom="0dp"
            android:src="@drawable/patient"
            tools:ignore="NotSibling" />

        <TextView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_below="@id/logo"
            android:layout_alignParentStart="true"
            android:layout_alignParentEnd="true"
            android:layout_marginStart="0dp"
            android:layout_marginEnd="0dp"
            android:fontFamily="@font/aclonica"
            android:text="Patient Registration"
            android:textColor="#110849"
            android:textSize="28sp"
            android:textStyle="bold" />
    </RelativeLayout>

    <androidx.cardview.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="10dp"
        app:cardBackgroundColor="@color/whiteTextColor"
        app:cardCornerRadius="10dp">

        <LinearLayout
            android:layout_width="match_parent"

```

```

        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        android:orientation="vertical">

        <com.google.android.material.textfield.TextInputLayout
            android:id="@+id/textInputName"
            style="@style/parent"
            android:layout_marginTop="@dimen/loginViewsMargin">

            <EditText
                android:id="@+id/Name_Patient"
                style="@style/modifiedEditText"
                android:hint="@string/name_reg_patient"
                android:inputType="textPersonName"
                android:maxLines="1"
                android:textColor="@color/black"
                android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,TouchTargetSizeCheck,SpeakableTextPresent
Check,SpeakableTextPresentCheck" />
            </com.google.android.material.textfield.TextInputLayout>

        <com.google.android.material.textfield.TextInputLayout
            android:id="@+id/textInputUname"
            style="@style/parent"
            android:layout_marginTop="@dimen/loginViewsMargin">

            <EditText
                android:id="@+id/Uname_Patient"
                style="@style/modifiedEditText"
                android:hint="Username"
                android:inputType="textPersonName"
                android:maxLines="1"
                android:textColor="@color/black"
                android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,TouchTargetSizeCheck,SpeakableTextPresent
Check,SpeakableTextPresentCheck" />
            </com.google.android.material.textfield.TextInputLayout>

        <com.google.android.material.textfield.TextInputLayout
            android:id="@+id/textInputEmail"
            style="@style/parent"
            android:layout_marginTop="@dimen/loginViewsMargin">

            <EditText
                android:id="@+id/Email_Patient"
                style="@style/modifiedEditText"
                android:hint="Email ID"

```

```

        android:inputType="textEmailAddress"
        android:maxLines="1"
        android:textColor="@color/black"
        android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
    </com.google.android.material.textfield.TextInputLayout>

    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/textInputPhone"
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin">

        <EditText
            android:id="@+id/Phone_Patient"
            style="@style/modifiedEditText"
            android:hint="Contact Number"
            android:inputType="number"
            android:maxLines="1"
            android:textColor="@color/black"
            android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
    </com.google.android.material.textfield.TextInputLayout>

    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/textInputAddress"
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin">

        <EditText
            android:id="@+id/Address_Patient"
            style="@style/modifiedEditText"
            android:hint="Address"
            android:inputType="textPostalAddress"
            android:maxLines="3"
            android:textColor="@color/black"
            android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
    </com.google.android.material.textfield.TextInputLayout>

    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/textInputPinCode"
        style="@style/parent"

```

```

        android:layout_marginTop="@dimen/loginViewsMargin">

        <EditText
            android:id="@+id/PinCode_Patient"
            style="@style/modifiedEditText"
            android:hint="Pin Code"
            android:inputType="number"
            android:maxLines="1"
            android:textColor="@color/black"
            android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
        </com.google.android.material.textfield.TextInputLayout>

        <com.google.android.material.textfield.TextInputLayout
            android:id="@+id/textInputAge"
            style="@style/parent"
            android:layout_marginTop="@dimen/loginViewsMargin">

        <EditText
            android:id="@+id/Age_Patient"
            style="@style/modifiedEditText"
            android:hint="Age"
            android:inputType="number"
            android:maxLines="1"
            android:textColor="@color/black"
            android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
        </com.google.android.material.textfield.TextInputLayout>

        <com.google.android.material.textfield.TextInputLayout
            android:id="@+id/textInputPatientGender"
            style="@style/parent"
            android:layout_marginTop="@dimen/loginViewsMargin">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:textSize="12sp"
            android:textStyle="bold"
            android:text="Gender"
            android:textColor="#808080" />

        <Spinner
            android:id="@+id/drop_gender"
            android:layout_width="match_parent"

```

```

        android:layout_height="match_parent"
        android:layout_marginLeft="5dp"
        android:layout_marginRight="5dp"
        android:background="@android:drawable/btn_dropdown"
        tools:ignore="SpeakableTextPresentCheck"/>

</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/profilePatient"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="5dp"
        android:textSize="12sp"
        android:textStyle="bold"
        android:text="Profile Photo"
        android:textColor="#808080" />

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_gravity="center">

        <ImageView
            android:id="@+id/profile_img"
            android:layout_width="100dp"
            android:layout_height="100dp"
            android:layout_gravity="center"
            android:layout_margin="10dp"
            android:src="@drawable/ic_baseline_image_24"
            android:contentDescription="TODO" />

        <Button
            android:id="@+id/Browse_profile"
            android:layout_width="100dp"
            android:layout_height="50dp"
            android:layout_margin="10dp"
            android:layout_gravity="center"
            android:text="Browse"/>
    </LinearLayout>
</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputPassword"
    style="@style/parent"

```



```

        android:layout_marginTop="@dimen/loginViewsMargin"
        app:passwordToggleEnabled="true"
        android:focusableInTouchMode="true"
        android:focusable="true">

        <EditText
            android:id="@+id/Password_Patient"
            style="@style/modifiedEditText"
            android:hint="Password"
            android:inputType="textPassword"
            android:textColor="@color/black"
            android:textStyle="bold"
            android:maxLength="24"
            />
    </com.google.android.material.textfield.TextInputLayout>

    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/textInputConfirmPassword"
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin"
        app:passwordToggleEnabled="true"
        android:focusableInTouchMode="true"
        android:focusable="true">

        <EditText
            android:id="@+id/ConfirmPassword_Patient"
            style="@style/modifiedEditText"
            android:hint="ConfirmPassword"
            android:inputType="textPassword"
            android:textColor="@color/black"
            android:textStyle="bold"
            android:maxLength="24"
            />
    </com.google.android.material.textfield.TextInputLayout>

    <br.com.simplepass.loading_button_lib.customViews.CircularProgressButton
        android:id="@+id/cirRegisterButton"
        style="@style/loginButton"
        android:layout_gravity="center_horizontal"
        android:layout_marginTop="@dimen/loginViewsMargin"
        android:text="@string/register_patient"
        app:initialCornerAngle="27dp"
        app:spinning_bar_color="#FFF"
        app:spinning_bar_padding="6dp"
        app:spinning_bar_width="4dp" />

    <TextView
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin"

```

```

        android:onClick="onLoginClick"
        android:text="@string/already_have_an_account"
        android:textAlignment="center"
        android:textColor="@color/themeColor"
        android:textSize="17sp"
        android:textStyle="bold"
        tools:ignore="TouchTargetSizeCheck" />
    </LinearLayout>

</androidx.cardview.widget.CardView>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:gravity="center"
    android:weightSum="12">

    <View
        android:layout_width="0dp"
        android:layout_height="1dp"
        android:layout_weight="3"
        android:background="@color/whiteTextColor" />

    <TextView
        style="@style/viewParent.headerText.NoMode"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="6"
        android:text="@string/use_other_methods"
        android:textAlignment="center"
        android:textColor="@color/whiteTextColor"
        android:textSize="12sp" />

    <View
        android:layout_width="0dp"
        android:layout_height="1dp"
        android:layout_weight="3"
        android:background="@color/whiteTextColor" />
    </LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="26dp"
    android:layout_marginBottom="30dp"
    android:gravity="center">

    <ImageView
        android:layout_width="wrap_content"

```

```

        android:layout_height="wrap_content"
        android:src="@drawable/ic_facebook"
        android:layout_margin="5dp"/>

        <ImageView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:src="@drawable/ic_google_plus"
            android:layout_margin="5dp"/>

    </LinearLayout>
</LinearLayout>

</ScrollView>
<View
    android:layout_width="11dp"
    android:layout_height="match_parent"
    android:layout_alignParentTop="true"
    android:layout_alignParentRight="true"
    android:layout_marginTop="20dp"
    android:background="@drawable/ic_side_bg"/>

<ImageView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentLeft="true"
    android:layout_alignParentBottom="true"
    android:layout_marginRight="11dp"
    android:layout_marginBottom="30dp"
    android:adjustViewBounds="false"
    android:onClick="onLoginClick"
    android:src="@drawable/ic_back_img"
    tools:ignore="SpeakableTextPresentCheck,ImageContrastCheck" />

</RelativeLayout>
Register_Doctor.xml :
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Register_Doctor"
    android:layout_gravity="center"
    android:background="@color/register_bk_color"
    android:focusableInTouchMode="true"
    android:gravity="center">

    <ScrollView

```

```
android:layout_width="match_parent"
android:layout_height="match_parent"
android:layout_alignParentTop="true">
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp"
    android:orientation="vertical"
    android:padding="20dp">
```

```
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
```

```
<ImageView
    android:id="@+id/logo"
    android:layout_width="150dp"
    android:layout_height="150dp"
    android:layout_alignBottom="@+id/logo"
    android:layout_alignParentStart="true"
    android:layout_alignParentEnd="true"
    android:layout_marginStart="129dp"
    android:layout_marginEnd="122dp"
    android:layout_marginBottom="0dp"
    android:src="@drawable/doctor1"
    tools:ignore="NotSibling" />
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_below="@id/logo"
    android:layout_alignParentStart="true"
    android:layout_alignParentEnd="true"
    android:layout_marginStart="9dp"
    android:layout_marginEnd="-9dp"
    android:fontFamily="@font/aclonica"
    android:text="Doctor Registration"
    android:textColor="#110849"
    android:textSize="26sp"
    android:textStyle="bold" />
```

```
</RelativeLayout>
```

```
<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="10dp"
    app:cardBackgroundColor="@color/whiteTextColor"
```

```

app:cardCornerRadius="10dp">

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    android:orientation="vertical">

    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/textInputDoctorName"
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin">

        <EditText
            android:id="@+id/Name_Doctor"
            style="@style/modifiedEditText"
            android:hint="Doctor Name"
            android:inputType="textPersonName"
            android:maxLines="1"
            android:textColor="@color/black"
            android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,TouchTargetSizeCheck,SpeakableTextPresent
Check,SpeakableTextPresentCheck" />
    </com.google.android.material.textfield.TextInputLayout>
    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/textInputDoctorID"
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin">

        <EditText
            android:id="@+id/ID_Doctor"
            style="@style/modifiedEditText"
            android:hint="Doctor ID"
            android:inputType="textPersonName"
            android:maxLines="1"
            android:textColor="@color/black"
            android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,TouchTargetSizeCheck,SpeakableTextPresent
Check,SpeakableTextPresentCheck" />
    </com.google.android.material.textfield.TextInputLayout>
    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/textInputEmail"
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin">

        <EditText
            android:id="@+id/Email_Doctor"
            style="@style/modifiedEditText"

```

```

        android:hint="Email ID"
        android:inputType="textEmailAddress"
        android:maxLines="1"
        android:textColor="@color/black"
        android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputPhone"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin">

    <EditText
        android:id="@+id/Phone_Doctor"
        style="@style/modifiedEditText"
        android:hint="Contact Number"
        android:inputType="number"
        android:maxLines="1"
        android:textColor="@color/black"
        android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputAddress"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin">

    <EditText
        android:id="@+id/Address_Doctor"
        style="@style/modifiedEditText"
        android:hint="Address"
        android:inputType="textPostalAddress"
        android:maxLines="3"
        android:textColor="@color/black"
        android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputDoctorSpecialization"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin">

```

```

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            style="@style/modifiedEditText"
            android:layout_margin="5dp"
            android:textSize="12sp"
            android:textStyle="bold"
            android:text="Specialization"
            android:textColor="#808080" />

        <Spinner
            android:id="@+id/drop_specialization"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_marginLeft="5dp"
            android:layout_marginRight="5dp"
            android:background="@android:drawable/btn_dropdown"
            tools:ignore="SpeakableTextPresentCheck"/>
    </com.google.android.material.textfield.TextInputLayout>

    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/textInputDoctorGender"
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:textSize="12sp"
            android:textStyle="bold"
            android:text="Gender"
            android:textColor="#808080" />

        <Spinner
            android:id="@+id/drop_gender"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_marginLeft="5dp"
            android:layout_marginRight="5dp"
            android:background="@android:drawable/btn_dropdown"

            tools:ignore="SpeakableTextPresentCheck,TouchTargetSizeCheck,TouchTargetSize
            Check" />

    </com.google.android.material.textfield.TextInputLayout>

    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/textDescription"
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin">

```

```

        <EditText
            android:id="@+id/Description_Doctor"
            style="@style/modifiedEditText"
            android:hint="Description"
            android:inputType="text"
            android:maxLines="3"
            android:textColor="@color/black"
            android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
    </com.google.android.material.textfield.TextInputLayout>
    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/profileDoctor"
        style="@style/parent"
        android:layout_marginTop="@dimen/loginViewsMargin">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:textSize="12sp"
            android:textStyle="bold"
            android:text="Profile Photo"
            android:textColor="#808080" />

        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="horizontal"
            android:layout_gravity="center">

        <ImageView
            android:id="@+id/profile_img"
            android:layout_width="100dp"
            android:layout_height="100dp"
            android:layout_gravity="center"
            android:layout_margin="10dp"
            android:src="@drawable/ic_baseline_image_24"
            android:contentDescription="TODO" />

        <Button
            android:id="@+id/Browse_profile"
            android:layout_width="100dp"
            android:layout_height="50dp"
            android:layout_margin="10dp"
            android:layout_gravity="center"
            android:text="Browse"/>
    </LinearLayout>
</com.google.android.material.textfield.TextInputLayout>

```



```

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputPassword"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin"
    app:passwordToggleEnabled="true"
    android:focusableInTouchMode="true"
    android:focusable="true">

```

```

<EditText
    android:id="@+id/Password_Doctor"
    style="@style/modifiedEditText"
    android:hint="Password"
    android:inputType="textPassword"
    android:maxLength="24"
    android:textColor="@color/black"
    android:textStyle="bold"
    tools:ignore="SpeakableTextPresentCheck" />

```

```

</com.google.android.material.textfield.TextInputLayout>
<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputConfirmPassword"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin"
    app:passwordToggleEnabled="true"
    android:focusableInTouchMode="true"
    android:focusable="true">

```

```

<EditText
    android:id="@+id/ConfirmPassword_Doctor"
    style="@style/modifiedEditText"
    android:hint="ConfirmPassword"
    android:inputType="textPassword"
    android:maxLength="24"
    android:textColor="@color/black"
    android:textStyle="bold"
    tools:ignore="SpeakableTextPresentCheck" />

```

```

</com.google.android.material.textfield.TextInputLayout>

```

```

<br.com.simplepass.loading_button_lib.customViews.CircularProgressButton
    android:id="@+id/cirRegisterButton"
    style="@style/loginButton"
    android:layout_gravity="center_horizontal"
    android:layout_marginTop="@dimen/loginViewsMargin"
    android:text="@string/register_patient"
    app:initialCornerAngle="27dp"
    app:spinning_bar_color="#FFF"
    app:spinning_bar_padding="6dp"
    app:spinning_bar_width="4dp" />

```

```

        <TextView
            style="@style/parent"
            android:layout_marginTop="@dimen/loginViewsMargin"
            android:onClick="onLoginClick"
            android:text="@string/already_have_an_account"
            android:textAlignment="center"
            android:textColor="@color/themeColor"
            android:textSize="17sp"
            android:textStyle="bold"
            tools:ignore="TouchTargetSizeCheck" />
    </LinearLayout>

</androidx.cardview.widget.CardView>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:gravity="center"
    android:weightSum="12">

    <View
        android:layout_width="0dp"
        android:layout_height="1dp"
        android:layout_weight="3"
        android:background="@color/whiteTextColor" />

    <TextView
        style="@style/viewParent.headerText.NoMode"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="6"
        android:text="@string/use_other_methods"
        android:textAlignment="center"
        android:textColor="@color/whiteTextColor"
        android:textSize="12sp" />

    <View
        android:layout_width="0dp"
        android:layout_height="1dp"
        android:layout_weight="3"
        android:background="@color/whiteTextColor" />
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="26dp"
    android:layout_marginBottom="30dp"
    android:gravity="center">

    <ImageView

```

```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:src="@drawable/ic_facebook"
        android:layout_margin="5dp"/>

        <ImageView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:src="@drawable/ic_google_plus"
            android:layout_margin="5dp"/>

    </LinearLayout>
</LinearLayout>

</ScrollView>
<View
    android:layout_width="11dp"
    android:layout_height="match_parent"
    android:layout_alignParentTop="true"
    android:layout_alignParentRight="true"
    android:layout_marginTop="20dp"
    android:background="@drawable/ic_side_bg"/>

<ImageView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentLeft="true"
    android:layout_alignParentBottom="true"
    android:layout_marginRight="11dp"
    android:layout_marginBottom="30dp"
    android:adjustViewBounds="false"
    android:onClick="onLoginClick"
    android:src="@drawable/ic_back_img"
    tools:ignore="SpeakableTextPresentCheck,ImageContrastCheck" />

</RelativeLayout>

```

### **Register\_Chemist.xml :**

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Register_Chemist"
    android:layout_gravity="center"
    android:background="@color/register_bk_color"
    android:focusableInTouchMode="true"

```

```
android:gravity="center">
```

```
<ScrollView
```

```
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:layout_alignParentTop="true"  
    android:layout_marginTop="8dp">
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="5dp"  
    android:orientation="vertical"  
    android:padding="20dp">
```

```
<RelativeLayout
```

```
    android:layout_width="match_parent"  
    android:layout_height="wrap_content">
```

```
<ImageView
```

```
    android:id="@+id/logo"  
    android:layout_width="150dp"  
    android:layout_height="150dp"  
    android:layout_alignBottom="@+id/logo"  
    android:layout_alignParentStart="true"  
    android:layout_alignParentEnd="true"  
    android:layout_marginStart="129dp"  
    android:layout_marginEnd="122dp"  
    android:layout_marginBottom="0dp"  
    android:src="@drawable/pharmacy"  
    tools:ignore="NotSibling" />
```

```
<TextView
```

```
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:layout_below="@+id/logo"  
    android:layout_alignParentStart="true"  
    android:layout_alignParentEnd="true"  
    android:layout_marginStart="0dp"  
    android:layout_marginEnd="0dp"  
    android:fontFamily="@font/acronica"  
    android:text="Chemist Registration"  
    android:textColor="#110849"  
    android:textSize="26sp"  
    android:textStyle="bold" />
```

```
</RelativeLayout>
```

```
<androidx.cardview.widget.CardView
```

```
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"
```

```

        android:layout_marginTop="10dp"
        app:cardBackgroundColor="@color/whiteTextColor"
        app:cardCornerRadius="10dp">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="10dp"
            android:orientation="vertical">

            <com.google.android.material.textfield.TextInputLayout
                android:id="@+id/textInputStoreName"
                style="@style/parent"
                android:layout_marginTop="@dimen/loginViewsMargin">

                <EditText
                    android:id="@+id/StoreName_Chemist"
                    style="@style/modifiedEditText"
                    android:hint="Store Name"
                    android:inputType="text"
                    android:maxLines="1"
                    android:textColor="@color/black"
                    android:textStyle="bold"

```

```

tools:ignore="TouchTargetSizeCheck,TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPresentCheck" />

```

```

        </com.google.android.material.textfield.TextInputLayout>

```

```

        <com.google.android.material.textfield.TextInputLayout
            android:id="@+id/textInputOwnerName"
            style="@style/parent"
            android:layout_marginTop="@dimen/loginViewsMargin">

```

```

            <EditText
                android:id="@+id/OwnerName_Chemist"
                style="@style/modifiedEditText"
                android:hint="Owner Name"
                android:inputType="textPersonName"
                android:maxLines="1"
                android:textColor="@color/black"
                android:textStyle="bold"

```

```

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPresentCheck" />

```

```

        </com.google.android.material.textfield.TextInputLayout>

```

```

        <com.google.android.material.textfield.TextInputLayout
            android:id="@+id/textInputLicense_ID"
            style="@style/parent"
            android:layout_marginTop="@dimen/loginViewsMargin">

```

```

        <EditText
            android:id="@+id/License_Chemist"
            style="@style/modifiedEditText"
            android:hint="License ID"
            android:inputType="text"
            android:maxLines="1"
            android:textColor="@color/black"
            android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
        </com.google.android.material.textfield.TextInputLayout>

        <com.google.android.material.textfield.TextInputLayout
            android:id="@+id/textInputPhone"
            style="@style/parent"
            android:layout_marginTop="@dimen/loginViewsMargin">

            <EditText
                android:id="@+id/Phone_Chemist"
                style="@style/modifiedEditText"
                android:hint="Contact Number"
                android:inputType="number"
                android:maxLines="1"
                android:textColor="@color/black"
                android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
            </com.google.android.material.textfield.TextInputLayout>

            <com.google.android.material.textfield.TextInputLayout
                android:id="@+id/textInputAddress"
                style="@style/parent"
                android:layout_marginTop="@dimen/loginViewsMargin">

                <EditText
                    android:id="@+id/Address_chemist"
                    style="@style/modifiedEditText"
                    android:hint="Address"
                    android:inputType="textPostalAddress"
                    android:maxLines="3"
                    android:textColor="@color/black"
                    android:textStyle="bold"

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPre
sentCheck" />
                </com.google.android.material.textfield.TextInputLayout>

```

```

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputLandmark"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin">

```

```

    <EditText
        android:id="@+id/PinCode_Chemist"
        style="@style/modifiedEditText"
        android:hint="Pin Code"
        android:inputType="number"
        android:maxLines="1"
        android:textColor="@color/black"
        android:textStyle="bold"

```

```

tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck,SpeakableTextPresentCheck" />

```

```

    </com.google.android.material.textfield.TextInputLayout>

```

```

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/profileChemist"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin">

```

```

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="5dp"
        android:textSize="12sp"
        android:textStyle="bold"
        android:text="Profile Photo"
        android:textColor="#808080" />

```

```

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_gravity="center">

```

```

        <ImageView
            android:id="@+id/profile_img"
            android:layout_width="100dp"
            android:layout_height="100dp"
            android:layout_gravity="center"
            android:layout_margin="10dp"
            android:src="@drawable/ic_baseline_image_24"
            android:contentDescription="TODO" />

```

```

        <Button
            android:id="@+id/Browse_profile"
            android:layout_width="100dp"
            android:layout_height="50dp"

```

```

        android:layout_margin="10dp"
        android:layout_gravity="center"
        android:text="Browse"/>
    </LinearLayout>
</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputPassword"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin"
    app:passwordToggleEnabled="true"
    android:focusable="true"
    android:focusableInTouchMode="true">

    <EditText
        android:id="@+id/Password_Chemist"
        style="@style/modifiedEditText"
        android:hint="Password"
        android:inputType="textPassword"
        android:textColor="@color/black"
        android:textStyle="bold"
        android:maxLength="24"
        tools:ignore="SpeakableTextPresentCheck" />
</com.google.android.material.textfield.TextInputLayout>

<com.google.android.material.textfield.TextInputLayout
    android:id="@+id/textInputConfirmPassword"
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin"
    app:passwordToggleEnabled="true"
    android:focusableInTouchMode="true"
    android:focusable="true">

    <EditText
        android:id="@+id/ConfirmPassword_Chemist"
        style="@style/modifiedEditText"
        android:hint="ConfirmPassword"
        android:inputType="textPassword"
        android:textColor="@color/black"
        android:textStyle="bold"
        android:maxLength="24"
        tools:ignore="SpeakableTextPresentCheck" />
</com.google.android.material.textfield.TextInputLayout>

<br.com.simplepass.loading_button_lib.customViews.CircularProgressButton
    android:id="@+id/cirRegisterButton"
    style="@style/loginButton"

```



```

        android:layout_gravity="center_horizontal"
        android:layout_marginTop="@dimen/loginViewsMargin"
        android:text="@string/register_patient"
        app:initialCornerAngle="27dp"
        app:spinning_bar_color="#FFF"
        app:spinning_bar_padding="6dp"
        app:spinning_bar_width="4dp" />

<TextView
    style="@style/parent"
    android:layout_marginTop="@dimen/loginViewsMargin"
    android:onClick="onLoginClick"
    android:text="@string/already_have_an_account"
    android:textAlignment="center"
    android:textColor="@color/themeColor"
    android:textSize="17sp"
    android:textStyle="bold"
    tools:ignore="TouchTargetSizeCheck" />
</LinearLayout>

</androidx.cardview.widget.CardView>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:gravity="center"
    android:weightSum="12">

    <View
        android:layout_width="0dp"
        android:layout_height="1dp"
        android:layout_weight="3"
        android:background="@color/whiteTextColor" />

    <TextView
        style="@style/viewParent.headerText.NoMode"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="6"
        android:text="@string/use_other_methods"
        android:textAlignment="center"
        android:textColor="@color/whiteTextColor"
        android:textSize="12sp" />

    <View
        android:layout_width="0dp"
        android:layout_height="1dp"
        android:layout_weight="3"
        android:background="@color/whiteTextColor" />

```

```

</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="26dp"
    android:layout_marginBottom="30dp"
    android:gravity="center">

    <ImageView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:src="@drawable/ic_facebook"
        android:layout_margin="5dp"/>

    <ImageView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:src="@drawable/ic_google_plus"
        android:layout_margin="5dp"/>

</LinearLayout>
</LinearLayout>

</ScrollView>

<View
    android:layout_width="11dp"
    android:layout_height="match_parent"
    android:layout_alignParentTop="true"
    android:layout_alignParentRight="true"
    android:layout_marginTop="20dp"
    android:background="@drawable/ic_side_bg"/>

<ImageView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentLeft="true"
    android:layout_alignParentBottom="true"
    android:layout_marginRight="11dp"
    android:layout_marginBottom="30dp"
    android:adjustViewBounds="false"
    android:onClick="onLoginClick"
    android:src="@drawable/ic_back_img"
    tools:ignore="SpeakableTextPresentCheck" />

</RelativeLayout>
Home_Patient.xml:
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout

```

```

xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".Home_Patient">
<androidx.constraintlayout.widget.ConstraintLayout
    android:id="@+id/LayoutHeader"
    android:layout_width="match_parent"
    android:layout_height="0dp"
    android:scaleType="centerCrop"
    android:background="@color/register_bk_color"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHeight_percent="0.15"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0">

    <TextView
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="16dp"
        android:layout_marginEnd="104dp"
        android:fontFamily="@font/carter_one"
        android:gravity="center"
        android:text="WELCOME"
        android:textColor="#ffff"
        android:textSize="30sp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        tools:ignore="TextContrastCheck" />

    <androidx.cardview.widget.CardView
        android:id="@+id/navigation"
        android:layout_width="35dp"
        android:layout_height="35dp"
        android:layout_marginTop="16dp"
        android:background="@color/login_bk_color"
        app:layout_constraintEnd_toStartOf="@+id/textView2"
        app:layout_constraintHorizontal_bias="0.284"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <ImageView
            android:layout_width="30dp"
            android:layout_height="30dp"
            android:src="@drawable/nav" />
    </androidx.cardview.widget.CardView>

```

```

</androidx.constraintlayout.widget.ConstraintLayout>

<androidx.constraintlayout.widget.ConstraintLayout
    android:layout_width="match_parent"
    android:layout_height="0dp"
    android:background="@drawable/white_bg"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHeight_percent=".92"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="1.0">

    <androidx.viewpager.widget.ViewPager
        android:id="@+id/home_patient_viewpager"
        android:layout_width="match_parent"
        android:layout_height="0dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHeight_percent=".9"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/tab_layout_home_patient"
        app:layout_constraintVertical_bias="0"
        tools:ignore="SpeakableTextPresentCheck">

    </androidx.viewpager.widget.ViewPager>

    <com.google.android.material.tabs.TabLayout
        android:id="@+id/tab_layout_home_patient"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0"
        tools:ignore="SpeakableTextPresentCheck" >

        <com.google.android.material.tabs.TabItem
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Doctor"/>

        <com.google.android.material.tabs.TabItem
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Chemist"/>

    </com.google.android.material.tabs.TabLayout>

```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

### **Patient\_Doctor\_Fragment.xml :**

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:id="@+id/wrapper"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    tools:context=".Fragment.Patient_Doctor_Fragment">
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="wrap_content">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical">

            <EditText
                android:id="@+id/search_doc"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_margin="10dp"
                android:drawableLeft="@drawable/ic_baseline_search_24"
                android:drawablePadding="10dp"
                android:hint="Search Doctor"
                android:minHeight="48dp"
                android:padding="10dp"
                android:textColor="@color/black" />

            <HorizontalScrollView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_marginTop="10dp"
                android:layout_marginBottom="10dp">

                <LinearLayout
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:orientation="horizontal">

                    <androidx.cardview.widget.CardView
                        android:id="@+id/familydoctor"
                        android:layout_width="120dp"
                        android:layout_height="30dp"
```

```

        android:layout_margin="10dp"
        app:cardCornerRadius="20dp"
        app:cardElevation="10dp">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:gravity="center"
            android:text="Family Physician"
            android:textSize="14sp"
            android:textStyle="bold" />
    </androidx.cardview.widget.CardView>

    <androidx.cardview.widget.CardView
        android:id="@+id/paediatrician"
        android:layout_width="100dp"
        android:layout_height="30dp"
        android:layout_margin="10dp"
        app:cardCornerRadius="20dp"
        app:cardElevation="10dp">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:gravity="center"
            android:text="Paediatrician"
            android:textSize="14sp"
            android:textStyle="bold" />
    </androidx.cardview.widget.CardView>

    <androidx.cardview.widget.CardView
        android:id="@+id/diatitian"
        android:layout_width="70dp"
        android:layout_height="30dp"
        android:layout_margin="10dp"
        app:cardCornerRadius="20dp"
        app:cardElevation="10dp">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:gravity="center"
            android:text="Dietitian"
            android:textSize="14sp"
            android:textStyle="bold" />
    </androidx.cardview.widget.CardView>

```

```

<androidx.cardview.widget.CardView
    android:id="@+id/psychiatrist"
    android:layout_width="90dp"
    android:layout_height="30dp"
    android:layout_margin="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="5dp"
        android:gravity="center"
        android:text="Psychiatrist"
        android:textSize="14sp"
        android:textStyle="bold" />
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:id="@+id/dentist"
    android:layout_width="60dp"
    android:layout_height="30dp"
    android:layout_margin="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="5dp"
        android:gravity="center"
        android:text="Dentist"
        android:textSize="14sp"
        android:textStyle="bold" />
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:id="@+id/opthalmologist"
    android:layout_width="110dp"
    android:layout_height="30dp"
    android:layout_margin="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="5dp"
        android:gravity="center"
        android:text="Ophthalmologist"

```

```

        android:textSize="14sp"
        android:textStyle="bold" />
    </androidx.cardview.widget.CardView>

    <androidx.cardview.widget.CardView
        android:id="@+id/dermatologist"
        android:layout_width="100dp"
        android:layout_height="30dp"
        android:layout_margin="10dp"
        app:cardCornerRadius="20dp"
        app:cardElevation="10dp">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:gravity="center"
            android:text="Dermatologist"
            android:textSize="14sp"
            android:textStyle="bold" />
        </androidx.cardview.widget.CardView>
    </LinearLayout>
</HorizontalScrollView>

<androidx.recyclerview.widget.RecyclerView
    android:id="@+id/doctor_View"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginStart="5dp">

</androidx.recyclerview.widget.RecyclerView>
</LinearLayout>
</ScrollView>

</FrameLayout>

```

**Fragment\_Patient\_BookAppontment :**

```

<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:background="@color/register_bk_color"
    tools:context=".Fragment.Patient_BookAppointment">

    <LinearLayout
        android:layout_width="match_parent"

```



```

        android:layout_height="wrap_content"
        android:orientation="vertical">

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="160dp"
    app:cardCornerRadius="20dp">
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:layout_gravity="center">

        <de.hdodenhof.circleimageview.CircleImageView
            android:id="@+id/doc_profileHolder"
            android:layout_width="100dp"
            android:layout_height="100dp"
            android:layout_margin="10dp" />

        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="horizontal">
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textSize="20sp"
                android:textStyle="bold"
                android:textColor="@color/themeColor"
                android:text="Dr. " />
            <TextView
                android:id="@+id/doc_nameholder"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textStyle="bold"
                android:textColor="@color/themeColor"
                android:textSize="20sp" />
            </LinearLayout>
        </LinearLayout>
    </androidx.cardview.widget.CardView>

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:layout_gravity="center"
        android:layout_margin="10dp">
        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"

```

```

        android:orientation="horizontal">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textSize="20sp"
            android:textStyle="bold"
            android:textColor="@color/whiteTextColor"
            android:text="Specialization : "/>
        <TextView
            android:id="@+id/doc_specializationholder"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textStyle="bold"
            android:textColor="@color/whiteTextColor"
            android:textSize="20sp"/>
    </LinearLayout>

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_gravity="center"
        android:layout_margin="10dp">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textSize="20sp"
            android:textStyle="bold"
            android:textColor="@color/whiteTextColor"
            android:text="Contact No : "/>
        <TextView
            android:id="@+id/doc_contactholder"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textStyle="bold"
            android:textColor="@color/whiteTextColor"
            android:textSize="20sp"/>
    </LinearLayout>

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_gravity="center"
        android:layout_margin="10dp">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"

```

```

        android:textSize="20sp"
        android:textStyle="bold"
        android:textColor="@color/whiteTextColor"
        android:text="Address : "/>
    <TextView
        android:id="@+id/doc_addressholder"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textStyle="bold"
        android:textColor="@color/whiteTextColor"
        android:textSize="20sp"/>
</LinearLayout>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_gravity="center"
    android:layout_margin="10dp">

    <TextView
        android:id="@+id/doc_descriptionholder"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textStyle="bold"
        android:textColor="@color/whiteTextColor"
        android:textSize="20sp"/>
    </LinearLayout>
</LinearLayout>

<androidx.cardview.widget.CardView
    android:id="@+id/BookAppointment"
    android:layout_width="200dp"
    android:layout_height="50dp"
    app:cardCornerRadius="20dp"
    android:layout_gravity="center">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Book Appointment"
        android:layout_gravity="center"
        android:textSize="16sp"
        android:textColor="@color/black"
        android:textStyle="bold"/>
    </androidx.cardview.widget.CardView>
</LinearLayout>
</FrameLayout>

```

Patient\_Chemist\_Fragment :

```

<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:id="@+id/wrapper1"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    tools:context=".Fragment.Patient_Chemist_Fragment">

    <!-- TODO: Update blank fragment layout -->

    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="wrap_content">
        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical">

            <EditText
                android:id="@+id/search_chem"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_margin="10dp"
                android:drawableLeft="@drawable/ic_baseline_search_24"
                android:drawablePadding="10dp"
                android:hint="Search Chemist"
                android:minHeight="48dp"
                android:padding="10dp"
                android:textColor="@color/black" />

            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Nearby Medical Stores"
                android:textSize="24sp"
                android:textStyle="bold"
                android:textColor="@color/black"
                android:layout_margin="10dp"/>

            <androidx.recyclerview.widget.RecyclerView
                android:id="@+id/chem_list_view"
                android:layout_width="match_parent"
                android:layout_height="wrap_content" />

        </LinearLayout>

    </ScrollView>

```

</FrameLayout>

Fragment\_Patient\_BookPrescription :

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@color/register_bk_color"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    tools:context=".Fragment.Patient_BookPrescription">
```

```
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">
```

```
        <androidx.cardview.widget.CardView
            android:layout_width="match_parent"
            android:layout_height="160dp"
            app:cardCornerRadius="20dp">
```

```
            <LinearLayout
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:orientation="vertical"
                android:layout_gravity="center">
```

```
                <de.hdodenhof.circleimageview.CircleImageView
                    android:id="@+id/chem_profileHolder"
                    android:layout_width="100dp"
                    android:layout_height="100dp"
                    android:layout_gravity="center"
                    android:layout_margin="10dp" />
```

```
                <TextView
                    android:id="@+id/chem_storeholder"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:textStyle="bold"
                    android:textColor="@color/themeColor"
                    android:textSize="20sp"/>
```

```
            </LinearLayout>
```

```
        </androidx.cardview.widget.CardView>
```

```
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical"
```

```

        android:layout_gravity="center"
        android:layout_margin="10dp">
        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="horizontal">
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textSize="20sp"
                android:textStyle="bold"
                android:textColor="@color/whiteTextColor"
                android:text="Owner Name : "/>
            <TextView
                android:id="@+id/chem_ownershipholder"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textStyle="bold"
                android:textColor="@color/whiteTextColor"
                android:textSize="20sp"/>
        </LinearLayout>

        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="horizontal"
            android:layout_gravity="center"
            android:layout_margin="10dp">

            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textSize="20sp"
                android:textStyle="bold"
                android:textColor="@color/whiteTextColor"
                android:text="Contact No : "/>
            <TextView
                android:id="@+id/chem_contactholder"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textStyle="bold"
                android:textColor="@color/whiteTextColor"
                android:textSize="20sp"/>
        </LinearLayout>

        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="horizontal"
            android:layout_gravity="center"

```

```

        android:layout_margin="10dp">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textSize="20sp"
            android:textStyle="bold"
            android:textColor="@color/whiteTextColor"
            android:text="Address : "/>
        <TextView
            android:id="@+id/chem_addressholder"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textStyle="bold"
            android:textColor="@color/whiteTextColor"
            android:textSize="20sp"/>
    </LinearLayout>

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_gravity="center"
        android:layout_margin="10dp">

        <TextView
            android:id="@+id/chem_pinholder"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textStyle="bold"
            android:textColor="@color/whiteTextColor"
            android:textSize="20sp"/>
    </LinearLayout>
</LinearLayout>

<androidx.cardview.widget.CardView
    android:id="@+id/BookPrescription"
    android:layout_width="200dp"
    android:layout_height="50dp"
    app:cardCornerRadius="20dp"
    android:layout_gravity="center">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Book Prescription"
        android:layout_gravity="center"
        android:textSize="16sp"
        android:textColor="@color/black"
        android:textStyle="bold"/>

```

```
</androidx.cardview.widget.CardView>
```

```
</LinearLayout>
```

```
</FrameLayout>
```

### **Patient\_Chemist\_Fragment.xml :**

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:id="@+id/wrapper1"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    tools:context=".Fragment.Patient_Chemist_Fragment">
```

```
<!-- TODO: Update blank fragment layout -->
```

```
<ScrollView
```

```
    android:layout_width="match_parent"
    android:layout_height="wrap_content">
```

```
    <LinearLayout
```

```
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">
```

```
        <EditText
```

```
            android:id="@+id/search_chem"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="10dp"
            android:drawableLeft="@drawable/ic_baseline_search_24"
            android:drawablePadding="10dp"
            android:hint="Search Chemist"
            android:minHeight="48dp"
            android:padding="10dp"
            android:textColor="@color/black" />
```

```
        <TextView
```

```
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Nearby Medical Stores"
            android:textSize="24sp"
            android:textStyle="bold"
            android:textColor="@color/black"
            android:layout_margin="10dp"/>
```

```
    <androidx.recyclerview.widget.RecyclerView
```

```
        android:id="@+id/chem_list_view"
        android:layout_width="match_parent"
```



```

        android:layout_height="wrap_content" />

    </LinearLayout>

</ScrollView>

</FrameLayout>

Home_Doctor.xml:
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".Home_Doctor">

    <androidx.constraintlayout.widget.ConstraintLayout
        android:id="@+id/LayoutHeader"
        android:layout_width="match_parent"
        android:layout_height="0dp"
        android:scaleType="centerCrop"
        android:background="@color/register_bk_color"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHeight_percent="0.15"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0">

        <TextView
            android:id="@+id/textView2"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginTop="16dp"
            android:layout_marginEnd="104dp"
            android:fontFamily="@font/carter_one"
            android:gravity="center"
            android:text="WELCOME"
            android:textColor="#ffff"
            android:textSize="30sp"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            tools:ignore="TextContrastCheck" />

        <androidx.cardview.widget.CardView
            android:id="@+id/navigation"

```

```

        android:layout_width="35dp"
        android:layout_height="35dp"
        android:layout_marginTop="16dp"
        android:background="@color/login_bk_color"
        app:layout_constraintEnd_toStartOf="@+id/textView2"
        app:layout_constraintHorizontal_bias="0.284"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <ImageView
            android:layout_width="30dp"
            android:layout_height="30dp"
            android:src="@drawable/nav" />
    </androidx.cardview.widget.CardView>
</androidx.constraintlayout.widget.ConstraintLayout>

```

```

<androidx.constraintlayout.widget.ConstraintLayout
    android:layout_width="match_parent"
    android:layout_height="0dp"
    android:background="@drawable/white_bg"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHeight_percent=".92"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="1.0">

```

```

</androidx.constraintlayout.widget.ConstraintLayout>

```

```

</androidx.constraintlayout.widget.ConstraintLayout>

```

### **Home\_Admin.xml :**

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/bg3"
    tools:context=".Home_Admin">

    <TextView
        android:id="@+id/select_role"
        android:layout_width="283dp"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"

```

```

android:layout_alignParentTop="true"
android:layout_alignParentEnd="true"
android:layout_marginStart="64dp"
android:layout_marginTop="41dp"
android:layout_marginEnd="64dp"
android:fontFamily="@font/aclonica"
android:text=""
android:textColor="#110849"
android:textSize="30sp"
android:textStyle="bold"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.497"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent" />

```

<GridLayout

```

android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_below="@id/select_role"
android:layout_marginTop="50dp"
android:columnCount="2"
android:rowCount="2">

```

<androidx.cardview.widget.CardView

```

android:id="@+id/member_btn"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_row="0"
android:layout_rowWeight="1"
android:layout_column="0"
android:layout_columnWeight="1"
android:layout_gravity="fill"
android:layout_margin="20dp"
app:cardCornerRadius="10dp"
app:cardElevation="8dp">

```

<LinearLayout

```

android:layout_width="140dp"
android:layout_height="170dp"
android:layout_gravity="center_vertical|center_horizontal"
android:gravity="center"
android:orientation="vertical">

```

<ImageView

```

android:layout_width="113dp"
android:layout_height="113dp"
android:src="@drawable/member" />

```

<TextView

```

android:layout_width="wrap_content"

```

```

        android:layout_height="wrap_content"
        android:fontFamily="@font/aclonica"
        android:text="Registered User"
        android:textAlignment="center"
        android:textColor="@color/black"
        android:textSize="20sp"
        android:textStyle="bold" />
    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:id="@+id/AddMember_btn"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_row="0"
    android:layout_rowWeight="1"
    android:layout_column="1"
    android:layout_columnWeight="1"
    android:layout_gravity="fill"
    android:layout_margin="18dp"
    app:cardCornerRadius="10dp"
    app:cardElevation="8dp">

    <LinearLayout
        android:layout_width="140dp"
        android:layout_height="170dp"
        android:layout_gravity="center_vertical|center_horizontal"
        android:gravity="center"
        android:orientation="vertical">

        <ImageView
            android:layout_width="110dp"
            android:layout_height="110dp"
            android:src="@drawable/adduser" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:fontFamily="@font/aclonica"
            android:text="Add User"
            android:layout_marginTop="10dp"
            android:textAlignment="center"
            android:textColor="@color/black"
            android:textSize="20sp"
            android:textStyle="bold" />
        </LinearLayout>
    </androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:id="@+id/feedback_btn"

```

```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_row="1"
        android:layout_rowWeight="1"
        android:layout_column="0"
        android:layout_columnWeight="1"
        android:layout_gravity="fill"
        android:layout_margin="20dp"
        app:cardCornerRadius="10dp"
        app:cardElevation="8dp">

        <LinearLayout
            android:layout_width="140dp"
            android:layout_height="170dp"
            android:layout_gravity="center_vertical|center_horizontal"
            android:gravity="center"
            android:orientation="vertical">

            <ImageView
                android:layout_width="113dp"
                android:layout_height="113dp"
                android:src="@drawable/feedback" />

            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:fontFamily="@font/aclonica"
                android:text="Feedback"
                android:textAlignment="center"
                android:textColor="@color/black"
                android:textSize="20sp"
                android:textStyle="bold" />

        </LinearLayout>
    </androidx.cardview.widget.CardView>

    <androidx.cardview.widget.CardView
        android:id="@+id/update_btn"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_row="1"
        android:layout_rowWeight="1"
        android:layout_column="1"
        android:layout_columnWeight="1"
        android:layout_gravity="fill"
        android:layout_margin="18dp"
        app:cardCornerRadius="10dp"
        app:cardElevation="8dp">

        <LinearLayout
            android:layout_width="140dp"

```

```

        android:layout_height="170dp"
        android:layout_gravity="center_vertical|center_horizontal"
        android:gravity="center"
        android:orientation="vertical">

        <ImageView
            android:layout_width="100dp"
            android:layout_height="100dp"
            android:src="@drawable/update" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:fontFamily="@font/aclonica"
            android:layout_marginTop="20dp"
            android:text="Update"
            android:textAlignment="center"
            android:textColor="@color/black"
            android:textSize="20sp"
            android:textStyle="bold" />
    </LinearLayout>
</androidx.cardview.widget.CardView>
</GridLayout>
</RelativeLayout>

```

### **Add\_User.xml :**

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/bg3"
    tools:context=".Add_Member">

    <TextView
        android:id="@+id/Add_Member"
        android:layout_width="285dp"
        android:layout_height="77dp"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_alignParentEnd="true"
        android:layout_marginStart="67dp"
        android:layout_marginTop="41dp"
        android:layout_marginEnd="59dp"
        android:fontFamily="@font/aclonica"
        android:text="Add Member"
        android:textColor="#110849"
        android:textSize="28dp"
        android:textStyle="bold"
    >

```

```
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.497"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent" />
```

```
<GridLayout
```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/Add_Member"
    android:layout_marginLeft="100dp"
    android:layout_marginTop="70dp"
    android:columnCount="1"
    android:rowCount="2">
```

```
<androidx.cardview.widget.CardView
```

```
    android:id="@+id/Doctor_Add_btn"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_row="0"
    android:layout_rowWeight="1"
    android:layout_column="0"
    android:layout_columnWeight="1"
    android:layout_gravity="fill"
    android:layout_margin="20dp"
    app:cardCornerRadius="10dp"
    app:cardElevation="8dp">
```

```
<LinearLayout
```

```
    android:layout_width="165dp"
    android:layout_height="170dp"
    android:layout_gravity="center_vertical|center_horizontal"
    android:gravity="center"
    android:orientation="vertical">
```

```
<ImageView
```

```
    android:layout_width="130dp"
    android:layout_height="130dp"
    android:src="@drawable/doctor1" />
```

```
<TextView
```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:fontFamily="@font/aclonica"
    android:text="Doctor"
    android:textAlignment="center"
    android:textColor="@color/black"
    android:textSize="20sp"
    android:textStyle="bold" />
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```

<androidx.cardview.widget.CardView
    android:id="@+id/Chemist_Add_btn"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_row="1"
    android:layout_rowWeight="1"
    android:layout_column="0"
    android:layout_columnWeight="1"
    android:layout_gravity="fill"
    android:layout_margin="18dp"
    app:cardCornerRadius="10dp"
    app:cardElevation="8dp">

    <LinearLayout
        android:layout_width="165dp"
        android:layout_height="170dp"
        android:layout_gravity="center_vertical|center_horizontal"
        android:gravity="center"
        android:orientation="vertical">

        <ImageView
            android:layout_width="130dp"
            android:layout_height="130dp"
            android:src="@drawable/pharmacy" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:fontFamily="@font/aclonica"
            android:text="Chemist"
            android:textAlignment="center"
            android:textColor="@color/black"
            android:textSize="20sp"
            android:textStyle="bold" />
        </LinearLayout>
    </androidx.cardview.widget.CardView>

```

```

</GridLayout>
</RelativeLayout>

```

### **Navigaton\_Drawer.xml :**

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"

```



```

android:orientation="vertical"
android:background="@color/register_bk_color"
tools:context=".Navigation_Drawer_Doc">

<androidx.cardview.widget.CardView
    android:id="@+id/about"
    android:layout_width="match_parent"
    android:layout_height="200dp"
    app:cardCornerRadius="20dp">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Infirmary"
        android:textColor="@color/black"
        android:textSize="40sp"
        android:textStyle="bold"
        android:layout_gravity="center"/>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:id="@+id/nav_home"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <ImageView
            android:layout_width="40dp"
            android:layout_height="40dp"
            android:src="@drawable/ic_baseline_home_24"
            android:layout_marginStart="5dp"/>
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Home"
            android:textSize="25sp"
            android:layout_marginStart="100dp"
            android:textStyle="bold"
            android:gravity="center"/>
    </LinearLayout>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView

```

```

        android:id="@+id/nav_profile"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        app:cardCornerRadius="20dp"
        app:cardElevation="10dp">
        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="horizontal">

            <ImageView
                android:layout_width="40dp"
                android:layout_height="40dp"
                android:src="@drawable/ic_baseline_person_pin_24"
                android:layout_marginStart="5dp"/>
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Profile"
                android:textSize="25sp"
                android:layout_marginStart="100dp"
                android:textStyle="bold"
                android:gravity="center"/>
        </LinearLayout>

    </androidx.cardview.widget.CardView>

    <androidx.cardview.widget.CardView
        android:id="@+id/nav_notify"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        app:cardCornerRadius="20dp"
        app:cardElevation="10dp">
        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="horizontal">

            <ImageView
                android:layout_width="40dp"
                android:layout_height="40dp"
                android:layout_marginStart="5dp"
                android:src="@drawable/ic_baseline_notifications_24"/>
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Notification"
                android:textSize="25sp"

```

```

        android:layout_marginStart="100dp"
        android:textStyle="bold"
        android:gravity="center"/>
    </LinearLayout>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:id="@+id/nav_faq"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <ImageView
            android:layout_width="40dp"
            android:layout_height="40dp"
            android:src="@drawable/ic_baseline_feedback_24"
            android:layout_marginStart="5dp" />
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="FAQ"
            android:textSize="25sp"
            android:layout_marginStart="100dp"
            android:textStyle="bold"
            android:gravity="center"/>
    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:id="@+id/nav_logout"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <ImageView
            android:layout_width="40dp"
            android:layout_height="40dp"

```

```

        android:layout_marginStart="5dp"
        android:src="@drawable/ic_baseline_login_24"/>
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Logout"
        android:textSize="25sp"
        android:layout_marginStart="100dp"
        android:textStyle="bold"
        android:gravity="center"/>
    </LinearLayout>
</androidx.cardview.widget.CardView>

```

```

</LinearLayout>

```

### **Patient\_Profile.xml :**

```

<?xml version="1.0" encoding="utf-8"?>
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context="Profile.Patient_Profile">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">

        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:background="#03DAC5">

            <LinearLayout
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:orientation="horizontal">

                <de.hdodenhof.circleimageview.CircleImageView
                    android:id="@+id/profilepic"
                    android:layout_width="100dp"
                    android:layout_height="100dp"
                    android:layout_centerVertical="true"
                    android:layout_gravity="center"
                    android:layout_margin="15dp"
                    android:src="@drawable/infirmery" />

                <LinearLayout

```

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_gravity="center"
android:orientation="horizontal">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerVertical="true"
    android:layout_marginLeft="20dp"
    android:layout_toRightOf="@id/profilepic"
    android:fontFamily="sans-serif-black"
    android:text="Username:"
    android:textColor="@color/black"
    android:textSize="15dp" />
```

```
<TextView
    android:id="@+id/profileusername"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_centerVertical="true"
    android:layout_marginLeft="20dp"
    android:layout_toRightOf="@id/profilepic"
    android:fontFamily="sans-serif-black"
    android:textColor="@color/black"
    android:textSize="15dp" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
</RelativeLayout>
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:paddingStart="20dp"
    android:paddingEnd="20dp"
    android:orientation="vertical">
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:paddingStart="10dp"
    android:paddingEnd="10dp"
    android:paddingTop="10dp">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="40dp"
```

```
        android:text="Full Name :"  
        android:textSize="14sp"  
        android:padding="6dp"  
        android:drawableLeft="@drawable/ic_baseline_person_pin_24"  
        android:drawablePadding="8dp"  
        android:textStyle="bold"  
        android:gravity="left"  
        android:layout_marginTop="8dp"  
        android:layout_marginRight="5dp"  
        android:textColor="@color/black"/>
```

```
<TextView  
    android:id="@+id/profilename"  
    android:layout_width="242dp"  
    android:layout_height="40dp"  
    android:layout_marginTop="8dp"  
    android:padding="6dp"  
    android:textColor="@color/black" />
```

```
</LinearLayout>
```

```
<LinearLayout  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:orientation="horizontal"  
    android:paddingStart="10dp"  
    android:paddingEnd="10dp"  
    android:paddingTop="10dp">
```

```
<TextView  
    android:layout_width="wrap_content"  
    android:layout_height="40dp"  
    android:text="Email :"  
    android:textSize="14sp"  
    android:padding="6dp"  
    android:drawableLeft="@drawable/ic_baseline_email_24"  
    android:gravity="left"  
    android:layout_marginTop="8dp"  
    android:drawablePadding="8dp"  
    android:textStyle="bold"  
    android:layout_marginRight="5dp"  
    android:textColor="@color/black"/>
```

```
<TextView  
    android:id="@+id/profileemail"  
    android:layout_width="270dp"  
    android:layout_height="40dp"  
    android:layout_marginTop="8dp"  
    android:padding="6dp"  
    android:textColor="@color/black" />
```

```

/>
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:paddingStart="10dp"
    android:paddingEnd="10dp"
    android:paddingTop="10dp">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="40dp"
        android:text="Phone:"
        android:textSize="14sp"
        android:padding="6dp"
        android:drawableLeft="@drawable/ic_baseline_phone_24"
        android:gravity="left"
        android:layout_marginTop="8dp"
        android:textStyle="bold"

        android:drawablePadding="8dp"
        android:layout_marginRight="5dp"
        android:textColor="@color/black"/>

    <TextView
        android:id="@+id/profilePhone"
        android:layout_width="266dp"
        android:layout_height="40dp"
        android:padding="6dp"
        android:layout_marginTop="8dp"

        android:textColor="@color/black" />
/>
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:paddingStart="10dp"
    android:paddingEnd="10dp"
    android:paddingTop="10dp">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="40dp"
        android:text="Address :"
        android:textSize="14sp"
        android:padding="6dp"

```

```

        android:drawableLeft="@drawable/ic_baseline_home_24"
        android:textStyle="bold"
        android:gravity="left"
        android:layout_marginTop="8dp"
        android:drawablePadding="8dp"
        android:layout_marginRight="5dp"
        android:textColor="@color/black"/>

<TextView
    android:id="@+id/profileaddress"
    android:layout_width="266dp"
    android:layout_height="40dp"
    android:padding="6dp"
    android:layout_marginTop="8dp"
    android:textColor="@color/black" />
/>
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:paddingStart="10dp"
    android:paddingEnd="10dp"
    android:paddingTop="10dp">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="35dp"
        android:text="Pincode:"
        android:textSize="14sp"
        android:padding="6dp"
        android:drawableLeft="@drawable/ic_baseline_pin_drop_24"
        android:gravity="left"
        android:textStyle="bold"
        android:layout_marginTop="8dp"
        android:drawablePadding="8dp"
        android:layout_marginRight="5dp"
        android:textColor="@color/black"/>

    <TextView
        android:id="@+id/profilepin"
        android:layout_width="266dp"
        android:layout_height="35dp"
        android:padding="6dp"
        android:layout_marginTop="8dp"
        android:textColor="@color/black" />
    />
</LinearLayout>
<Button

```



```

        android:id="@+id/Back"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginStart="60dp"
        android:layout_marginTop="20dp"
        android:layout_marginEnd="60dp"
        style="@style/loginButton"
        android:text="Back"
        android:textStyle="bold"
        android:fontFamily="sans-serif-black"/>
    </LinearLayout>
</LinearLayout>

```

```
</ScrollView>
```

### FAQ.xml :

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".FAQ">

```

```

    <ScrollView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content">

```

```

        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="vertical">

```

```

            <TextView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_gravity="center"
                android:layout_marginStart="10dp"
                android:layout_marginTop="10dp"
                android:layout_marginEnd="10dp"
                android:layout_marginBottom="10dp"
                android:fontFamily="@font/carter_one"
                android:gravity="center"
                android:text="InfirmaryApp+"
                android:textColor="@color/colorAccent"
                android:textSize="30sp" />

```

```

            <androidx.cardview.widget.CardView
                android:layout_width="match_parent"

```

```
android:layout_height="wrap_content"
android:layout_marginStart="10dp"
android:layout_marginTop="10dp"
android:layout_marginEnd="10dp"
android:layout_marginBottom="10dp"
app:cardCornerRadius="20dp"
app:cardElevation="10dp">
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="vertical">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="5dp"
    android:fontFamily="@font/carter_one"
    android:text="How can I access Connect2MyDoctor?"
    android:textColor="@color/register_bk_color"
    android:textSize="18sp" />
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="3dp"
    android:layout_marginEnd="3dp"
    android:layout_marginBottom="5dp"
    android:text="@string/about_access"
    android:textColor="@color/black"
    android:textSize="15sp"
    android:textStyle="bold" />
```

```
</LinearLayout>
```

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
```

```

        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:fontFamily="@font/carter_one"
            android:text="Do I talk to “real doctors?”
            android:textColor="@color/register_bk_color"
            android:textSize="18sp" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginStart="3dp"
            android:layout_marginEnd="3dp"
            android:layout_marginBottom="5dp"
            android:text="@string/about_access"
            android:textColor="@color/black"
            android:textSize="15sp"
            android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:fontFamily="@font/carter_one"
            android:text="When can patients use this app?"
            android:textColor="@color/register_bk_color"
            android:textSize="18sp" />

```

```

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginStart="3dp"
            android:layout_marginEnd="3dp"
            android:layout_marginBottom="5dp"
            android:text="@string/about_use"
            android:textColor="@color/black"
            android:textSize="15sp"
            android:textStyle="bold" />
    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:fontFamily="@font/carter_one"
            android:text="How do I charge for the consultation?"
            android:textColor="@color/register_bk_color"
            android:textSize="18sp" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginStart="3dp"
            android:layout_marginEnd="3dp"
            android:layout_marginBottom="5dp"
            android:text="@string/about_fees"
            android:textColor="@color/black"
            android:textSize="15sp"
            android:textStyle="bold" />
    </LinearLayout>
</androidx.cardview.widget.CardView>

```

```

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:fontFamily="@font/carter_one"
            android:text="I cannot dedicate a particular time Is Infirmary app
available 24x7? What do I do?"
            android:textColor="@color/register_bk_color"
            android:textSize="16sp" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginStart="3dp"
            android:layout_marginEnd="3dp"
            android:layout_marginBottom="5dp"
            android:text="@string/about_request"
            android:textColor="@color/black"
            android:textSize="15sp"
            android:textStyle="bold" />
    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">

    <LinearLayout
        android:layout_width="wrap_content"

```

```

        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:fontFamily="@font/carter_one"
            android:text="Can I contact a doctor Connect2MyDoctor during
emergencies?"
            android:textColor="@color/register_bk_color"
            android:textSize="16sp" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginStart="3dp"
            android:layout_marginEnd="3dp"
            android:layout_marginBottom="5dp"
            android:text="@string/about_request2"
            android:textColor="@color/black"
            android:textSize="15sp"
            android:textStyle="bold" />
    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:fontFamily="@font/carter_one"
            android:text="I have a question and I can't see that here. What can I
do?"
            android:textColor="@color/register_bk_color"
            android:textSize="18sp" />

```

```

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginStart="3dp"
            android:layout_marginEnd="3dp"
            android:layout_marginBottom="5dp"
            android:text="@string/about_request22"
            android:textColor="@color/black"
            android:textSize="15sp"
            android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="5dp"
            android:fontFamily="@font/carter_one"
            android:text="What about prescription?"
            android:textColor="@color/register_bk_color"
            android:textSize="18sp" />

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginStart="3dp"
            android:layout_marginEnd="3dp"
            android:layout_marginBottom="5dp"
            android:text="@string/about_prescrp"
            android:textColor="@color/black"
            android:textSize="15sp"
            android:textStyle="bold" />

```

```

        </LinearLayout>

    </androidx.cardview.widget.CardView>

</LinearLayout>
</ScrollView>

</RelativeLayout>

```

### About\_Us.xml :

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:background="@color/register_bk_color"
    tools:context=".About_Us">
    <ScrollView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content">
        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="vertical">

            <TextView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_gravity="center"
                android:layout_marginStart="10dp"
                android:layout_marginTop="10dp"
                android:layout_marginEnd="10dp"
                android:layout_marginBottom="10dp"
                android:fontFamily="@font/carter_one"
                android:gravity="center"
                android:text="Infirmery"
                android:textColor="@color/whiteTextColor"
                android:textSize="30sp" />

            <androidx.cardview.widget.CardView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_marginStart="10dp"
                android:layout_marginTop="10dp"
                android:layout_marginEnd="10dp"
                android:layout_marginBottom="10dp"
                app:cardCornerRadius="20dp"

```



```

app:cardElevation="10dp">
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="vertical">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="About Infirmary"
        android:textSize="20sp"
        android:fontFamily="@font/carter_one"
        android:textColor="@color/register_bk_color"
        android:layout_margin="5dp"/>
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/about_infirmary"
        android:textSize="15sp"
        android:textStyle="bold"
        android:layout_marginStart="3dp"
        android:layout_marginEnd="3dp"
        android:layout_marginBottom="5dp"
        android:textColor="@color/black" />

    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Patient"
        android:textSize="20sp"
        android:fontFamily="@font/carter_one"
        android:textColor="@color/register_bk_color"
        android:layout_margin="5dp"/>

```

```

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/about_patient"
    android:textSize="15sp"
    android:textStyle="bold"
    android:layout_marginStart="3dp"
    android:layout_marginEnd="3dp"
    android:layout_marginBottom="5dp"
    android:textColor="@color/black" />
</LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Doctor"
            android:textSize="20sp"
            android:fontFamily="@font/carter_one"
            android:textColor="@color/register_bk_color"
            android:layout_margin="5dp"/>

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/about_doctor"
            android:textSize="15sp"
            android:textStyle="bold"
            android:layout_marginStart="3dp"
            android:layout_marginEnd="3dp"
            android:layout_marginBottom="5dp"
            android:textColor="@color/black"
            />
        </LinearLayout>
    </androidx.cardview.widget.CardView>

```

```

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    app:cardCornerRadius="20dp"
    app:cardElevation="10dp">
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Chemist"
            android:textSize="20sp"
            android:fontFamily="@font/carter_one"
            android:textColor="@color/register_bk_color"
            android:layout_margin="5dp"/>

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="@string/about_chemist"
            android:textSize="15sp"
            android:textStyle="bold"
            android:layout_marginStart="3dp"
            android:layout_marginEnd="3dp"
            android:layout_marginBottom="5dp"
            android:textColor="@color/black" />
    </LinearLayout>
</androidx.cardview.widget.CardView>
</LinearLayout>
</ScrollView>
</RelativeLayout>

```

### **Doc\_view.xml :**

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:orientation="horizontal">

    <androidx.cardview.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"

```

```

android:layout_marginStart="10dp"
android:layout_marginTop="10dp"
android:layout_marginEnd="10dp"
android:layout_marginBottom="10dp"
app:cardCornerRadius="20dp"
app:cardElevation="10dp">

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal">

    <de.hdodenhof.circleimageview.CircleImageView
        android:id="@+id/doc_profile"
        android:layout_width="70dp"
        android:layout_height="70dp"
        android:layout_margin="10dp"
        android:src="@drawable/doctor1" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:layout_gravity="center">

        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="horizontal"
            android:layout_gravity="center">

            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_margin="3dp"
                android:text="Dr. "
                android:textColor="@color/black"
                android:textSize="18dp"
                android:textStyle="bold" />

            <TextView
                android:id="@+id/doc_name"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_margin="3dp"
                android:textColor="@color/black"
                android:textSize="18dp"
                android:textStyle="bold" />
        </LinearLayout>
    </LinearLayout>

```

```

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_gravity="center">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Specialization : "
        android:textColor="@color/black"
        android:textSize="16dp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/doc_specialization"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Family Physician"
        android:textColor="#09132E"
        android:textSize="16dp"
        android:textStyle="bold" />
</LinearLayout>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:orientation="horizontal">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="3dp"
        android:text="Contact No : "
        android:textColor="#09132E"
        android:textSize="12dp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/doc_contact"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="3dp"
        android:textColor="#09132E"
        android:textSize="12dp"
        android:textStyle="bold" />
</LinearLayout>
</LinearLayout>
</LinearLayout>

```

```
</androidx.cardview.widget.CardView>
</RelativeLayout>
```

Chem\_view :

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    xmlns:app="http://schemas.android.com/apk/res-auto">

    <androidx.cardview.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        app:cardCornerRadius="20dp"
        app:cardElevation="10dp">
        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="horizontal">

            <de.hdodenhof.circleimageview.CircleImageView
                android:id="@+id/chem_profile"
                android:layout_width="70dp"
                android:layout_height="70dp"
                android:src="@drawable/pharmacy"
                android:layout_margin="10dp"/>

            <LinearLayout
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:orientation="vertical">

                <TextView
                    android:id="@+id/shop_name"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:textSize="20dp"
                    android:textColor="@color/black"
                    android:textStyle="bold"
                    android:layout_margin="3dp"/>

                <TextView
                    android:id="@+id/owner_name"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:layout_gravity="center"
                    android:layout_margin="3dp"
                    android:text="Owner Name : Ravi Shastri"
                    android:textColor="#09132E"
```

```

        android:textSize="18dp"
        android:textStyle="bold" />

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_gravity="center">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="3dp"
        android:text="Location :"
        android:textColor="#09132E"
        android:textSize="12dp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/loc_chem"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="3dp"
        android:textColor="#09132E"
        android:textSize="12dp"
        android:textStyle="bold" />

</LinearLayout>
</LinearLayout>
</LinearLayout>
</androidx.cardview.widget.CardView>

</RelativeLayout>

```

### **Video\_Call.xml :**

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:orientation="vertical"
    android:background="#FFFFFF"
    tools:context=".MainActivity">

    <EditText
        android:id="@+id/conferenceName"
        android:layout_width="match_parent"
        android:layout_height="52dp"
        android:layout_margin="12dp"
        android:textSize="14sp"
    >

```

```

        android:textColor="#000000"
        android:textColorHint="#000000"
        android:hint="Enter room name" />

<Button
    android:layout_width="match_parent"
    android:layout_height="52dp"
    android:layout_margin="12dp"
    android:background="#00BCD4"
    android:onClick="onButtonClick"
    android:text="Join"
    android:textColor="#283593"
</LinearLayout>

```

## Java Files :

### Activity main.java

```

package com.example.infirmery;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.WindowManager;

import java.util.Objects;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        Thread td = new Thread(){
            public void run(){
                try{
                    sleep(5000);
                }
                catch (Exception e){
                    e.printStackTrace();
                }
                finally {
                    Intent intent = new Intent(MainActivity.this,SplashScreen.class);
                    startActivity(intent);
                    finish();
                }
            }
        };
        td.start();
    }
}

```



## Selectrole.java

```
package com.example.infirmery;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.view.WindowManager;

import androidx.appcompat.app.AppCompatActivity;
import androidx.cardview.widget.CardView;

import java.util.Objects;

public class Select_Role extends AppCompatActivity implements View.OnClickListener {
    public CardView pButton,dButton,cButton,aButton;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_select_role2);

        pButton = findViewById(R.id.patient_btn);
        dButton = findViewById(R.id.doctor_btn);
        cButton = findViewById(R.id.chemist_btn);
        aButton = findViewById(R.id.admin_btn);

        pButton.setOnClickListener(this);
        dButton.setOnClickListener(this);
        cButton.setOnClickListener(this);
        aButton.setOnClickListener(this);
    }

    @Override
    public void onClick(View v) {
        Intent i;
        switch (v.getId()){
            case R.id.patient_btn:
                i = new Intent(this,Login_Patient.class);
                startActivity(i);
                break;

            case R.id.doctor_btn:
                i = new Intent(this,Login_Doctor.class);
                startActivity(i);
                break;

            case R.id.chemist_btn:
                i = new Intent(this,Login_Chemist.class);
                startActivity(i);
                break;
        }
    }
}
```

```

        case R.id.admin_btn:
            i = new Intent(this,Login_Admin.class);
            startActivity(i);
            break;

    }
}

```

## Login\_patient.java

```

package com.example.infirmmary;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;

import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.database.DataSnapshot;
import com.google.firebase.database.DatabaseError;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.database.Query;
import com.google.firebase.database.ValueEventListener;

import java.util.Objects;

import Profile.Patient_Profile;

public class Login_Patient extends AppCompatActivity {
    private EditText Username;
    private EditText Pass;
    public Button login;

    FirebaseAuth mAuth;
    FirebaseDatabase LoginRootNode;
    //DatabaseReference ref;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login_patient);

        Username = findViewById(R.id.UnamePatient);
        Pass = findViewById(R.id.PassPatient);
    }
}

```

```

login = findViewById(R.id.cirLoginButton);

login.setOnClickListener(new View.OnClickListener(){

    private Boolean validateEmail(){
        String val = Username.getText().toString();

        if(val.isEmpty()){
            Username.setError("Field cannot be Empty");
            return false;
        }
        else{
            Username.setError(null);
            return true;
        }
    }

    private Boolean validatePass(){
        String val = Pass.getText().toString();

        if(val.isEmpty()){
            Pass.setError("Field cannot be Empty");
            return false;
        }
        else{
            Pass.setError(null);
            return true;
        }
    }

    private void validateLogin(){
        String userEnteredUsername = Username.getText().toString();
        String userEnteredPass = Pass.getText().toString();

        DatabaseReference reference = FirebaseDatabase.getInstance("https://infirmar-y-
app-default-rtdb.firebaseio.com/").getReference("Patient");

        Query checkUser =
reference.orderByChild("uname").equalTo(userEnteredUsername) ;

        checkUser.addListenerForSingleValueEvent(new ValueEventListener() {
            @Override
            public void onDataChange(@NonNull DataSnapshot dataSnapshot) {
                if(dataSnapshot.hasChild(userEnteredUsername)){
                    String passwordDB =
dataSnapshot.child(userEnteredUsername).child("pass").getValue(String.class);
                    String unameDB =
dataSnapshot.child(userEnteredUsername).child("uname").getValue(String.class);

                    if(Objects.requireNonNull(unameDB).equals(userEnteredUsername) &&
Objects.requireNonNull(passwordDB).equals(userEnteredPass)){

                        String addressDB =
dataSnapshot.child(userEnteredUsername).child("address").getValue(String.class);
                        String emailDB =

```

```

dataSnapshot.child(userEnteredUsername).child("pemail").getValue(String.class);
        String nameDB =
dataSnapshot.child(userEnteredUsername).child("pname").getValue(String.class);
        String genderDB =
dataSnapshot.child(userEnteredUsername).child("gender").getValue(String.class);
        String phoneDB =
dataSnapshot.child(userEnteredUsername).child("pphone").getValue(String.class);
        String pinDB =
dataSnapshot.child(userEnteredUsername).child("pin").getValue(String.class);
        String profileDB =
dataSnapshot.child(userEnteredUsername).child("profile").getValue(String.class);

        Toast.makeText(Login_Patient.this, "Successfully Logged In",
Toast.LENGTH_SHORT).show();

        Intent login = new Intent(Login_Patient.this,Home_Patient.class);
        Intent profile_data = new Intent(Login_Patient.this, Patient_Profile.class);

        profile_data.putExtra("uname",unameDB);
        profile_data.putExtra("pname",nameDB);
        profile_data.putExtra("pemail",emailDB);
        profile_data.putExtra("pphone",phoneDB);
        profile_data.putExtra("address",addressDB);
        profile_data.putExtra("profile",profileDB);
        profile_data.putExtra("gender",genderDB);
        profile_data.putExtra("pin",pinDB);

        startActivity(login);
    }
    else{
        Toast.makeText(Login_Patient.this, "Invalid Details",
Toast.LENGTH_SHORT).show();
    }
}
else{
    Username.setError("User ID does not Exist!");
}
}

@Override
public void onCancelled(@NonNull DatabaseError error) {
}
});
}

@Override
public void onClick(View view) {
    if(!validateEmail() | !validatePass()){
        return;
    }
    else{
        validateLogin();
    }
}

```

```

    }
    });
}

public void onLoginClick(View view){
    startActivity(new Intent(this,Register_Patient.class));
    overridePendingTransition(R.anim.slide_in_right,R.anim.stay);
}
}

```

## Login\_doctor.java

```

package com.example.infirmmary;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;

import com.google.firebase.database.DataSnapshot;
import com.google.firebase.database.DatabaseError;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.database.Query;
import com.google.firebase.database.ValueEventListener;

import java.util.Objects;

public class Login_Doctor extends AppCompatActivity {

    private EditText Doc_ID;
    private EditText Pass;
    public Button login;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login_doctor);
    }
}

```

```

Doc_ID = findViewById(R.id.DocID);
Pass = findViewById(R.id.PassDoctor);
login = findViewById(R.id.cirLoginButton);

login.setOnClickListener(new View.OnClickListener(){

    private Boolean validateEmail(){
        String val = Doc_ID.getText().toString();

        if(val.isEmpty()){
            Doc_ID.setError("Field cannot be Empty");
            return false;
        }
        else{
            Doc_ID.setError(null);
            return true;
        }
    }

    private Boolean validatePass(){
        String val = Pass.getText().toString();

        if(val.isEmpty()){
            Pass.setError("Field cannot be Empty");
            return false;
        }
        else{
            Pass.setError(null);
            return true;
        }
    }

    private void validateLogin(){
        String userEnteredDoc_ID = Doc_ID.getText().toString();
        String userEnteredPass = Pass.getText().toString();

        DatabaseReference reference = FirebaseDatabase.getInstance("https://infirmary-
app-default-rtdb.firebaseio.com/").getReference("Doctor");

        Query checkUser = reference.orderByChild("id").equalTo(userEnteredDoc_ID) ;

        checkUser.addListenerForSingleValueEvent(new ValueEventListener() {
            @Override
            public void onDataChange(@NonNull DataSnapshot dataSnapshot) {
                if(dataSnapshot.hasChild(userEnteredDoc_ID)){
                    String passwordDB =
dataSnapshot.child(userEnteredDoc_ID).child("pass").getValue(String.class);
                    String Doc_IDDB =
dataSnapshot.child(userEnteredDoc_ID).child("id").getValue(String.class);

                    if(Objects.requireNonNull(Doc_IDDB).equals(userEnteredDoc_ID) &&
Objects.requireNonNull(passwordDB).equals(userEnteredPass)){
                        Toast.makeText(Login_Doctor.this, "Successfully Logged In",
Toast.LENGTH_SHORT).show();

```

```

        Intent login = new Intent(Login_Doctor.this, Home_Doctor.class);
        startActivity(login);
    }
    else{
        Toast.makeText(Login_Doctor.this, "Invalid Details",
Toast.LENGTH_SHORT).show();
    }
}
else{
    Doc_ID.setError("Doctor Id does not Exist!");
}
}

@Override
public void onCancelled(@NonNull DatabaseError error) {
}
});
}

@Override
public void onClick(View view) {
    if(!validateEmail() | !validatePass()){
        return;
    }
    else{
        validateLogin();
    }
}
});
}

/*
CircularProgressButton LoginBtn;
{
    LoginBtn = findViewById(R.id.cirLoginButton);
    LoginBtn.setOnClickListener(v->startActivity(new Intent(this, Home_Doctor.class)));
}
*/
}

```

## Login\_chemistt.java

```
package com.example.infirmary;
```

```

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import androidx.annotation.NonNull;

```

```

import androidx.appcompat.app.AppCompatActivity;

import com.google.firebase.database.DataSnapshot;
import com.google.firebase.database.DatabaseError;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.database.Query;
import com.google.firebase.database.ValueEventListener;

import java.util.Objects;

public class Login_Chemist extends AppCompatActivity {
    private EditText Chem_ID;
    private EditText Pass;
    public Button login;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login_chemist);

        Chem_ID = findViewById(R.id.License_ID);
        Pass = findViewById(R.id.PassChemist);
        login = findViewById(R.id.cirLoginButton);

        login.setOnClickListener(new View.OnClickListener(){

            private Boolean validateEmail(){
                String val = Chem_ID.getText().toString();

                if(val.isEmpty()){
                    Chem_ID.setError("Field cannot be Empty");
                    return false;
                }
                else{
                    Chem_ID.setError(null);
                    return true;
                }
            }

            private Boolean validatePass(){
                String val = Pass.getText().toString();

                if(val.isEmpty()){
                    Pass.setError("Field cannot be Empty");
                    return false;
                }
                else{
                    Pass.setError(null);
                    return true;
                }
            }
        })
    }
}

```



```

private void validateLogin(){
    String userEnteredChem_ID = Chem_ID.getText().toString();
    String userEnteredPass = Pass.getText().toString();

    DatabaseReference reference = FirebaseDatabase.getInstance("https://infirmar-y-
app-default-rtdb.firebaseio.com/").getReference("Chemist");

    Query checkUser = reference.orderByChild("id").equalTo(userEnteredChem_ID) ;

    checkUser.addListenerForSingleValueEvent(new ValueEventListener() {
        @Override
        public void onDataChange(@NonNull DataSnapshot dataSnapshot) {
            if(dataSnapshot.hasChild(userEnteredChem_ID)){
                String passwordDB =
dataSnapshot.child(userEnteredChem_ID).child("pass").getValue(String.class);
                String Chem_IDDB =
dataSnapshot.child(userEnteredChem_ID).child("id").getValue(String.class);

                if(Objects.requireNonNull(Chem_IDDB).equals(userEnteredChem_ID) &&
Objects.requireNonNull(passwordDB).equals(userEnteredPass)){
                    Toast.makeText(Login_Chemist.this, "Successfully Logged In",
Toast.LENGTH_SHORT).show();

                    Intent login = new Intent(Login_Chemist.this,Home_Chemist.class);
                    startActivity(login);
                }
                else{
                    Toast.makeText(Login_Chemist.this, "Invalid Details",
Toast.LENGTH_SHORT).show();
                }
            }
            else{
                Chem_ID.setError("Chemist Id does not Exist!");
            }
        }

        @Override
        public void onCancelled(@NonNull DatabaseError error) {
        }
    });
}

@Override
public void onClick(View view) {
    if(!validateEmail() | !validatePass()){
        return;
    }
    else{
        validateLogin();
    }
}
});

```

```

    }
    /*

}

Login_admin.java
package com.example.infirmmary;

import android.content.Intent;
import android.os.Bundle;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

public class Login_Admin extends AppCompatActivity {
    private EditText Uname;
    private EditText Pass;
    public Button login;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login_admin);

        Uname = findViewById(R.id.UnameAdmin);
        Pass = findViewById(R.id.PassAdmin);
        login = findViewById(R.id.cirLoginButton);

        login.setOnClickListener(v ->
        validate(Uname.getText().toString(),Pass.getText().toString()));

    }
    private void validate(String username,String password){
        if((username.equals("vaibhav")) && (password.equals("vsp17")) ||
        (username.equals("vikas")) && (password.equals("1241"))){
            Intent intent = new Intent(this,Home_Admin.class);
            startActivity(intent);
        }
        else{
            Toast.makeText(this, "Username & Password is Incorrect",
            Toast.LENGTH_SHORT).show();
        }
    }
}

```

**Register\_Patient.java**  
package com.example.infirmmary;

```

import android.Manifest;
import android.app.ProgressDialog;
import android.content.Intent;
import android.graphics.Bitmap;
import android.graphics.BitmapFactory;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.view.Window;
import android.view.WindowManager;
import android.widget.AdapterView;
import android.widget.AdapterViewAdapter;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.Spinner;
import android.widget.Toast;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;

import com.basgeekball.awesomevalidation.AwesomeValidation;
import com.basgeekball.awesomevalidation.ValidationStyle;
import com.basgeekball.awesomevalidation.utility.RegexTemplate;
import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.database.DataSnapshot;
import com.google.firebase.database.DatabaseError;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.database.ValueEventListener;
import com.google.firebase.storage.FirebaseStorage;
import com.google.firebase.storage.OnProgressListener;
import com.google.firebase.storage.StorageReference;
import com.google.firebase.storage.UploadTask;
import com.karumi.dexter.Dexter;
import com.karumi.dexter.PermissionToken;
import com.karumi.dexter.listener.PermissionDeniedResponse;
import com.karumi.dexter.listener.PermissionGrantedResponse;
import com.karumi.dexter.listener.PermissionRequest;
import com.karumi.dexter.listener.single.PermissionListener;

import java.io.InputStream;

import Information.Doctor_Info;
import Information.Gender_Patient;
import Information.Patient_Info;
import kotlin.random.Random;

public class Register_Patient extends AppCompatActivity {

```

```

EditText
Input_Name,Input_Uname,Input_Email,Input_Contact,Input_address,Input_PinCode,Input_a
ge,Input_pass,Input_conf_pass;
Button register,profile_btn;
AwesomeValidation awesomeValidation;
Spinner spinner;

//String Gender_item;
String[] Gender = {"Select","Male","Female","Others"};

ImageView profile_img;
Uri profilepath;
Bitmap profile_bitmap;

FirebaseDatabase rootNode;
DatabaseReference reference;

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_register_patient);

    spinner = findViewById(R.id.drop_gender);
    ArrayAdapter<String> genderAdapter = new ArrayAdapter<>(Register_Patient.this,
R.layout.drop_down,Gender);
    genderAdapter.setDropDownViewResource(R.layout.drop_down);
    spinner.setAdapter(genderAdapter);

    spinner.setOnItemClickListener(new AdapterView.OnItemClickListener() {
        @Override
        public void onItemClick(AdapterView<?> parent, View view, int position, long id)
        {
            if(parent.getItemAtPosition(position).equals("Select")){
                // Do Nothing
                Toast.makeText(Register_Patient.this, "Please Select Gender",
Toast.LENGTH_SHORT).show();
            }
            else{

                String value = parent.getItemAtPosition(position).toString();
                Toast.makeText(Register_Patient.this, value, Toast.LENGTH_SHORT).show();
            }
        }
        @Override
        public void onNothingSelected(AdapterView<?> parent) {

        }
    });
}

```

```

awesomeValidation = new AwesomeValidation(ValidationStyle.BASIC);

// Assigning Variable

Input_Name = findViewById(R.id.Name_Patient);
Input_Uname = findViewById(R.id.Uname_Patient);
Input_Email = findViewById(R.id.Email_Patient);
Input_Contact = findViewById(R.id.Phone_Patient);
Input_address = findViewById(R.id.Address_Patient);
Input_PinCode = findViewById(R.id.PinCode_Patient);
Input_age = findViewById(R.id.Age_Patient);
profile_img = findViewById(R.id.profile_img);
profile_btn = findViewById(R.id.Browse_profile);
Input_pass = findViewById(R.id.Password_Patient);
Input_conf_pass = findViewById(R.id.ConfirmPassword_Patient);
register = findViewById(R.id.cirRegisterButton);

profile_btn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {

Dexter.withActivity(Register_Patient.this).withPermission(Manifest.permission.READ_EXTERNAL_STORAGE).
        withListener(new PermissionListener() {
            @Override
            public void onPermissionGranted(PermissionGrantedResponse
permissionGrantedResponse) {
                Intent intent = new Intent(Intent.ACTION_PICK);
                intent.setType("image/*");
                startActivityResult(Intent.createChooser(intent,"Select Image
File"),1);
            }

            @Override
            public void onPermissionDenied(PermissionDeniedResponse
permissionDeniedResponse) {

            }

            @Override
            public void onPermissionRationaleShouldBeShown(PermissionRequest
permissionRequest, PermissionToken permissionToken) {

                permissionToken.continuePermissionRequest();
            }
        }).check();

    }
});

// Add Validation For Name
awesomeValidation.addValidation(Register_Patient.this,R.id.Name_Patient, "[a-zA-

```

```

Z][a-zA-Z ]{2,}",R.string.invalid_name);

//Add Validation For Id
awesomeValidation.addValidation(Register_Patient.this,R.id.Uname_Patient,RegexTemplate
.NOT_EMPTY,R.string.invalid_Uname);

// Add Validation For Email Id
awesomeValidation.addValidation(Register_Patient.this,R.id.Email_Patient,"[a-z0-
9]+@[a-z]+\.[a-z]{2,3}",R.string.invalid_Email);

// Contact Number
awesomeValidation.addValidation(Register_Patient.this,R.id.Phone_Patient,"[5-
9]{1}[0-9]{9}$",R.string.invalid_number);

// Add Validation For Address
awesomeValidation.addValidation(Register_Patient.this,R.id.Address_Patient,
RegexTemplate.NOT_EMPTY,R.string.invalid_address);

// Add Validation For Pin code
awesomeValidation.addValidation(Register_Patient.this,R.id.PinCode_Patient,"[0-
9]{6}",R.string.invalid_pin);

// Add Validation For age
awesomeValidation.addValidation(Register_Patient.this,R.id.Age_Patient,"[0-
9]{2}",R.string.invalid_age);

// Add validation for Password
String regexPassword = "(?=.*[a-z])(?=.*[A-
Z])(?=.*[\\d])(?=.*[~!@#\\$%\\^&*\\(\\)\\-_\\+=\\{\\}\\|\\/\\:\\\"<,>.,\\/?]).{8,}";

awesomeValidation.addValidation(Register_Patient.this,R.id.Password_Patient,regexPasswo
rd,R.string.invalid_password);

awesomeValidation.addValidation(Register_Patient.this,R.id.ConfirmPassword_Patient,R.id.
Password_Patient,R.string.invalid_conf_pass);

register.setOnClickListener(v -> {
    if(awesomeValidation.validate()) {

        ProgressDialog dialog = new ProgressDialog(this);
        dialog.setTitle("Data Uploading...");
        dialog.show();

        final String pname = Input_Name.getText().toString();
        final String uname = Input_Uname.getText().toString();
        final String pemail = Input_Email.getText().toString();
        final String pphone = Input_Contact.getText().toString();
        final String paddress = Input_address.getText().toString();
        final String ppin = Input_PinCode.getText().toString();
        final String age = Input_age.getText().toString();
        final String gender = spinner.getSelectedItem().toString();
        final String pass = Input_pass.getText().toString();

```

```

final String cpass = Input_conf_pass.getText().toString();

rootNode = FirebaseDatabase.getInstance();
reference = rootNode.getReference("Patient");

FirebaseStorage storage = FirebaseStorage.getInstance();
StorageReference uploader = storage.getReference("Image1"+ new Random() {
    @Override
    public int nextBits(int i) {
        return 0;
    }
}.nextInt(100));

uploader.putFile(profilepath).addOnSuccessListener(new
OnSuccessListener<UploadTask.TaskSnapshot>() {
    @Override
    public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {
        uploader.getDownloadUrl().addOnSuccessListener(new
OnSuccessListener<Uri>() {
            @Override
            public void onSuccess(Uri uri) {
                dialog.dismiss();
                FirebaseDatabase db = FirebaseDatabase.getInstance();
                DatabaseReference root = db.getReference("Patient");

                Patient_Info patient_info = new
Patient_Info(pname,uname,pemail,pphone,paddress,ppin,age,gender,uri.toString(),pass,cpass)
;

                root.child(uname).setValue(patient_info);

                Input_Name.setText("");
                Input_Uname.setText("");
                Input_Email.setText("");
                Input_Contact.setText("");
                Input_address.setText("");
                Input_PinCode.setText("");
                Input_age.setText("");
                profile_img.setImageResource(R.drawable.ic_baseline_image_24);
                Input_pass.setText("");
                Input_conf_pass.setText("");

                Toast.makeText(Register_Patient.this, "Information Saved Successfully",
Toast.LENGTH_SHORT).show();
            }
        });
    }
})

        .addOnProgressListener(new
OnProgressListener<UploadTask.TaskSnapshot>() {
            @Override
            public void onProgress(@NonNull UploadTask.TaskSnapshot
taskSnapshot) {
                float percent =

```

```

        (100*taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();
        dialog.setMessage("Uploaded : "+(int)percent+" %");
    }
});

}
else{
    Toast.makeText(Register_Patient.this, "Oops! Something went wrong.please try
again later", Toast.LENGTH_SHORT).show();
}

});

changeStatusBarColor();
}

@Override
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
    if(requestCode == 1 && resultCode==RESULT_OK){
        profilepath = data.getData() ;

        try{
            InputStream inputStream = getContentResolver().openInputStream(profilepath);
            profile_bitmap =BitmapFactory.decodeStream(inputStream);
            profile_img.setImageBitmap(profile_bitmap);
        }
        catch (Exception ex){

        }

    }
    super.onActivityResult(requestCode, resultCode, data);
}

public void changeStatusBarColor(){
    Window window = getWindow();

    window.addFlags(WindowManager.LayoutParams.FLAG_DRAWS_SYSTEM_BAR_BACKGR
OUNDS);
    window.setStatusBarColor(getResources().getColor(R.color.register_bk_color));

    getWindow().getDecorView().setSystemUiVisibility(View.SYSTEM_UI_FLAG_LIGHT_STA
TUS_BAR);
}

public void onLoginClick(View view){
    startActivity(new Intent(this,Login_Patient.class));
    overridePendingTransition(R.anim.slide_in_left, android.R.anim.slide_out_right);
}

}

```

## Register\_doctor.java

```
package com.example.infirmary;
```

```
import android.Manifest;
```



```

import android.app.AlertDialog;
import android.content.Intent;
import android.graphics.Bitmap;
import android.graphics.BitmapFactory;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.view.Window;
import android.view.WindowManager;
import android.widget.AdapterView;
import android.widget.AdapterView.Adapter;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.ProgressBar;
import android.widget.Spinner;
import android.widget.Toast;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;

import com.basgeekball.awesomevalidation.AwesomeValidation;
import com.basgeekball.awesomevalidation.ValidationStyle;
import com.basgeekball.awesomevalidation.utility.RegexTemplate;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.storage.FirebaseStorage;
import com.google.firebase.storage.OnProgressListener;
import com.google.firebase.storage.StorageReference;
import com.google.firebase.storage.UploadTask;
import com.karumi.dexter.Dexter;
import com.karumi.dexter.PermissionToken;
import com.karumi.dexter.listener.PermissionDeniedResponse;
import com.karumi.dexter.listener.PermissionGrantedResponse;
import com.karumi.dexter.listener.PermissionRequest;
import com.karumi.dexter.listener.single.PermissionListener;

import java.io.InputStream;

import Information.Doctor_Info;
import kotlin.random.Random;

public class Register_Doctor extends AppCompatActivity {
    EditText
    Input_Name,Input_Id,Input_Email,Input_Contact,Input_address,Input_Description,Input_pas
s,Input_conf_pass;
    Button register,profile_btn;
    AwesomeValidation awesomeValidation;
    Spinner gender_spinner;
    Spinner Specialization_spinner;
    String[] Gender = {"Select","Male","Female","Others"};
    String[] Specialization = {"Select","Family
Physician","Paediatrician","Dietitian","Psychiatrist","Dentist","Ophthalmologist","Dermatolo

```

```

gist"};
    ImageView profile_img;
    Uri profilepath;
    Bitmap profile_bitmap;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_register_doctor);

        gender_spinner = findViewById(R.id.drop_gender);
        ArrayAdapter<String> genderAdapter = new ArrayAdapter<>(Register_Doctor.this,
R.layout.drop_down,Gender);
        genderAdapter.setDropDownViewResource(R.layout.drop_down);
        gender_spinner.setAdapter(genderAdapter);

        gender_spinner.setOnItemClickListener(new AdapterView.OnItemClickListener()
        {
            @Override
            public void onItemClick(AdapterView<?> parent, View view, int position, long id)
            {
                if(parent.getItemAtPosition(position).equals("Select")){
                    // Do Nothing
                    Toast.makeText(Register_Doctor.this, "Please Select Gender",
Toast.LENGTH_SHORT).show();
                }
                else{
                    // Set Selected Value
                    String value1 = parent.getItemAtPosition(position).toString();
                    Toast.makeText(Register_Doctor.this,value1, Toast.LENGTH_SHORT).show();
                }
            }
            @Override
            public void onNothingSelected(AdapterView<?> parent) {

            }
        });

        //=====Drop_Down_Specialist=====
        Specialization_spinner = findViewById(R.id.drop_specialization);
        ArrayAdapter<String> specialistAdapter = new ArrayAdapter<>(Register_Doctor.this,
R.layout.drop_down,Specialization);
        specialistAdapter.setDropDownViewResource(R.layout.drop_down);
        Specialization_spinner.setAdapter(specialistAdapter);

        Specialization_spinner.setOnItemClickListener(new
AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?> parent, View view, int position, long id)
            {
                if(parent.getItemAtPosition(position).equals("Select")){
                    // Do Nothing
                    Toast.makeText(Register_Doctor.this, "Please Select Specialization",
Toast.LENGTH_SHORT).show();
                }
            }
        });
    }
}

```

```

else{
    // Set Selected Value
    String value2 = parent.getItemAtPosition(position).toString();
    Toast.makeText(Register_Doctor.this,value2, Toast.LENGTH_SHORT).show();
}
}
@Override
public void onNothingSelected(AdapterView<?> parent) {

}
});

// ===== VALIDATION =====
awesomeValidation = new AwesomeValidation(ValidationStyle.BASIC);

// Assigning Variable
Input_Name = findViewById(R.id.Name_Doctor);
Input_Id = findViewById(R.id.ID_Doctor);
Input_Email = findViewById(R.id.Email_Doctor);
Input_Contact = findViewById(R.id.Phone_Doctor);
Input_address = findViewById(R.id.Address_Doctor);
Input_Description = findViewById(R.id.Description_Doctor);
Input_pass = findViewById(R.id.Password_Doctor);
Input_conf_pass = findViewById(R.id.ConfirmPassword_Doctor);
profile_img = findViewById(R.id.profile_img);
profile_btn = findViewById(R.id.Browse_profile);
register = findViewById(R.id.cirRegisterButton);

//=====Profile browse=====
profile_btn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {

Dexter.withActivity(Register_Doctor.this).withPermission(Manifest.permission.READ_EXTERNAL_STORAGE).
        withListener(new PermissionListener() {
            @Override
            public void onPermissionGranted(PermissionGrantedResponse
permissionGrantedResponse) {
                Intent intent = new Intent(Intent.ACTION_PICK);
                intent.setType("image/*");
                startActivityForResult(Intent.createChooser(intent,"Select Image File"),1);
            }

            @Override
            public void onPermissionDenied(PermissionDeniedResponse
permissionDeniedResponse) {

            }

            @Override
            public void onPermissionRationaleShouldBeShown(PermissionRequest

```

```

permissionRequest, PermissionToken permissionToken) {

    permissionToken.continuePermissionRequest();
}
}).check();

}
});

// Add Validation For Name
awesomeValidation.addValidation(Register_Doctor.this,R.id.Name_Doctor,"[a-zA-Z][a-zA-Z ]{2,}",R.string.invalid_name);

// Add Validation For Id
awesomeValidation.addValidation(Register_Doctor.this,R.id.ID_Doctor,"[0-9a-zA-Z]{6}",R.string.invalid_Doc_ID);

// Add Validation For Email Id
awesomeValidation.addValidation(Register_Doctor.this,R.id.Email_Doctor,"[a-z0-9]+@[a-z]+\.[a-z]{2,3}",R.string.invalid_Email);

// Contact Number
awesomeValidation.addValidation(Register_Doctor.this,R.id.Phone_Doctor,"[5-9]{1}[0-9]{9}$",R.string.invalid_number);

// Add Validation For Address
awesomeValidation.addValidation(Register_Doctor.this,R.id.Address_Doctor,
RegexTemplate.NOT_EMPTY,R.string.invalid_address);

// Add Validation for Description
awesomeValidation.addValidation(Register_Doctor.this,R.id.Description_Doctor,
RegexTemplate.NOT_EMPTY,R.string.invalid_description);

// Add validation for Password
String regexPassword = "(?=.*[a-z])(?=.*[A-Z])(?=.*[\\d])(?=.*[~`!@#\\$%\\^&*\\|\\(\\)\\|_|+=\\{\\}\\|\\[\\]\\\\\\\\;:\\\"<>,.\\/\\?]).{8,}";

awesomeValidation.addValidation(Register_Doctor.this,R.id.Password_Doctor,regexPassword,R.string.invalid_password);

awesomeValidation.addValidation(Register_Doctor.this,R.id.ConfirmPassword_Doctor,R.id.Password_Doctor,R.string.invalid_conf_pass);

register.setOnClickListener(v -> {
    //uploadtofirebase();
    if(awesomeValidation.validate()) {
        ProgressDialog dialog = new ProgressDialog(this);
        dialog.setTitle("Data Uploading...");
        dialog.show();

        final String name = Input_Name.getText().toString();
        final String id = Input_Id.getText().toString();

```

```

final String email = Input_Email.getText().toString();
final String phone = Input_Contact.getText().toString();
final String address = Input_address.getText().toString();
final String description = Input_Description.getText().toString();
final String specialization = Specialization_spinner.getSelectedItem().toString();
final String gender = gender_spinner.getSelectedItem().toString();
final String pass = Input_pass.getText().toString();
final String cpass = Input_conf_pass.getText().toString();

FirebaseStorage storage = FirebaseStorage.getInstance();
StorageReference uploader = storage.getReference("Image2"+ new Random() {
    @Override
    public int nextBits(int i) {
        return 0;
    }
}.nextInt(100));

uploader.putFile(profilepath).addOnSuccessListener(new
OnSuccessListener<UploadTask.TaskSnapshot>() {
    @Override
    public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {
        uploader.getDownloadUrl().addOnSuccessListener(new
OnSuccessListener<Uri>() {
            @Override
            public void onSuccess(Uri uri) {
                dialog.dismiss();
                FirebaseDatabase db = FirebaseDatabase.getInstance();
                DatabaseReference root = db.getReference("Doctor");

                Doctor_Info doctor_info = new
Doctor_Info(name,id,email,phone,address,specialization,gender,description,uri.toString(),pas
s,cpass);

                root.child(id).setValue(doctor_info);

                Input_Name.setText("");
                Input_Id.setText("");
                Input_Email.setText("");
                Input_Contact.setText("");
                Input_address.setText("");
                Input_Description.setText("");
                profile_img.setImageResource(R.drawable.ic_baseline_image_24);
                Input_pass.setText("");
                Input_conf_pass.setText("");

                Toast.makeText(Register_Doctor.this, "Information Saved Successfully",
Toast.LENGTH_SHORT).show();
            }
        });
    }
})

        .addOnProgressListener(new
OnProgressListener<UploadTask.TaskSnapshot>() {
            @Override
            public void onProgress(@NonNull UploadTask.TaskSnapshot

```

```

taskSnapshot) {
    float percent =
(100*taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();
    dialog.setMessage("Uploaded : "+(int)percent+" %");
    }
    });

    }
    else{
        Toast.makeText(Register_Doctor.this, "Oops! Something went wrong.please try
again later", Toast.LENGTH_SHORT).show();
    }
    });

    changeStatusBarColor();
}

@Override
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
    if(requestCode == 1 && resultCode==RESULT_OK){
        profilepath = data.getData() ;

        try{
            InputStream inputStream = getContentResolver().openInputStream(profilepath);
            profile_bitmap =BitmapFactory.decodeStream(inputStream);
            profile_img.setImageBitmap(profile_bitmap);
        }
        catch (Exception ex){

        }

    }
    super.onActivityResult(requestCode, resultCode, data);
}

public void changeStatusBarColor(){
    Window window = getWindow();

window.addFlags(WindowManager.LayoutParams.FLAG_DRAWS_SYSTEM_BAR_BACKGR
OUNDS);
    window.setStatusBarColor(getResources().getColor(R.color.register_bk_color));

getWindow().getDecorView().setSystemUiVisibility(View.SYSTEM_UI_FLAG_LIGHT_STA
TUS_BAR);
    }
    public void onLoginClick(View view){
        startActivity(new Intent(this,Home_Admin.class));
        overridePendingTransition(R.anim.slide_in_left, android.R.anim.slide_out_right);
    }
}

```

## Register\_chemist.java

```

package com.example.infirmery;

import android.Manifest;
import android.app.ProgressDialog;
import android.content.Intent;
import android.graphics.Bitmap;
import android.graphics.BitmapFactory;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.view.Window;
import android.view.WindowManager;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.Toast;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;

import com.basgeekball.awesomevalidation.AwesomeValidation;
import com.basgeekball.awesomevalidation.ValidationStyle;
import com.basgeekball.awesomevalidation.utility.RegexTemplate;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.storage.FirebaseStorage;
import com.google.firebase.storage.OnProgressListener;
import com.google.firebase.storage.StorageReference;
import com.google.firebase.storage.UploadTask;
import com.karumi.dexter.Dexter;
import com.karumi.dexter.PermissionToken;
import com.karumi.dexter.listener.PermissionDeniedResponse;
import com.karumi.dexter.listener.PermissionGrantedResponse;
import com.karumi.dexter.listener.PermissionRequest;
import com.karumi.dexter.listener.single.PermissionListener;

import java.io.InputStream;

import Information.Chemist_Info;
import Information.Doctor_Info;
import kotlin.random.Random;

public class Register_Chemist extends AppCompatActivity {

    EditText
    Input_Store,Input_Name,Input_Id,Input_Contact,Input_address,Input_pin,Input_pass,Input_c
onf_pass;
    Button register,profile_btn;
    AwesomeValidation awesomeValidation;
    ImageView profile_img;
    Uri profilepath;
    Bitmap profile_bitmap;

```

```

// Firebase Connection
//FirebaseDatabase rootNode;
//DatabaseReference reference;

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_register_chemist);

    awesomeValidation = new AwesomeValidation(ValidationStyle.BASIC);

    // Assigning Variable
    Input_Store = findViewById(R.id.StoreName_Chemist);
    Input_Name = findViewById(R.id.OwnerName_Chemist);
    Input_Id = findViewById(R.id.License_Chemist);
    Input_Contact = findViewById(R.id.Phone_Chemist);
    Input_address = findViewById(R.id.Address_chemist);
    Input_pin = findViewById(R.id.PinCode_Chemist);
    profile_img = findViewById(R.id.profile_img);
    profile_btn = findViewById(R.id.Browse_profile);
    Input_pass = findViewById(R.id.Password_Chemist);
    Input_conf_pass = findViewById(R.id.ConfirmPassword_Chemist);
    register = findViewById(R.id.cirRegisterButton);

    profile_btn.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {

Dexter.withActivity(Register_Chemist.this).withPermission(Manifest.permission.READ_EXTERNAL_STORAGE).
        withListener(new PermissionListener() {
            @Override
            public void onPermissionGranted(PermissionGrantedResponse
permissionGrantedResponse) {
                Intent intent = new Intent(Intent.ACTION_PICK);
                intent.setType("image/*");
                startActivityForResult(Intent.createChooser(intent,"Select Image
File"),1);
            }

            @Override
            public void onPermissionDenied(PermissionDeniedResponse
permissionDeniedResponse) {

            }

            @Override
            public void onPermissionRationaleShouldBeShown(PermissionRequest
permissionRequest, PermissionToken permissionToken) {

                permissionToken.continuePermissionRequest();
            }
        }).check();

```





```

String cpass = Input_conf_pass.getText().toString();

//rootNode = FirebaseDatabase.getInstance();
//reference = rootNode.getReference("Chemist");

FirebaseStorage storage = FirebaseStorage.getInstance();
StorageReference uploader = storage.getReference("Image3"+ new Random() {
    @Override
    public int nextBits(int i) {
        return 0;
    }
}.nextInt(100));

//-----Get All the values -----
uploader.putFile(profilepath).addOnSuccessListener(new
OnSuccessListener<UploadTask.TaskSnapshot>() {
    @Override
    public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {
        uploader.getDownloadUrl().addOnSuccessListener(new
OnSuccessListener<Uri>() {
            @Override
            public void onSuccess(Uri uri) {
                dialog.dismiss();
                FirebaseDatabase db = FirebaseDatabase.getInstance();
                DatabaseReference root = db.getReference("Chemist");

                Chemist_Info chemist_info = new
Chemist_Info(store,ownername,id,phone,address,pin,uri.toString(),pass,cpass);
                root.child(id).setValue(chemist_info);

                Input_Name.setText("");
                Input_Name.setText("");
                Input_Id.setText("");
                Input_Contact.setText("");
                Input_address.setText("");
                Input_pin.setText("");
                profile_img.setImageResource(R.drawable.ic_baseline_image_24);
                Input_pass.setText("");
                Input_conf_pass.setText("");

                Toast.makeText(Register_Chemist.this, "Information Saved
Successfully", Toast.LENGTH_SHORT).show();
            }
        });
    }
})

.addOnProgressListener(new
OnProgressListener<UploadTask.TaskSnapshot>() {
    @Override
    public void onProgress(@NonNull UploadTask.TaskSnapshot
taskSnapshot) {
        float percent =
(100*taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();
        dialog.setMessage("Uploaded : "+(int)percent+" %");
    }
}

```

```

        });
    }
    else{
        Toast.makeText(Register_Chemist.this, "Oops! Something went wrong.please try
again later", Toast.LENGTH_SHORT).show();
    }

    //make a function for validation
});
changeStatusBarColor();
}

@Override
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
    if(requestCode == 1 && resultCode==RESULT_OK){
        profilepath = data.getData() ;

        try{
            InputStream inputStream = getContentResolver().openInputStream(profilepath);
            profile_bitmap = BitmapFactory.decodeStream(inputStream);
            profile_img.setImageBitmap(profile_bitmap);
        }
        catch (Exception ex){

        }
    }
    super.onActivityResult(requestCode, resultCode, data);
}

public void changeStatusBarColor() {
    Window window = getWindow();

    window.addFlags(WindowManager.LayoutParams.FLAG_DRAWS_SYSTEM_BAR_BACKGR
OUNDS);
    window.setStatusBarColor(getResources().getColor(R.color.register_bk_color));

    getWindow().getDecorView().setSystemUiVisibility(View.SYSTEM_UI_FLAG_LIGHT_STA
TUS_BAR);
}

public void onLoginClick(View view) {
    startActivity(new Intent(this, Home_Admin.class));
    overridePendingTransition(R.anim.slide_in_left, android.R.anim.slide_out_right);
}
}

```

## Home\_patient.java

```
package com.example.infirmmary;
```

```

import android.content.Intent;
import android.os.Bundle;
import android.view.MenuItem;
import android.view.View;
import android.widget.Toast;

```

```

import androidx.annotation.NonNull;
import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.cardview.widget.CardView;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;
import androidx.fragment.app.FragmentManager;
import androidx.fragment.app.FragmentPagerAdapter;
import androidx.viewpager.widget.ViewPager;

import com.example.infirmery.Adapter.Patient_Fragment_Adapter;
import com.example.infirmery.Fragment.Patient_Chemist_Fragment;
import com.example.infirmery.Fragment.Patient_Doctor_Fragment;
import com.google.android.material.navigation.NavigationView;
import com.google.android.material.tabs.TabLayout;

public class Home_Patient extends AppCompatActivity {
    public TabLayout tabLayout;
    public ViewPager viewPager;
    public CardView navigation;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home_patient);

        navigation = findViewById(R.id.navigation);

        navigation.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                //Toast.makeText(Home_Patient.this, "Opening Navigation Drawer",
                Toast.LENGTH_SHORT).show();
                Intent nav = new Intent(Home_Patient.this, Navigation_Drawer.class);
                startActivity(nav);
                overridePendingTransition(R.anim.slide_in_left, R.anim.stay);
            }
        });

        tabLayout = findViewById(R.id.tab_layout_home_patient);
        viewPager = findViewById(R.id.home_patient_viewpager);

        tabLayout.setupWithViewPager(viewPager);

        Patient_Fragment_Adapter Padapter = new
        Patient_Fragment_Adapter(getSupportFragmentManager(),
        FragmentPagerAdapter.BEHAVIOR_RESUME_ONLY_CURRENT_FRAGMENT);
        Padapter.addFragment(new Patient_Doctor_Fragment(), "DOCTOR");
        Padapter.addFragment(new Patient_Chemist_Fragment(), "CHEMIST");

        viewPager.setAdapter(Padapter);
    }
}

```

```
}  
  
}
```

## Home\_doctor.java

```
package com.example.infirmery;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Toast;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.cardview.widget.CardView;  
  
public class Home_Doctor extends AppCompatActivity {  
  
    public CardView navigation;  
  
    @Override  
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_home_doctor);  
  
        navigation = findViewById(R.id.navigation);  
  
        navigation.setOnClickListener(new View.OnClickListener() {  
            @Override  
            public void onClick(View v) {  
                //Toast.makeText(Home_Doctor.this, "Opening Navigation Drawer",  
                Toast.LENGTH_SHORT).show();  
                Intent nav = new Intent(Home_Doctor.this, Navigation_Drawer_Doc.class);  
                startActivity(nav);  
                overridePendingTransition(R.anim.slide_in_left, R.anim.stay);  
            }  
        });  
    }  
}
```

## Home\_admin.java

```
package com.example.infirmery;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;
```

```

import androidx.appcompat.app.AppCompatActivity;
import androidx.cardview.widget.CardView;

public class Home_Admin extends AppCompatActivity implements View.OnClickListener {
    public CardView adduser;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home_admin);

        adduser = (CardView)findViewById(R.id.AddMember_btn);

        adduser.setOnClickListener(this);
    }

    @Override
    public void onClick(View v) {
        Intent i;
        switch (v.getId()) {
            case R.id.AddMember_btn:
                i = new Intent(this, Add_Member.class);
                startActivity(i);
                break;
        }
    }
}

```

## **Fragment\_Patient\_doctor.java**

```

package com.example.infirmery.Fragment;

import android.annotation.SuppressLint;
import android.os.Bundle;
import android.view.LayoutInflater;
import android.view.Menu;
import android.view.MenuInflater;
import android.view.MenuItem;
import android.view.View;
import android.view.ViewGroup;
import android.widget.SearchView;

import androidx.annotation.NonNull;
import androidx.fragment.app.Fragment;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import com.example.infirmery.Adapter.DocListAdapter;
import com.example.infirmery.Models.docModel;
import com.example.infirmery.R;
import com.firebase.ui.database.FirebaseRecyclerOptions;
import com.google.firebase.database.DataSnapshot;

```

```

import com.google.firebase.database.DatabaseError;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.database.ValueEventListener;

import java.util.ArrayList;

public class Patient_Doctor_Fragment extends Fragment {
    public Patient_Doctor_Fragment(){
    }

    RecyclerView recyclerView;
    DocListAdapter docListAdapter;

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                             Bundle savedInstanceState) {

        // Inflate the layout for this fragment
        View view=inflater.inflate(R.layout.fragment_patient__doctor_, container, false);

        recyclerView = (RecyclerView) view.findViewById(R.id.doctor_View);
        recyclerView.setLayoutManager(new LinearLayoutManager(getContext()));

        FirebaseRecyclerOptions<docModel> options = new
        FirebaseRecyclerOptions.Builder<docModel>().setQuery(FirebaseDatabase.getInstance().get
        Reference().child("Doctor"),
            docModel.class).build();

        docListAdapter = new DocListAdapter(options);
        recyclerView.setAdapter(docListAdapter);

        return view;
    }

    @Override
    public void onStart() {
        super.onStart();
        docListAdapter.startListening();
    }

    @Override
    public void onStop() {
        super.onStop();
        docListAdapter.stopListening();
    }
}

```

**Fragment\_chemist\_patient.java**

```

package com.example.infirmmary.Fragment;

import android.os.Bundle;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;

import androidx.fragment.app.Fragment;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import com.example.infirmmary.Adapter.ChemListAdapter;
import com.example.infirmmary.Models.chemModel;
import com.example.infirmmary.R;
import com.firebase.ui.database.FirebaseRecyclerOptions;
import com.google.firebase.database.FirebaseDatabase;

public class Patient_Chemist_Fragment extends Fragment {

    public Patient_Chemist_Fragment() {
    }
    RecyclerView recyclerView;
    ChemListAdapter chemListAdapter;
    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                             Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        View view = inflater.inflate(R.layout.fragment_patient_chemist, container, false);

        recyclerView = (RecyclerView) view.findViewById(R.id.chem_list_view);
        recyclerView.setLayoutManager(new LinearLayoutManager(getContext()));

        FirebaseRecyclerOptions<chemModel> options = new
        FirebaseRecyclerOptions.Builder<chemModel>().setQuery(FirebaseDatabase.getInstance().g
        etReference().child("Chemist"),
            chemModel.class).build();

        chemListAdapter = new ChemListAdapter(options);
        recyclerView.setAdapter(chemListAdapter);

        return view;
    }

    @Override
    public void onStart() {
        super.onStart();
        chemListAdapter.startListening();
    }

    @Override
    public void onStop() {
        super.onStop();
        chemListAdapter.stopListening();
    }
}

```



```
}
```

## **Fragment\_Patient\_bookappointment.java**

```
package com.example.infirmery.Fragment;

import android.os.Bundle;

import androidx.appcompat.app.AppCompatActivity;
import androidx.fragment.app.Fragment;

import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;

import com.bumptech.glide.Glide;
import com.example.infirmery.Fragment.Patient_Doctor_Fragment;
import com.example.infirmery.Models.docModel;
import com.example.infirmery.R;

public class Patient_BookAppointment extends Fragment {

    String name,specialization,phone,profile,address,description;

    public Patient_BookAppointment() {
        // Required empty public constructor
    }
    public Patient_BookAppointment(String name, String specialization, String phone,String
profile,String address,String description) {
        this.name = name;
        this.specialization = specialization;
        this.phone = phone;
        this.profile = profile;
        this.address = address;
        this.description = description;
    }

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
        Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        View view = inflater.inflate(R.layout.fragment_patient__book_appointment, container,
false);

        ImageView doc_profileHolder = view.findViewById(R.id.doc_profileHolder);
        TextView doc_nameholder = view.findViewById(R.id.doc_nameholder);
        TextView doc_specializationholder =
view.findViewById(R.id.doc_specializationholder);
```

```

        TextView doc_contactholder = view.findViewById(R.id.doc_contactholder);
        TextView doc_addressholder = view.findViewById(R.id.doc_addressholder);
        TextView doc_descriptionholder = view.findViewById(R.id.doc_descriptionholder);

        doc_nameholder.setText(name);
        doc_specializationholder.setText(specialization);
        doc_contactholder.setText(phone);
        Glide.with(getContext()).load(profile).into(doc_profileHolder);
        doc_addressholder.setText(address);
        doc_descriptionholder.setText(description);

        return view;
    }
    public void onBackPressed(){
        AppCompatActivity activity = (AppCompatActivity)getContext();
        activity.getSupportFragmentManager().beginTransaction().replace(R.id.wrapper,
            new Patient_Doctor_Fragment()).addToBackStack(null).commit();
    }
}

```

## Fragment\_Patient\_prescription.java

```
package com.example.infirmmary.Fragment;
```

```
import android.os.Bundle;
```

```
import androidx.appcompat.app.AppCompatActivity;
import androidx.fragment.app.Fragment;
```

```
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;
```

```
import com.bumptech.glide.Glide;
import com.example.infirmmary.R;
```

```
public class Patient_BookPrescription extends Fragment {
```

```
    String store,ownername,address,pin,profile,phone;
```

```
    public Patient_BookPrescription() {
        // Required empty public constructor
    }

```

```
    public Patient_BookPrescription(String store, String ownername, String address, String
pin,String profile,String phone) {
```

```
        this.store=store;
        this.ownername=ownername;
        this.address=address;
```

```

        this.pin=pin;
        this.profile = profile;
        this.phone = phone;
    }

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                             Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        View view = inflater.inflate(R.layout.fragment_patient__book__prescription, container,
false);
        ImageView chem_profileHolder = view.findViewById(R.id.chem_profileHolder);
        TextView chem_storeholder = view.findViewById(R.id.chem_storeholder);
        TextView chem_ownernamholder =
view.findViewById(R.id.chem_ownernamholder);
        TextView chem_contactholder = view.findViewById(R.id.chem_contactholder);
        TextView chem_addressholder = view.findViewById(R.id.chem_addressholder);
        TextView chem_pinholder = view.findViewById(R.id.chem_pinholder);

        chem_storeholder.setText(store);
        chem_ownernamholder.setText(ownername);
        chem_contactholder.setText(phone);
        Glide.with(getContext()).load(profile).into(chem_profileHolder);
        chem_addressholder.setText(address);
        chem_pinholder.setText(pin);

        return view;
    }

    public void onBackPressed(){
        AppCompatActivity activity = (AppCompatActivity)getContext();
        activity.getSupportFragmentManager().beginTransaction().replace(R.id.wrapper1,
            new Patient_Chemist_Fragment()).addToBackStack(null).commit();
    }
}

```

## Navigation\_drawer.java

```

package com.example.infirmmary;

import androidx.annotation.NonNull;
import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.cardview.widget.CardView;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;

import android.content.Intent;
import android.os.Bundle;
import android.view.MenuItem;
import android.view.View;

```

```

import android.widget.Toast;

import com.google.android.material.navigation.NavigationView;

import Profile.Patient_Profile;

public class Navigation_Drawer extends AppCompatActivity {

    public CardView about,home,profile,notification,faq,logout;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_navigation_drawer);

        about = findViewById(R.id.about);
        home = findViewById(R.id.nav_home);
        profile = findViewById(R.id.nav_profile);
        notification = findViewById(R.id.nav_notify);
        faq = findViewById(R.id.nav_faq);
        logout = findViewById(R.id.nav_logout);

        about.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Toast.makeText(Navigation_Drawer.this, "Opening About Infirmary",
Toast.LENGTH_SHORT).show();
                Intent about = new Intent(Navigation_Drawer.this,About_Us.class);
                startActivity(about);
                overridePendingTransition(R.anim.slide_in_right,R.anim.stay);
            }
        });

        home.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Toast.makeText(Navigation_Drawer.this, "Opening Home",
Toast.LENGTH_SHORT).show();
                Intent home = new Intent(Navigation_Drawer.this,Home_Patient.class);
                startActivity(home);
                overridePendingTransition(R.anim.slide_in_right,R.anim.stay);
            }
        });

        profile.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Toast.makeText(Navigation_Drawer.this, "Opening Profile",
Toast.LENGTH_SHORT).show();
                Intent profile = new Intent(Navigation_Drawer.this, Patient_Profile.class);
                startActivity(profile);
                overridePendingTransition(R.anim.slide_in_right,R.anim.stay);
            }
        });
    }
}

```

```

notification.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Toast.makeText(Navigation_Drawer.this, "Opening Notification",
Toast.LENGTH_SHORT).show();
        //Intent notify = new Intent(Navigation_Drawer.this,Notification_Patient.class);
        //startActivity(notify);
        //overridePendingTransition(R.anim.slide_in_right,R.anim.stay);
    }
});

faq.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Toast.makeText(Navigation_Drawer.this, "Opening FAQ",
Toast.LENGTH_SHORT).show();
        Intent faq = new Intent(Navigation_Drawer.this,FAQ.class);
        startActivity(faq);
        overridePendingTransition(R.anim.slide_in_right,R.anim.stay);
    }
});

logout.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Toast.makeText(Navigation_Drawer.this, "Logout from Account",
Toast.LENGTH_SHORT).show();
        Intent logout = new Intent(Navigation_Drawer.this,Select_Role.class);
        startActivity(logout);
        overridePendingTransition(R.anim.slide_in_right,R.anim.stay);
    }
});

}

}

```

## Add member.java

```

package com.example.infirmery;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;

import androidx.appcompat.app.AppCompatActivity;
import androidx.cardview.widget.CardView;

public class Add_Member extends AppCompatActivity implements View.OnClickListener {
    public CardView doc_add,chem_add;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
    }
}

```

```

setContentView(R.layout.activity_add_member);

doc_add = (CardView)findViewById(R.id.Doctor_Add_btn);
chem_add = (CardView)findViewById(R.id.Chemist_Add_btn);

doc_add.setOnClickListener(this);
chem_add.setOnClickListener(this);
}

@Override
public void onClick(View v) {
    Intent i;
    switch (v.getId()) {
        case R.id.Doctor_Add_btn:
            i = new Intent(this, Register_Doctor.class);
            startActivity(i);
            break;

        case R.id.Chemist_Add_btn:
            i = new Intent(this, Register_Chemist.class);
            startActivity(i);
            break;
    }
}
}

```

## Doc\_List\_Adapter.java

```

package com.example.infirmery.Adapter;

import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.RecyclerView;

import com.bumptech.glide.Glide;
import com.example.infirmery.Fragment.Patient_BookAppointment;
import com.example.infirmery.Models.docModel;
import com.example.infirmery.R;
import com.firebase.ui.database.FirebaseRecyclerAdapter;
import com.firebase.ui.database.FirebaseRecyclerOptions;

public class DocListAdapter extends
    FirebaseRecyclerAdapter<docModel,DocListAdapter.myviewholder> {

    public DocListAdapter(@NonNull FirebaseRecyclerOptions<docModel> options) {
        super(options);
    }
}

```

```

    }

    @Override
    protected void onBindViewHolder(@NonNull myviewholder holder, int position,
    @NonNull docModel docModel) {
        holder.doc_name.setText(docModel.getName());
        holder.doc_specialization.setText(docModel.getSpecialization());
        holder.doc_contact.setText(docModel.getPhone());

        Glide.with(holder.doc_profile.getContext()).load(docModel.getProfile()).into(holder.doc_prof
        ile);

        holder.doc_profile.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                AppCompatActivity activity = (AppCompatActivity)view.getContext();

                activity.getSupportFragmentManager().beginTransaction().replace(R.id.wrapper,
                    new
                Patient_BookAppointment(docModel.getName(),docModel.getSpecialization(),docModel.get
                Phone(),docModel.getProfile(),docModel.getAddress(),docModel.getDescription()))
                    .addToBackStack(null).commit();

            }
        });
    }

    @NonNull
    @Override
    public myviewholder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {
        View view
        =LayoutInflater.from(parent.getContext()).inflate(R.layout.doc_view,parent,false);
        return new myviewholder(view);
    }

    public class myviewholder extends RecyclerView.ViewHolder{

        ImageView doc_profile;
        TextView doc_name,doc_specialization,doc_contact;

        public myviewholder(@NonNull View itemView) {
            super(itemView);

            doc_profile = itemView.findViewById(R.id.doc_profile);
            doc_name = itemView.findViewById(R.id.doc_name);
            doc_specialization = itemView.findViewById(R.id.doc_specialization);
            doc_contact = itemView.findViewById(R.id.doc_contact);
        }
    }
}

```

## Chem\_list\_adapter.java

```

package com.example.infirmmary.Adapter;

import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.RecyclerView;

import com.bumptech.glide.Glide;
import com.example.infirmmary.Fragment.Patient_BookPrescription;
import com.example.infirmmary.Models.chemModel;
import com.example.infirmmary.R;
import com.firebase.ui.database.FirebaseRecyclerAdapter;
import com.firebase.ui.database.FirebaseRecyclerOptions;

public class ChemListAdapter extends
FirebaseRecyclerAdapter<chemModel,ChemListAdapter.myviewholder> {

    public ChemListAdapter(@NonNull FirebaseRecyclerOptions<chemModel> options) {
        super(options);
    }

    @Override
    protected void onBindViewHolder(@NonNull myviewholder holder, int position,
@NonNull chemModel chemModel) {
        holder.shop_name.setText(chemModel.getStore());
        holder.owner_name.setText(chemModel.getOwnername());
        holder.loc_chem.setText(chemModel.getAddress());

        Glide.with(holder.chem_profile.getContext()).load(chemModel.getProfile()).into(holder.chem
_profile);

        holder.chem_profile.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                AppCompatActivity activity = (AppCompatActivity)view.getContext();
                activity.getSupportFragmentManager().beginTransaction().replace(R.id.wrapper1
,new
Patient_BookPrescription(chemModel.getStore(),chemModel.getOwnername(),
chemModel.getAddress(),chemModel.getPin(),chemModel.getProfile(),chemModel.getPhone
()))
                .addToBackStack(null).commit();
            }
        });
    }

    @NonNull
    @Override
    public myviewholder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {

```



```

        View view
    =LayoutInflater.from(parent.getContext()).inflate(R.layout.chem_view,parent,false);
        return new myviewholder(view);
    }

    public class myviewholder extends RecyclerView.ViewHolder{
        ImageView chem_profile;
        TextView shop_name,owner_name,loc_chem;

        public myviewholder(@NonNull View itemView) {
            super(itemView);

            chem_profile = itemView.findViewById(R.id.chem_profile);
            shop_name = itemView.findViewById(R.id.shop_name);
            owner_name = itemView.findViewById(R.id.owner_name);
            loc_chem = itemView.findViewById(R.id.loc_chem);

        }
    }
}

```

## Chem\_model.java

```

package com.example.infirmmary.Models;

public class chemModel {
    String store,ownername,address,pin,profile,phone;

    public chemModel() {

    }

    public chemModel(String store, String ownername, String address, String pin,String
profile,String phone) {
        this.store=store;
        this.ownername=ownername;
        this.address=address;
        this.pin=pin;
        this.profile = profile;
        this.phone = phone;

    }

    public String getStore() {
        return store;
    }

    public void setStore(String store) {
        this.store=store;
    }

    public String getOwnername() {
        return ownername;
    }
}

```

```

public void setOwnername(String ownername) {
    this.ownername=ownername;
}

public String getAddress() {
    return address;
}

public void setAddress(String address) {
    this.address=address;
}

public String getPin() {
    return pin;
}

public void setPin(String pin) {
    this.pin=pin;
}

public String getProfile() {
    return profile;
}

public void setProfile(String profile) {
    this.profile=profile;
}

public String getPhone() {
    return phone;
}

public void setPhone(String phone) {
    this.phone=phone;
}
}

```

## **Doc\_model.java**

```
package com.example.infirmmary.Models;
```

```

public class docModel {
    String name;
    String specialization;
    String phone;
    String profile;
    String address;
    String description;

    public docModel() {
    }

    public docModel(String name, String specialization, String phone,String profile,String
address,String description) {
        this.name=name;

```

```

        this.specialization=specialization;
        this.phone=phone;
        this.profile = profile;
        this.address = address;
        this.description = description;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name=name;
    }

    public String getSpecialization() {
        return specialization;
    }

    public void setSpecialization(String specialization) {
        this.specialization=specialization;
    }

    public String getPhone() {
        return phone;
    }

    public void setPhone(String phone) {
        this.phone=phone;
    }

    public String getProfile() {
        return profile;
    }

    public void setProfile(String profile) {
        this.profile=profile;
    }

    public String getAddress() {
        return address;
    }

    public void setAddress(String address) {
        this.address=address;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description=description;
    }
}

```

## Pat\_model.java

```
package com.example.infirmery.Models;

public class patModel {
    public String pname,uname,pemail,pphone,paddress,ppin,age,gender,profile;

    public patModel() {
    }

    public patModel(String pname, String uname, String pemail, String pphone, String
paddress, String ppin, String age, String gender, String profile) {
        this.pname=pname;
        this.uname=uname;
        this.pemail=pemail;
        this.pphone=pphone;
        this.paddress=paddress;
        this.ppin=ppin;
        this.age=age;
        this.gender=gender;
        this.profile=profile;
    }

    public String getPname() {
        return pname;
    }

    public void setName(String pname) {
        this.pname=pname;
    }

    public String getUname() {
        return uname;
    }

    public void setUname(String uname) {
        this.uname=uname;
    }

    public String getPemail() {
        return pemail;
    }

    public void setPemail(String pemail) {
        this.pemail=pemail;
    }

    public String getPphone() {
        return pphone;
    }

    public void setPphone(String pphone) {
        this.pphone=pphone;
    }
}
```

```

public String getPAddress() {
    return paddress;
}

public void setPAddress(String paddress) {
    this.paddress=paddress;
}

public String getPpin() {
    return ppin;
}

public void setPpin(String ppin) {
    this.ppin=ppin;
}

public String getAge() {
    return age;
}

public void setAge(String age) {
    this.age=age;
}

public String getGender() {
    return gender;
}

public void setGender(String gender) {
    this.gender=gender;
}

public String getProfile() {
    return profile;
}

public void setProfile(String profile) {
    this.profile=profile;
}
}

```

## Videocall.java

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:orientation="vertical"
    android:background="#FFFFFF"
    tools:context=".MainActivity">

```

```

<EditText
    android:id="@+id/conferenceName"
    android:layout_width="match_parent"
    android:layout_height="52dp"
    android:layout_margin="12dp"
    android:textSize="14sp"
    android:textColor="#000000"
    android:textColorHint="#000000"
    android:hint="Enter room name" />

<Button
    android:layout_width="match_parent"
    android:layout_height="52dp"
    android:layout_margin="12dp"
    android:background="#00BCD4"
    android:onClick="onButtonClick"
    android:text="Join"
    android:textColor="#283593" />

</LinearLayout>

```

## Test Cases:

**5.2 Black Box Testing :** Black Box Test Design is defined as a testing technique in which functionality of the Application Under Test (AUT) is tested without looking at the internal code structure, implementation details and knowledge of internal paths of the software. This type of testing is based entirely on software requirements and specifications. In Black Box Testing, we just focus on input and output of the software system without bothering about the inner working of the software. By using this technique, we could save a lot of testing time and get good test case coverage

### 5.2.1 Technique: Boundary Value Analysis (BVA)

BVA is another Black Box Test Design Technique, which is used to find the errors at boundaries of input domain (tests the behavior of a program at the input boundaries) rather than finding those errors in the centre of input. So, the basic idea in boundary value testing is to select input variable values at their: minimum, just above the minimum, just below the minimum, a nominal value, just below the maximum, maximum and just above the maximum. That is, for each range, there are two boundaries, the lower boundary (start of the range) and the upper boundary (end of the range) and the boundaries are the beginning and end of each valid partition. We should design test cases which exercise the program functionality at the boundaries,

and with values just inside and outside the boundaries. Boundary value analysis is also a part of stress and negative testing.

---

Test Type:	<b>Black Box Testing</b>
Test Cases Passed:	<b>10</b>
Test Cases Failed:	<b>0</b>
Test Cases Executed:	<b>10</b>
Test Cases Not Executed:	<b>0</b>
Total Test Cases Planned:	<b>10</b>

---

### **5.3 White Box Testing:**

White Box Testing is software testing technique in which internal structure, design and coding of software are tested to verify flow of input-output and to improve design, usability and security. In white box testing, code is visible to testers so it is also called Clear box testing, Open box testing, Transparent box testing, Code-based testing and Glass box testing.

It is one of two parts of the Box Testing approach to software testing. Its counterpart, Blackbox testing, involves testing from an external or end-user type perspective. On the other hand, White box testing in software engineering is based on the inner workings of an application and revolves around internal testing.

Technique: Cyclomatic Complexity

Form : Sign-up page

The white box test is a test case design method that uses the procedural design control structure to derive the test cases.

➤ White box tests checks that:

1. All independent paths of each module are executed at least once.
2. Decisions are used in their true part and in their false part.
3. All loops are executed at their limits.
4. All internal data structures are used.

➤ Cyclomatic complexity:

It is a measure that provides an idea of the logical complexity of a program

1. Cyclomatic complexity coincides with the number of regions of the flow graph.
2. The cyclomatic complexity,  $V(G)$ , of a flow graph  $G$ , is defined as  $V(G) = \text{Edges} - \text{Nodes} + 2$ .
3. The cyclomatic complexity,  $V(G)$ , of a flow graph  $G$ , is also defined as  $V(G) = \text{predicate nodes} + 1$ .

Cyclomatic Complexity for user validate function.

Here

$E = 36, N = 35, p = 2$

Therefore, cyclomatic complexity  $= 28 - 27 + 2 = 3$

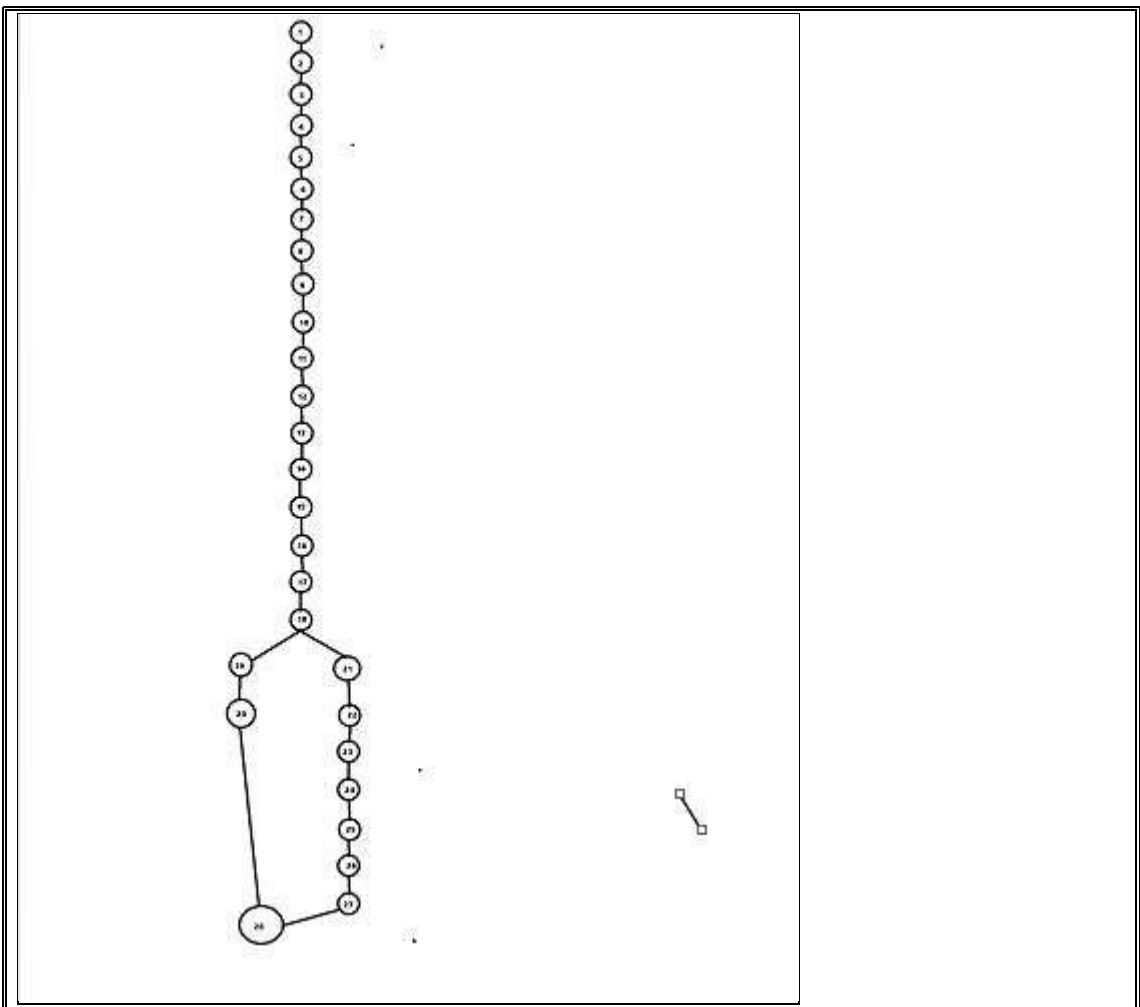
Complexity = 3

Basic paths to be tested are

Path 1 : 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-28

Path 2: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-21-22-23-24-25-26-27





**Figure: Control Flow Diagram/Graph**

## CHAPTER 6: RESULTS AND DISCUSSION

### 6.1 TEST REPORTS

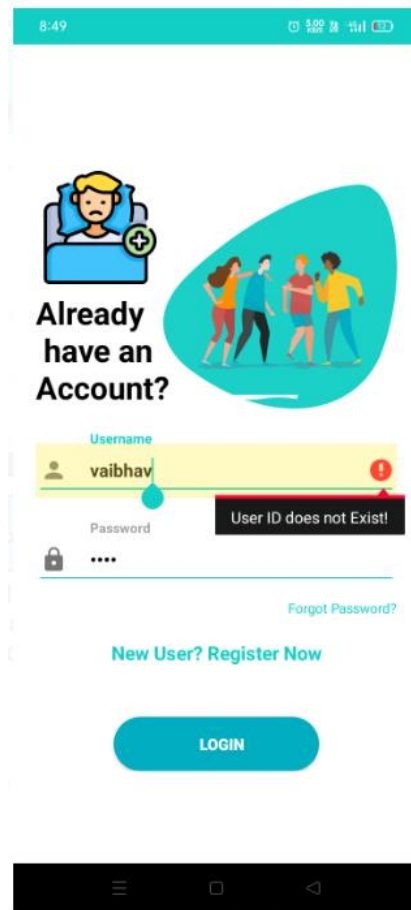
#### Sign-up-phase

The screenshot shows a 'Patient Registration' form with the following fields and validation errors:

- Name:** Error message: 'Please Enter Valid Name'
- Username:** Invalid
- Email ID:** Invalid
- Contact Number:** Invalid
- Address:** Invalid
- Pin Code:** Invalid
- Age:** Invalid
- Gender:** Invalid

Sign-up	Test case	Input	Actions	Result
1	Full name	Only text	valid	Pass
		If it includes numbers	Invalid	Fail
2	Mobile no	Only 10-digit numbers	Valid	Pass
		If text or (num >10 <) then	Invalid	Fail
3	Email	@&.com must	Valid	Pass
		If not	Invalid	Fail
4	Pincode	Must of 6 digits number	Valid	Pass
		Less then or greater thn 6	Invalid	Fail
5	Password	Must follow all 5 characteristics A, a, 1, @, len 8	Valid	Pass

		If any thing missing	Invalid	Fail
6	Confirm password	should match with password	Valid	Pass
		If it is not matching	Invalid	Fail



### Log-in Phase

Login	Fields	Input	Input	Input	Input
1	User name	✓	Null	Null	✓
2	Password	Null	✓	Null	✓
	Login sucess	Unsucessfull	Unsucessfull	Unsucessfull	Successful



UPLOAD

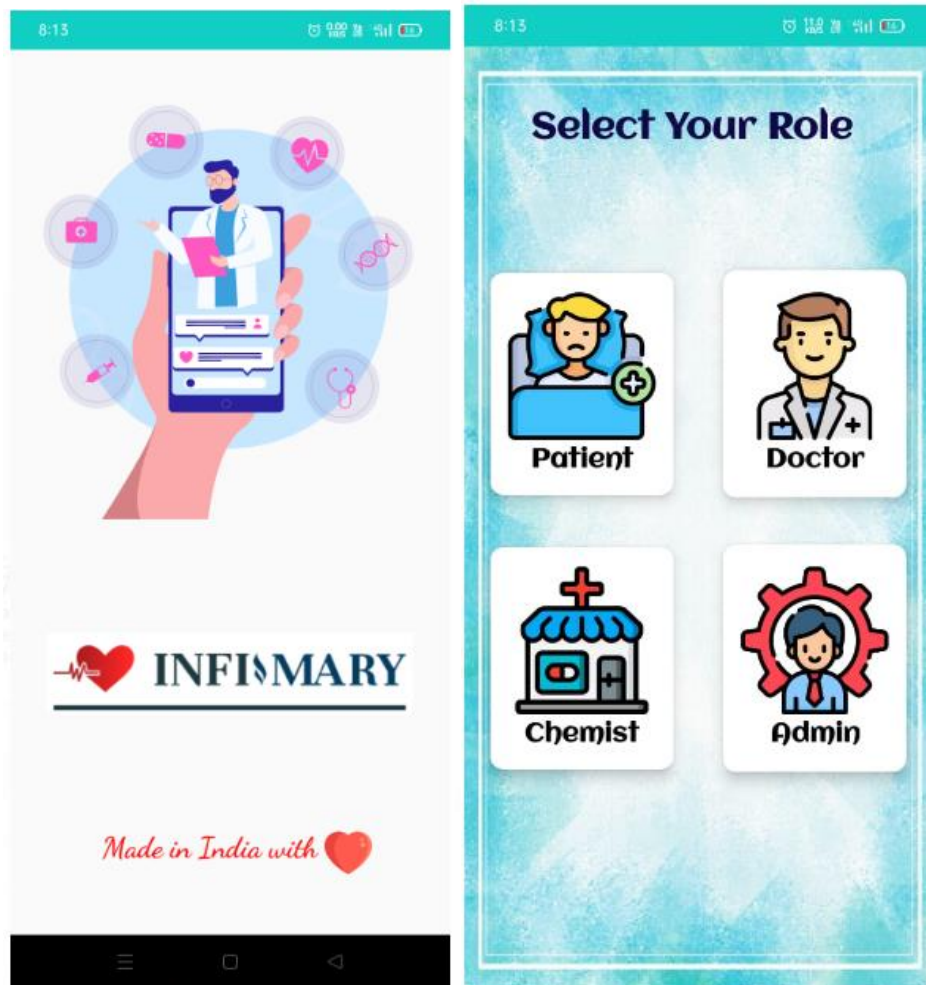
Please Select Image

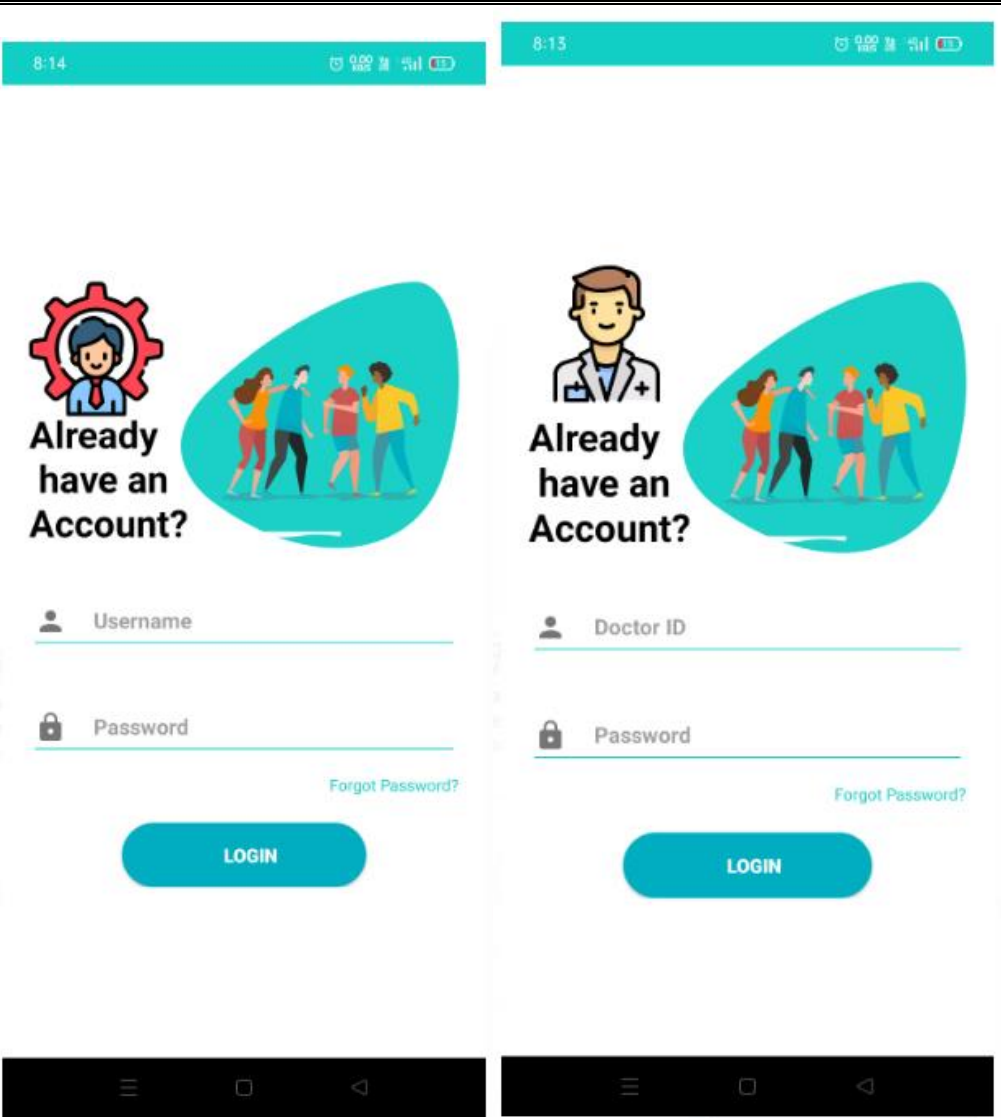
SHOW ALL



Prescription			
1	Selected	✓	Successful
2	Not selected	Null	Unsucessfull

## 6.2 USER DOCUMENTATION





8:13



8:13



**Already  
have an  
Account?**



License ID



Password

[Forgot Password?](#)

LOGIN



**Already  
have an  
Account?**



Username



Password


[Forgot Password?](#)

[New User? Register Now](#)

LOGIN



8:15 0.00 KB 4G 11



## Patient Registration

Name

Username

Email ID

Contact Number


Address

Pin Code

← Age

Gender

8:39 0.00 KB 4G 11



## Doctor Registration

Doctor Name

Doctor ID

Email ID

Contact Number


Address

Specialization

← Gender



8:16



## Chemist Registration

Store Name

Owner Name


License ID

Contact Number

Address

Pin Code

Profile Photo

 **BROWSE**

8:17


## WELCOME


DOCTOR


CHEMIST

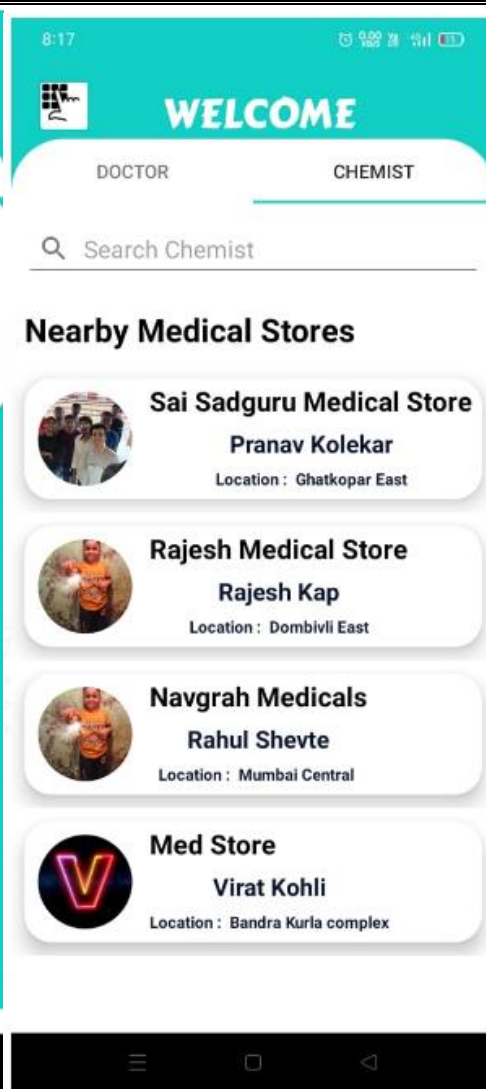
Search Doctor

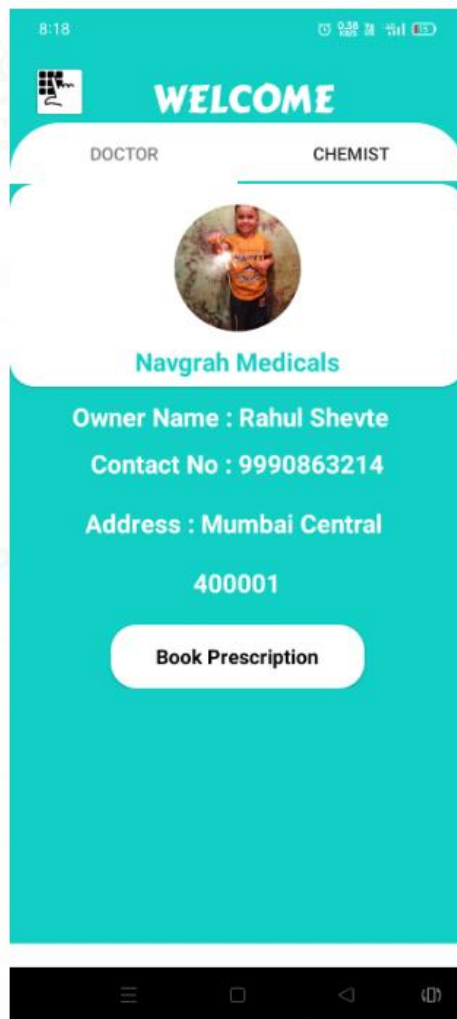
Family Physician Paediatrician Dietitian

 **Dr. Angel Priya**  
Specialization : Family Physician  
Contact No : 8797675747

 **Dr. Rajesh shah**  
Specialization : Ophthalmologist  
Contact No : 9787348500

 **Dr. Dennis Nadar**  
Specialization : Dentist  
Contact No : 9920975464







8:55 PM 🌙 📶 🔋

Enter room name

JOIN

■ ● ◀

## CHAPTER 7: CONCLUSIONS

### 7.1 Conclusion:

Now a days the whole world is suffering many health issue due to heavy workload, mental stress, sudden change in climate but due to the COVID crisis it is very difficult to consult every patients in hospital & dispensary so to avoid crowd, to maintain social distancing and also earlier we have wait for our turn for appointment in waiting area therefore it is also reduce time of patients as well as doctors also.

In this app we can login through 3 parties:1.Patients 2.Doctors & 3.Chemist. First patients have give their some personal details like name,address, contact number etc. After that patients are able to book an appointment of that doctors which they want for consultation. Then doctors can consult their patients by virtual meeting . If the doctors seen any major health problem or any major disease then he/she told patient to come to hospital or dispensary for further check-up but if doctors doesn't seen any major problem then he/she give prescription to their patients according to that patients have to follow the advice take medicine time to time. If a doctors told a patient to buy any particular medicine or any other medical related product then he can book it through chemist section were patients first select the medical store which are register on the application then patient is able to book medicine after that the medical store employee will deliver this medicine & other medical products.

The language and technology we were used to developed application for FrontEnd that's XML , for BackEnd it's JAVA and for database we were used Firebase (is categorized as a NoSQL database program, which stores data in JSON-like documents.) All these integrated at one IDE called Android Studio.

We expalined the flow of data by using various digram like ER, DFD, UML. The mentioned diagrams are drawn using STAR UML. Diagrams helps to uderstand the sequence of data and clear the flow of data.

Our project aim is to help people to get the consultation from the best doctors. Infirmary app application which provide cosultation sitting at your place.

### 7.2 Limitations of our System

We are try to cover all the problems that are faced by customer or service provider but there are some limitation in our system :

- There are some security issues.
- Bug problems.
- Not Supported in all mobile phones especially in **IOS** device.
- Data Flow issues.
- Slow read and write.

- Backup & Restoration data problem.
- Emergency Services not available.
- Real-Time Search & Access not supported.

## 8. References

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### ➤ **Websites :**

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