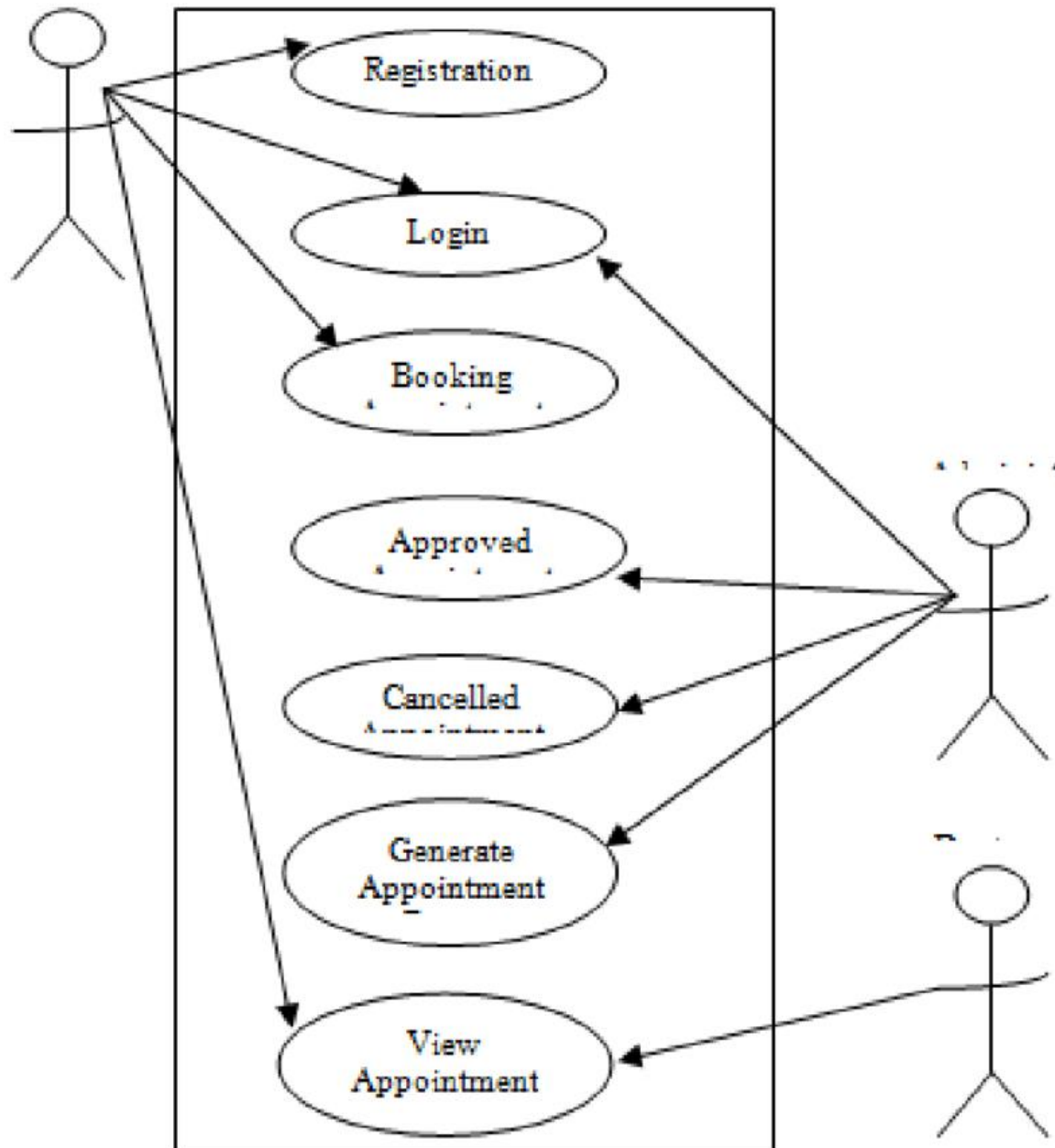
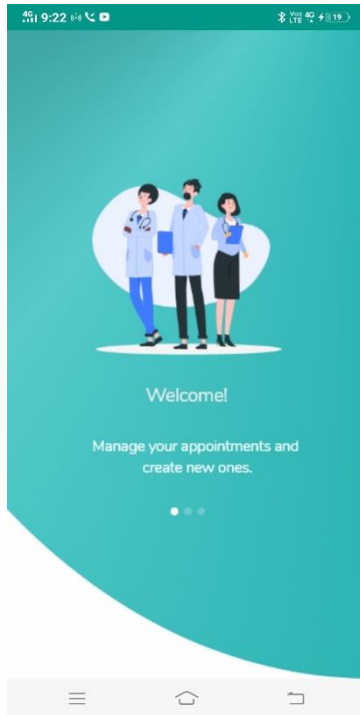


DFD Diagram



Input And Output Screen Design



A mobile app screen for creating a new account. The title "Create New Account" is at the top. Below it, there are four input fields: "Full Name", "Phone Number", "Password", and "Category (Choose any one)". The "Full Name" field has a placeholder "Enter your Full Name". The "Phone Number" field has a placeholder "Enter Phone Number". The "Password" field has a placeholder "Enter Your Password". The "Category" field has two radio buttons labeled "Doctor" and "Paitent" (misspelled). Below the input fields is a large teal button labeled "SIGN UP". At the bottom, there is a navigation bar with three icons: a menu, a home, and a back arrow.

A mobile app login screen. At the top, there's a status bar with the time 9:22, signal strength, and battery level. Below the status bar, there's a circular profile picture of a doctor. Below the profile picture, there are two buttons: "LOGIN AS DOCTOR" and "LOGIN AS PATIENT". Below these buttons, there's a link "Don't have account ? Sign Up". At the bottom, there's a link "Emergency ? Take Appointment Now". A navigation bar at the very bottom contains three icons: a menu, a home, and a back arrow.

A mobile app screen for doctor login. The title "DOCTOR LOGIN" is at the top. Below it, there's a circular profile picture of a doctor. Below the profile picture, there's an input field for email with the placeholder "xyz@gmail.com". Below the email field, there's an input field for password with the placeholder "Enter Password". Below the password field is a teal button labeled "LOGIN". Below the button is a link "Forgot Password?". At the bottom, there is a navigation bar with three icons: a menu, a home, and a back arrow.

A mobile app screen for taking an appointment. The title "Take Appointment" is at the top. Below it, there's a profile picture of a doctor. Below the profile picture, there are four input fields: "First Name", "Last Name", "Email Id (Optional)", and "Phone No.". Below the input fields, there's a section for "Choose Slot" with two buttons: "Time : 08 AM - 10:00 AM" and "Time : 04 PM - 10:00 PM". Below the slot selection, there's a section for "Problems" with a text area labeled "Describe Problems". At the bottom is a large teal button labeled "Get An Appointment". A navigation bar at the very bottom contains three icons: a menu, a home, and a back arrow.

Coding Sheets

Main Activity

```
package com.example.lifecareclinic;

import androidx.appcompat.app.AppCompatActivity;

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

import java.util.Timer;
import java.util.TimerTask;

public class MainActivity extends AppCompatActivity {

    Timer timer;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        timer = new Timer();
        timer.schedule(new TimerTask() {
            @Override
            public void run() {
                Intent intent= new Intent(MainActivity.this, LoginPanel.class);
                startActivity(intent);
                finish();
            }
        },3000);
    }
}
```

Tab Page

```
package com.example.lifecareclinic;

import androidx.appcompat.app.AppCompatActivity;

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

public class TabPage extends AppCompatActivity implements View.OnClickListener {

    public ImageView doctor,AboutUs, appointment;

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

        doctor = (ImageView) findViewById(R.id.DoctorButton);
        AboutUs = (ImageView) findViewById(R.id.AboutButton) ;
        appointment = (ImageView) findViewById(R.id.AppointmentButton);

        doctor.setOnClickListener(this);
        AboutUs.setOnClickListener(this);
        appointment.setOnClickListener(this);
    }

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

            case R.id.AboutButton:
                intent = new Intent(this,AboutUsTab.class);
```

```

        startActivity(intent);
        break;

    case R.id.AppointmentButton:
        intent = new Intent(this,AppointmentTab.class);
        startActivity(intent);
        break;

    }

}
}

```

Login Panel

```

package com.example.lifecareclinic;

import androidx.appcompat.app.AppCompatActivity;

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

public class LoginPanel extends AppCompatActivity implements View.OnClickListener {
    public Button loginAsDoctor, loginAsPaitent;
    public TextView signUp;

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

        loginAsDoctor = (Button) findViewById(R.id.LoginAsDoctor);
        loginAsPaitent = (Button) findViewById(R.id.LoginAsPaitent);
        signUp = (TextView) findViewById(R.id.SignUp);

        loginAsDoctor.setOnClickListener(this);
        loginAsPaitent.setOnClickListener(this);
        signUp.setOnClickListener(this);

    }
}

```

```

@Override
public void onClick(View v) {
    Intent i;
    switch (v.getId()){
        case R.id.LoginAsDoctor:
            i = new Intent(this,DoctorLogin.class);
            startActivity(i);
            break;
        case R.id.LoginAsPaitent:
            i = new Intent(this,PaitentLogin.class);
            startActivity(i);
            break;
        case R.id.SignUp:
            i = new Intent(this,SignUp.class);
            startActivity(i);
            break;
    }
}
}
}

```

Patient Login

```

package com.example.lifecareclinic;

import androidx.appcompat.app.AppCompatActivity;

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

public class PaitentLogin extends AppCompatActivity {

    private Button button;

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

        button = (Button) findViewById(R.id.LoginButtonPaitent);
    }
}

```

```

button.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) { openTabPage();

    }
});
}
public void openTabPage(){
    Intent intent = new Intent(this, TabPage.class);
    startActivity(intent);
}
}

```

Welcome Screen XML Code

```

<?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="@drawable/welcome_screen"
    tools:context=".MainActivity"/>

```

Login Panel XML Code

```

<?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:id="@+id/LoginAsDoctorButton"
    android:layout_width="match_parent"

    android:layout_height="match_parent"
    tools:context=".LoginPanel">

<ImageView
    android:id="@+id/imageView"
    android:layout_width="0dp"
    android:layout_height="0dp"

```

```
android:src="@drawable/loginpanel"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.0"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.0" />
```

<Button

```
android:id="@+id/LoginAsDoctor"
android:layout_width="0dp"
android:layout_height="0dp"

android:layout_marginStart="54dp"
android:layout_marginTop="381dp"
android:layout_marginEnd="54dp"
android:layout_marginBottom="35dp"
android:background="@color/white"
android:text="Login As Doctor"
app:layout_constraintBottom_toTopOf="@+id/LoginAsPaitent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent" />
```

<Button

```
android:id="@+id/LoginAsPaitent"
android:layout_width="0dp"
android:layout_height="0dp"
android:layout_marginStart="54dp"
android:layout_marginEnd="54dp"
android:layout_marginBottom="181dp"
android:background="@color/white"
android:text="Login As Patient"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/LoginAsDoctor" />
```

<TextView

```
android:id="@+id/textView"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Don't have account ?"
app:layout_constraintBottom_toBottomOf="@+id/imageView"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.383"
app:layout_constraintStart_toStartOf="parent"
```



```
app:layout_constraintTop_toBottomOf="@+id/LoginAsPaitent"
app:layout_constraintVertical_bias="0.191" />
```

```
<TextView
    android:id="@+id/SignUp"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Sign Up"
    android:textColor="@color/purple_700"
    app:layout_constraintBottom_toBottomOf="@+id/imageView"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.796"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/LoginAsPaitent"
    app:layout_constraintVertical_bias="0.191" />
```

```
<TextView
    android:id="@+id/Emergency"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Emergency ? Take Appointment Now"
    android:textColor="@color/design_default_color_error"
    app:layout_constraintBottom_toBottomOf="@+id/imageView"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/LoginAsPaitent" />
```

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

Sign Up XML Code

```
<?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=".SignUp">

    <TextView
        android:id="@+id/catagory"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginEnd="34dp"
```

```
android:layout_marginBottom="22dp"
android:text=" Category (Choose any one)"
app:layout_constraintBottom_toTopOf="@+id/paitentCheckBox"
app:layout_constraintEnd_toEndOf="@+id/paitentCheckBox" />
```

```
<TextView
    android:id="@+id/createNewAccount"
    android:layout_width="wrap_content"
    android:layout_height="70dp"
    android:layout_marginTop="48dp"
    android:text="Create New Account"
    android:textColor="@color/black"
    android:textSize="24sp"
    android:textStyle="bold"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
```

```
<TextView
    android:id="@+id/fullName"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="63dp"
    android:text="Full Name"
    app:layout_constraintStart_toStartOf="@+id/createNewAccount"
    app:layout_constraintTop_toTopOf="@+id/createNewAccount" />
```

```
<EditText
    android:id="@+id/EnterFullName"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="16dp"
    android:ems="10"
    android:hint="Enter your Full Name"
    android:inputType="textPersonName"
    android:minHeight="48dp"
    app:layout_constraintStart_toStartOf="@+id/fullName"
    app:layout_constraintTop_toBottomOf="@+id/fullName" />
```

```
<TextView
    android:id="@+id/phoneNumber"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="25dp"
    android:text="Phone Number"
    app:layout_constraintStart_toStartOf="@+id/EnterFullName"
    app:layout_constraintTop_toBottomOf="@+id/EnterFullName" />
```

```
<EditText
    android:id="@+id/EnterPhoneNumber"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="25dp"
    android:hint="Enter Phone Number"
    android:minHeight="48dp"
    app:layout_constraintStart_toStartOf="@+id/phoneNumber"
    app:layout_constraintTop_toBottomOf="@+id/phoneNumber" />
```

```
<TextView
    android:id="@+id/password"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="1dp"
    android:layout_marginTop="26dp"
    android:text="Password"
    app:layout_constraintStart_toStartOf="@+id/EnterPhoneNumber"
    app:layout_constraintTop_toBottomOf="@+id/EnterPhoneNumber" />
```

```
<EditText
    android:id="@+id/enterPassword"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="27dp"
    android:hint="Enter Your Password"
    android:minHeight="48dp"
    app:layout_constraintStart_toStartOf="@+id/password"
    app:layout_constraintTop_toBottomOf="@+id/password" />
```

```
<Button
    android:id="@+id/signUpButton"
    android:layout_width="0dp"
    android:layout_height="51dp"

    android:layout_marginStart="49dp"
    android:layout_marginTop="86dp"
    android:layout_marginEnd="49dp"
    android:layout_marginBottom="94dp"
    android:background="@color/purple_200"
    android:text="Sign Up"
    android:textColor="#424242"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
```

```
app:layout_constraintTop_toTopOf="@+id/doctorCheckBox"
tools:ignore="TouchTargetSizeCheck" />
```

```
<CheckBox
    android:id="@+id/doctorCheckBox"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="2dp"
    android:layout_marginTop="18dp"
    android:text="Doctor"
    app:layout_constraintStart_toStartOf="@+id/catagory"
    app:layout_constraintTop_toBottomOf="@+id/catagory" />
```

```
<CheckBox
    android:id="@+id/paitentCheckBox"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="73dp"
    android:layout_marginEnd="39dp"
    android:text="Paitent"
    app:layout_constraintEnd_toEndOf="@+id/signUpButton"
    app:layout_constraintTop_toBottomOf="@+id/enterPassword" />
```

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

Doctor Login XML Code

```
<?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=".DoctorLogin">
```

```
<ImageView
    android:id="@+id/imageView2"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:src="@drawable/loginpanel"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.66"
```

```
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.0" />
```

<TextView

```
    android:id="@+id/DoctoLogin"
    android:layout_width="276dp"
    android:layout_height="56dp"
    android:layout_marginTop="68dp"
    android:text="DOCTOR LOGIN"
    android:textColor="@color/purple_200"
    android:textSize="34sp"
    android:textStyle="bold"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.697"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
```

<EditText

```
    android:id="@+id/emailpalace"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:ems="10"
    android:hint="xyz@gmail.com"
    android:inputType="textPersonName"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/DoctoLogin"
    app:layout_constraintVertical_bias="0.377" />
```

<EditText

```
    android:id="@+id/Password"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:ems="10"
    android:hint="Enter Password"
    android:inputType="textPassword"
    app:layout_constraintBottom_toBottomOf="@+id/imageView2"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.502"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="@+id/emailpalace"
    app:layout_constraintVertical_bias="0.234" />
```

<Button

```

android:id="@+id/LoginButtonPaitent"
android:layout_width="220dp"
android:layout_height="43dp"
android:text="Login"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.497"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/Password"
app:layout_constraintVertical_bias="0.15" />

```

```

<TextView
    android:id="@+id/ForgotPassword"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Forgot Password?"
    app:layout_constraintBottom_toBottomOf="@+id/imageView2"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/emailpalace" />

```

```

</androidx.constraintlayout.widget.ConstraintLayout>

```

Patient Login XML Code

```

<?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=".PaitentLogin">

```

```

<ImageView
    android:id="@+id/imageView2"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:src="@drawable/paitentlogin"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.66"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.0" />

```

```
<TextView
    android:id="@+id/DoctoLogin"
    android:layout_width="276dp"
    android:layout_height="56dp"
    android:layout_marginTop="68dp"
    android:text="PAITENT LOGIN"
    android:textColor="@color/purple_200"
    android:textSize="34sp"
    android:textStyle="bold"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.697"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
```

```
<EditText
    android:id="@+id/emailpalace"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:ems="10"
    android:hint="xyz@gmail.com"
    android:inputType="textPersonName"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/DoctoLogin"
    app:layout_constraintVertical_bias="0.377" />
```

```
<EditText
    android:id="@+id/Password"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:ems="10"
    android:hint="Enter Password"
    android:inputType="textPassword"
    app:layout_constraintBottom_toBottomOf="@+id/imageView2"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.502"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="@+id/emailpalace"
    app:layout_constraintVertical_bias="0.234" />
```

```
<Button
    android:id="@+id/LoginButtonPaitent"
    android:layout_width="220dp"
    android:layout_height="43dp"
```

```

        android:text="Login"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.497"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/Password"
        app:layout_constraintVertical_bias="0.15" />

<TextView
    android:id="@+id/ForgotPassword"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Forgot Password?"
    app:layout_constraintBottom_toBottomOf="@+id/imageView2"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/emailpalace" />

</androidx.constraintlayout.widget.ConstraintLayout>

```

Tab Page XML code

```

<?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"
    tools:context=".TabPage">

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

        <androidx.cardview.widget.CardView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="10sp"
            android:layout_marginLeft="10sp"
            android:layout_marginRight="10sp"

            >

```



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

    android:orientation="horizontal"
    >
    <ImageView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:src="@drawable/mainheader"></ImageView>

</LinearLayout>
```

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

```
<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="10sp"
    android:layout_marginLeft="10sp"
    android:layout_marginRight="10sp"

    >
```

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

    android:orientation="horizontal"
    >

    <ImageView
        android:id="@+id/emergencyButton"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:src="@drawable/emergency">

    </ImageView>

</LinearLayout>
```

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

```
<GridLayout  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="10sp"  
    android:layout_marginRight="10sp"  
    android:layout_marginLeft="10sp"  
    android:rowCount="4"  
    android:columnCount="6"  
>
```

```
<androidx.cardview.widget.CardView  
    android:layout_gravity="fill"  
    android:layout_rowWeight="1"  
    android:layout_columnWeight="1"
```

```
>
```

```
<ImageView  
    android:id="@+id/DoctorButton"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_gravity="center"  
    android:paddingTop="30sp"  
    android:src="@drawable/doctors">
```

```
</ImageView>
```

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

```
<androidx.cardview.widget.CardView  
    android:layout_gravity="fill"  
    android:layout_rowWeight="1"  
    android:layout_columnWeight="1"
```

```
>
```

```
<ImageView  
    android:id="@+id/TreatmentButton"
```

```
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:paddingTop="30sp"
        android:src="@drawable/treatment">
```

```
</ImageView>
```

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

```
<androidx.cardview.widget.CardView
    android:layout_gravity="fill"
    android:layout_rowWeight="1"
    android:layout_columnWeight="1"
```

```
>
```

```
<ImageView
    android:id="@+id/FacilityButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:paddingTop="30sp"
    android:src="@drawable/facility">
```

```
</ImageView>
```

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

```
</GridLayout>
```

```
<GridLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="10sp"
    android:layout_marginRight="10sp"
    android:layout_marginLeft="10sp"
    android:rowCount="4"
    android:columnCount="6"
```

>

```
<androidx.cardview.widget.CardView
    android:layout_gravity="fill"
    android:layout_rowWeight="1"
    android:layout_columnWeight="1"
```

>

```
<ImageView
    android:id="@+id/LabButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:paddingTop="30sp"
    android:src="@drawable/labs">
```

```
</ImageView>
```

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

```
<androidx.cardview.widget.CardView
    android:layout_gravity="fill"
    android:layout_rowWeight="1"
    android:layout_columnWeight="1"
```

>

```
<ImageView
    android:id="@+id/ReportButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:paddingTop="30sp"
    android:src="@drawable/reports">
```

```
</ImageView>
```

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

```
<androidx.cardview.widget.CardView
    android:layout_gravity="fill"
    android:layout_rowWeight="1"
```

```
android:layout_columnWeight="1"
```

```
>
```

```
<ImageView  
    android:id="@+id/NewsButton"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_gravity="center"  
    android:paddingTop="30sp"  
    android:src="@drawable/news">
```

```
</ImageView>
```

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

```
</GridLayout>
```

```
<GridLayout  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="10sp"  
    android:layout_marginRight="10sp"  
    android:layout_marginLeft="10sp"  
    android:rowCount="4"  
    android:columnCount="6"  
>
```

```
<androidx.cardview.widget.CardView  
    android:layout_gravity="fill"  
    android:layout_rowWeight="1"  
    android:layout_columnWeight="1"
```

```
>
```

```
<ImageView  
    android:id="@+id/GalleryButton"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_gravity="center"  
    android:paddingTop="30sp"
```

```
        android:src="@drawable/gallery">

</ImageView>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_gravity="fill"
    android:layout_rowWeight="1"
    android:layout_columnWeight="1"

>

<ImageView
    android:id="@+id/ArticalButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:paddingTop="30sp"
    android:src="@drawable/articals">

</ImageView>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_gravity="fill"
    android:layout_rowWeight="1"
    android:layout_columnWeight="1"

>

<ImageView
    android:id="@+id/DocumentButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:paddingTop="30sp"
    android:src="@drawable/documents">

</ImageView>
```

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

```
</GridLayout>
```

```
<GridLayout  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="10sp"  
    android:layout_marginRight="10sp"  
    android:layout_marginLeft="10sp"  
    android:rowCount="4"  
    android:columnCount="6"  
>
```

```
<androidx.cardview.widget.CardView  
    android:layout_gravity="fill"  
    android:layout_rowWeight="1"  
    android:layout_columnWeight="1"
```

```
>
```

```
<ImageView  
    android:id="@+id/AppointmentButton"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_gravity="center"  
    android:paddingTop="30sp"  
    android:src="@drawable/appointment">
```

```
</ImageView>
```

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

```
<androidx.cardview.widget.CardView  
    android:layout_gravity="fill"  
    android:layout_rowWeight="1"  
    android:layout_columnWeight="1"
```

```
>
```

```
<ImageView  
    android:id="@+id/ContactButton"
```

```
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:paddingTop="30sp"
        android:src="@drawable/contactus">
```

```
</ImageView>
```

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

```
<androidx.cardview.widget.CardView
    android:layout_gravity="fill"
    android:layout_rowWeight="1"
    android:layout_columnWeight="1"
```

```
>
```

```
<ImageView
    android:id="@+id/AboutButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:paddingTop="30sp"
    android:src="@drawable/aboutus">
```

```
</ImageView>
```

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

```
</GridLayout>
```

```
<GridLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="10sp"
    android:layout_marginRight="10sp"
    android:layout_marginLeft="10sp"
    android:rowCount="4"
    android:columnCount="6"
```

```
>
```



```
<androidx.cardview.widget.CardView
    android:layout_gravity="fill"
    android:layout_rowWeight="1"
    android:layout_columnWeight="1"
```

```
>
```

```
<ImageView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:paddingTop="30sp"
    android:src="@drawable/doctors"
>
```

```
</ImageView>
```

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

```
<androidx.cardview.widget.CardView
    android:layout_gravity="fill"
    android:layout_rowWeight="1"
    android:layout_columnWeight="1"
```

```
>
```

```
<ImageView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:paddingTop="30sp"
    android:src="@drawable/doctors"
>
```

```
</ImageView>
```

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

```
<androidx.cardview.widget.CardView
    android:layout_gravity="fill"
    android:layout_rowWeight="1"
    android:layout_columnWeight="1"
```

>

```
<ImageView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:paddingTop="30sp"
    android:src="@drawable/doctors"
>
```

```
</ImageView>
```

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

```
</GridLayout>
```

```
</LinearLayout>
```

```
</ScrollView>
```

Doctor Panel XML Code

```
<?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=".DoctorTab">
```

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

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

```
android:layout_marginTop="10sp"
android:layout_marginLeft="10sp"
android:layout_marginRight="10sp"
```

```
>
```

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

```
    android:orientation="horizontal"
```

```
>
```

```
<ImageView
    android:id="@+id/mainheaderdoctor"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:src="@drawable/mainheaderdoctor"></ImageView>
```

```
</LinearLayout>
```

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

```
<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="10sp"
    android:layout_marginLeft="10sp"
    android:layout_marginRight="10sp"
```

```
>
```

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

```
    android:orientation="horizontal"
```

```
>
```

```
<ImageView
    android:id="@+id/drishnu"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
```

```
        android:src="@drawable/drvishnutab">
```

```
    </ImageView>
```

```
</LinearLayout>
```

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

```
<androidx.cardview.widget.CardView  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="10sp"  
    android:layout_marginLeft="10sp"  
    android:layout_marginRight="10sp"
```

```
>
```

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

```
    android:orientation="horizontal"
```

```
>
```

```
<ImageView  
    android:id="@+id/drajayinfo"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:src="@drawable/drajay">
```

```
</ImageView>
```

```
</LinearLayout>
```

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

```

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="10sp"
    android:layout_marginLeft="10sp"
    android:layout_marginRight="10sp"

>

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

    android:orientation="horizontal"
>

<ImageView
    android:id="@+id/dramit"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:src="@drawable/amitlakhiwal">

</ImageView>

</LinearLayout>

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

</androidx.constraintlayout.widget.ConstraintLayout>

```

About Us XML Code

```

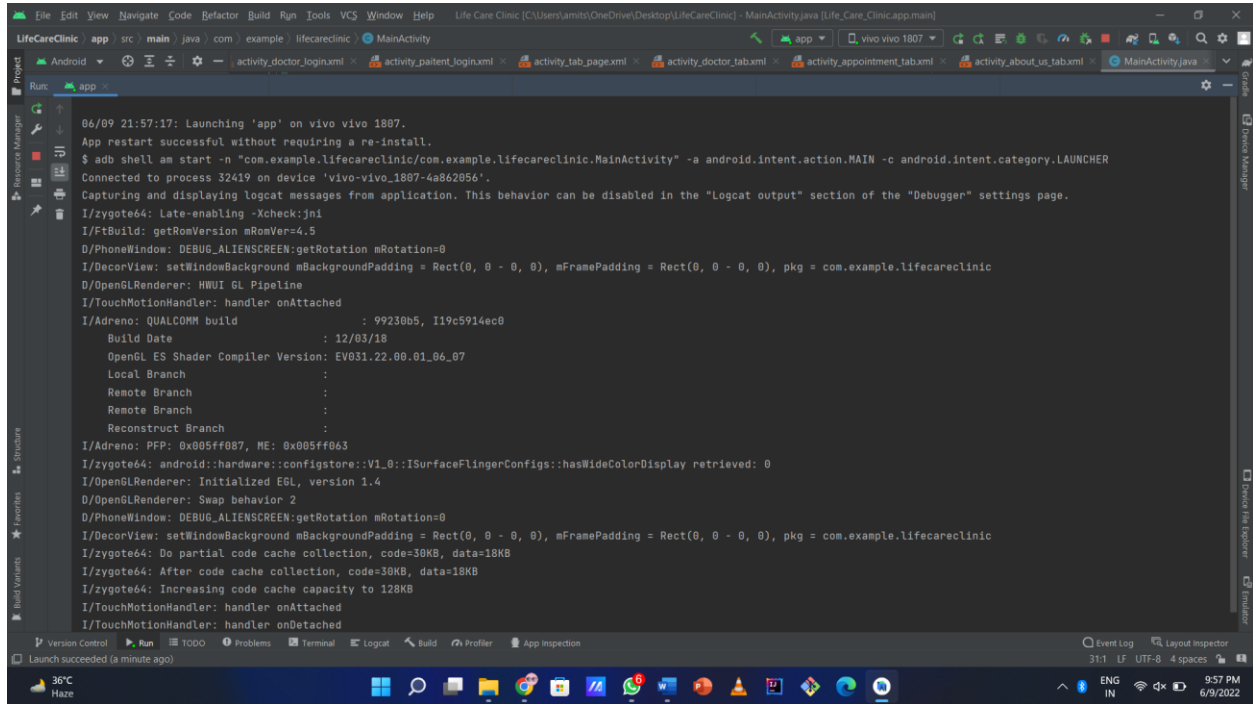
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"

```

```
xmlns:tools="http://schemas.android.com/tools"  
android:layout_width="match_parent"  
android:layout_height="match_parent"  
android:background="@drawable/aboutustab"  
tools:context=".AboutUsTab">
```

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

Testing



The screenshot displays the Android Studio IDE with the 'Run' tab selected. The console shows the following logcat output:

```
06/09 21:57:17: Launching 'app' on vivo vivo 1807.
App restart successful without requiring a re-install.
$ adb shell am start -n "com.example.lifecareclinic/com.example.lifecareclinic.MainActivity" -a android.intent.action.MAIN -c android.intent.category.LAUNCHER
Connected to process 32419 on device 'vivo-vivo_1807-4a862856'.
Capturing and displaying logcat messages from application. This behavior can be disabled in the "Logcat output" section of the "Debugger" settings page.
I/zygote64: Late-enabling -Xcheck:jni
I/FtBuild: getRomVersion mRomVer=4.5
D/PhoneWindow: DEBUG_ALIENSCREEN:getRotation mRotation=0
I/DecorView: setWindowBackground mBackgroundPadding = Rect(0, 0 - 0, 0), mFramePadding = Rect(0, 0 - 0, 0), pkg = com.example.lifecareclinic
D/OpenGLRenderer: HWUI GL Pipeline
I/TouchMotionHandler: handler onAttached
I/Adreno: QUALCOMM build : 99230b5, I19c5914ec0
Build Date : 12/03/18
OpenGL ES Shader Compiler Version: EV031.22.00.01_06_07
Local Branch :
Remote Branch :
Remote Branch :
Reconstruct Branch :
I/Adreno: PFP: 0x005ff087, ME: 0x005ff063
I/zygote64: android:hardware:configstore::V1_0::ISurfaceFlingerConfigs::hasWideColorDisplay retrieved: 0
I/OpenGLRenderer: Initialized EGL, version 1.4
D/OpenGLRenderer: Swap behavior 2
D/PhoneWindow: DEBUG_ALIENSCREEN:getRotation mRotation=0
I/DecorView: setWindowBackground mBackgroundPadding = Rect(0, 0 - 0, 0), mFramePadding = Rect(0, 0 - 0, 0), pkg = com.example.lifecareclinic
I/zygote64: Do partial code cache collection, code=30KB, data=18KB
I/zygote64: After code cache collection, code=30KB, data=18KB
I/zygote64: Increasing code cache capacity to 128KB
I/TouchMotionHandler: handler onAttached
I/TouchMotionHandler: handler onDetached
```

The bottom status bar indicates the launch was successful, the system temperature is 36°C, and the time is 9:57 PM on 6/9/2022.