LCM – LATE COMER MONITORING APP

***Submitted by 7TH BATCH***

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**SOURCE FILE AND JAVA CODE**

SPLASH PAGE:

<?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="#FFFFFF"

tools:context=".MainActivity">

<View

android:id="@+id/view3"

android:layout\_width="match\_parent"

android:layout\_height="400dp"

android:background="#2196F3"

android:backgroundTintMode="screen"

app:layout\_constraintTop\_toTopOf="parent"

tools:layout\_editor\_absoluteX="-30dp" />

<ImageView

android:id="@+id/imageView"

android:layout\_width="match\_parent"

android:layout\_height="200dp"

android:scaleType="centerCrop"

android:src="@drawable/ic\_wave\_\_2\_\_png"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.0"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/view3"

app:layout\_constraintVertical\_bias="0.0" />

<pl.droidsonroids.gif.GifImageView

android:id="@+id/gifImageView"

android:layout\_width="395dp"

android:layout\_height="356dp"

android:src="@drawable/boy\_chasing\_bus"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.262"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.1" />

<TextView

android:id="@+id/textView"

android:layout\_width="99dp"

android:layout\_height="47dp"

android:background="#F8FFFFFF"

android:text="LCM"

android:textColor="@color/black"

android:textColorHighlight="#0E0707"

android:textColorLink="#050303"

android:textCursorDrawable="@android:drawable/alert\_dark\_frame"

android:textSize="34sp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.22"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.786" />

<TextView

android:id="@+id/textView2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Late Comer Monitor"

android:textColor="@color/black"

android:textColorHighlight="@color/black"

android:textCursorDrawable="@android:drawable/alert\_dark\_frame"

android:textSize="16sp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.289"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.842" />

<Button

android:id="@+id/button2"

android:layout\_width="60dp"

android:layout\_height="49dp"

android:background="@drawable/edittext\_background"

android:text="Go"

android:textAlignment="center"

android:textStyle="bold"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.795"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/gifImageView"

app:layout\_constraintVertical\_bias="0.78" />

</androidx.constraintlayout.widget.ConstraintLayout>

JAVA CODE:

package com.example.latecomer

import android.content.Intent

import androidx.appcompat.app.AppCompatActivity

import android.os.Bundle

import android.widget.Button

class MainActivity : AppCompatActivity() {

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

setContentView(R.layout.activity\_main)

val button2=findViewById<Button>(R.id.button2)

button2.setOnClickListener {

val intent = Intent(this, SignIn::class.java)

startActivity(intent)

}

}

}

LOGIN

<?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/cardview\_light\_background"

tools:context=".SignIn">

<EditText

android:id="@+id/passET"

android:layout\_width="321dp"

android:layout\_height="44dp"

android:layout\_marginStart="64dp"

android:layout\_marginTop="16dp"

android:layout\_marginEnd="64dp"

android:background="@drawable/edittext\_background"

android:ems="10"

android:hint="password"

android:inputType="textPersonName"

android:textAlignment="center"

android:textColor="@color/black"

android:textColorHint="#F3434547"

android:textSize="14dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.369"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/EmailSt"

app:layout\_constraintVertical\_bias="0.0"

tools:ignore="HardcodedText,TouchTargetSizeCheck" />

<ImageView

android:id="@+id/imageView3"

android:layout\_width="0dp"

android:layout\_height="161dp"

android:scaleType="centerCrop"

android:src="@drawable/ic\_wave\_\_13\_"

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="1.0" />

<ImageView

android:id="@+id/imageView2"

android:layout\_width="410dp"

android:layout\_height="287dp"

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"

app:srcCompat="@drawable/late" />

<TextView

android:id="@+id/textView3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Login - LCM"

android:textColor="@color/black"

android:textCursorDrawable="@android:drawable/alert\_dark\_frame"

android:textSize="34sp"

android:textStyle="bold|italic"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.233"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.443" />

<EditText

android:id="@+id/EmailSt"

android:layout\_width="307dp"

android:layout\_height="47dp"

android:layout\_marginStart="64dp"

android:layout\_marginTop="16dp"

android:layout\_marginEnd="64dp"

android:background="@drawable/edittext\_background"

android:ems="10"

android:hint="Username"

android:inputType="textEmailAddress"

android:textAlignment="center"

android:textColor="@color/black"

android:textColorHint="#F2494741"

android:textSize="14dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.373"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.526"

tools:ignore="TouchTargetSizeCheck" />

<Button

android:id="@+id/button"

android:layout\_width="317dp"

android:layout\_height="53dp"

android:layout\_marginStart="64dp"

android:layout\_marginTop="16dp"

android:layout\_marginEnd="64dp"

android:background="@drawable/buttonback"

android:backgroundTint="#FFC107"

android:text="Login"

android:textColorLink="#FFC107"

android:textSize="16dp"

android:textStyle="bold"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.375"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.708" />

<TextView

android:layout\_width="wrap\_content"

android:id="@+id/forgot"

android:layout\_height="wrap\_content"

android:layout\_marginTop="8dp"

android:text="Forgot\_Password?"

android:textColor="#0C0C0C"

android:textStyle="bold"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.723"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.771" />

<ImageView

android:id="@+id/imageView4"

android:layout\_width="57dp"

android:layout\_height="51dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="@+id/imageView3"

app:srcCompat="@drawable/facebook" />

<ImageView

android:id="@+id/imageView5"

android:layout\_width="72dp"

android:layout\_height="55dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.262"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="@+id/imageView3"

app:layout\_constraintVertical\_bias="0.528"

app:srcCompat="@drawable/twitter" />

<ImageView

android:id="@+id/imageView6"

android:layout\_width="59dp"

android:layout\_height="54dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="@+id/imageView3"

app:layout\_constraintHorizontal\_bias="0.715"

app:layout\_constraintStart\_toStartOf="@+id/imageView3"

app:layout\_constraintTop\_toTopOf="@+id/imageView3"

app:layout\_constraintVertical\_bias="0.495"

app:srcCompat="@drawable/google" />

<TextView

android:id="@+id/textView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Sign\_up"

android:textStyle="bold"

android:textColor="#0C0C0C"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.252"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.773" />

</androidx.constraintlayout.widget.ConstraintLayout>

JAVA CODE:

package com.example.latecomer

import android.content.Intent

import android.os.Bundle

import android.widget.EditText

import android.widget.Toast

import androidx.appcompat.app.AppCompatActivity

import com.example.latecomer.databinding.SignInBinding

import com.google.firebase.auth.FirebaseAuth

class SignIn: AppCompatActivity() {

private lateinit var binding: SignInBinding

private lateinit var firebaseAuth: FirebaseAuth

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

binding = SignInBinding.inflate(layoutInflater)

setContentView(binding.root)

val signInEmail : EditText = findViewById(R.id.EmailSt)

val signInPassword : EditText = findViewById(R.id.passET)

firebaseAuth = FirebaseAuth.getInstance()

binding.textView.setOnClickListener {

val intent = Intent(this, SignUp::class.java)

startActivity(intent)

}

binding.button.setOnClickListener {

val email = binding.EmailSt.text.toString()

val pass = binding.passET.text.toString()

if (email.isEmpty() && pass.isEmpty()) {

if (email.isEmpty()) {

signInEmail.error = "Enter Your Email Address"

}

if (pass.isEmpty()) {

signInPassword.error = "Enter Your Password"

}

}else if(email.isEmpty() || !email.contains("@klu.ac.in")) {

signInEmail.error = "Enter KLU Email"

Toast.makeText(this, "Enter KLU Email", Toast.LENGTH\_SHORT).show()

}else if(pass.length < 6) {

signInEmail.error = "Enter Your Password"

Toast.makeText(this, "Enter Your Password", Toast.LENGTH\_SHORT).show()

}else{

firebaseAuth.signInWithEmailAndPassword(email, pass).addOnCompleteListener {

if (it.isSuccessful) {

val intent = Intent(this, Home::class.java)

startActivity(intent)

} else {

Toast.makeText(this, it.exception.toString(), Toast.LENGTH\_SHORT).show()

}

}

}

}

}

override fun onStart() {

super.onStart()

if(firebaseAuth.currentUser != null){

}

}

}

SIGNUP :

<?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/yellow"

tools:context=".SignUp">

<EditText

android:id="@+id/email"

android:layout\_width="360dp"

android:layout\_height="58dp"

android:layout\_marginHorizontal="16dp"

android:layout\_marginTop="300dp"

android:ems="10"

android:inputType="textEmailAddress"

app:hintTextColor="@color/cardview\_light\_background"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.208"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.0" />

<EditText

android:id="@+id/pass"

android:layout\_width="371dp"

android:layout\_height="48dp"

android:ems="10"

android:inputType="textPassword"

app:hintTextColor="@color/cardview\_light\_background"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.4"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.638" />

<EditText

android:id="@+id/confirmPass"

android:layout\_width="364dp"

android:layout\_height="47dp"

android:ems="10"

android:inputType="textPassword"

app:hintTextColor="@color/cardview\_light\_background"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.51"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.729" />

<Button

android:id="@+id/button1"

android:layout\_width="383dp"

android:layout\_height="55dp"

android:text="SIGN UP"

app:hintTextColor="@color/cardview\_light\_background"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.343"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.823" />

<TextView

android:id="@+id/textView"

android:layout\_width="164dp"

android:layout\_height="38dp"

android:text="Already Registered,Sign In!"

app:hintTextColor="@color/cardview\_light\_background"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.401"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.976" />

<EditText

android:id="@+id/phone"

android:layout\_width="355dp"

android:layout\_height="50dp"

android:ems="10"

android:inputType="phone"

app:hintTextColor="@color/cardview\_light\_background"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.285"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.543" />

<EditText

android:id="@+id/name"

android:layout\_width="359dp"

android:layout\_height="61dp"

android:ems="10"

android:inputType="textPersonName"

android:text="Name"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.328"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.345" />

<TextView

android:id="@+id/signup"

android:layout\_width="189dp"

android:layout\_height="50dp"

android:text="SignUp"

app:hintTextColor="@color/cardview\_light\_background"

tools:ignore="MissingConstraints"

tools:layout\_editor\_absoluteX="182dp"

tools:layout\_editor\_absoluteY="157dp" />

</androidx.constraintlayout.widget.ConstraintLayout>

JAVA CODE:

package com.example.latecomer

import android.content.Intent

import android.os.Bundle

import android.widget.EditText

import android.widget.Toast

import androidx.appcompat.app.AppCompatActivity

import com.example.latecomer.databinding.SignUpBinding

import com.google.firebase.auth.FirebaseAuth

import com.google.firebase.database.FirebaseDatabase

class SignUp : AppCompatActivity() {

private lateinit var binding : SignUpBinding

private lateinit var firebaseAuth : FirebaseAuth

private lateinit var database : FirebaseDatabase

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

binding = SignUpBinding.inflate(layoutInflater)

setContentView(binding.root)

firebaseAuth = FirebaseAuth.getInstance()

database = FirebaseDatabase.getInstance()

val signUpName : EditText = findViewById(R.id.name)

val signUpPhone : EditText = findViewById(R.id.phone)

val signUpEmail : EditText = findViewById(R.id.email)

val signUpPassword : EditText = findViewById(R.id.pass)

val signUpConfirmPassword : EditText = findViewById(R.id.confirmPass)

binding.textView.setOnClickListener {

val intent = Intent(this, SignIn::class.java)

startActivity(intent)

}

binding.button1.setOnClickListener {

val name = binding.name.text.toString()

val email = binding.email.text.toString()

val phone = binding.phone.text.toString()

val pass = binding.pass.text.toString()

val confirmPass = binding.confirmPass.text.toString()

if (name.isEmpty() && phone.isEmpty() && email.isEmpty() && pass.isEmpty() && confirmPass.isEmpty()) {

if(name.isEmpty()){

signUpName.error = "Enter Your Name"

}

if(phone.isEmpty()){

signUpPhone.error = "Enter Your Phone Number"

}

if(email.isEmpty()){

signUpEmail.error = "Enter Your Email"

}

if(pass.isEmpty()){

signUpPassword.error = "Enter Your Password"

}

if(confirmPass.isEmpty()){

signUpConfirmPassword.error = "Re Enter Your Password"

}

Toast.makeText(this,"Enter Valid Details", Toast.LENGTH\_SHORT).show()

}else if(email.isEmpty() || !email.contains("@klu.ac.in")){

signUpEmail.error = "Enter KLU Email"

Toast.makeText(this,"Enter KLU Email", Toast.LENGTH\_SHORT).show()

}else if(phone.length != 10) {

signUpPhone.error = "Enter Valid Phone Number"

Toast.makeText(this, "Enter Valid Phone Number", Toast.LENGTH\_SHORT).show()

}else if(pass.length < 6){

signUpPassword.error = "password more than 6 characters"

Toast.makeText(this,"password more than 6 characters", Toast.LENGTH\_SHORT).show()

}else if(pass != confirmPass) {

signUpConfirmPassword.error = "password not matched, try again"

Toast.makeText(this, "password not matched, try again", Toast.LENGTH\_SHORT).show()

}else {

firebaseAuth.createUserWithEmailAndPassword(email, pass).addOnCompleteListener { it ->

if (it.isSuccessful) {

val databaseRef = database.reference.child("users").child(firebaseAuth.currentUser!!.uid)

val users = Users(name, phone, email, firebaseAuth.currentUser!!.uid)

databaseRef.setValue(users).addOnCompleteListener {

if(it.isSuccessful){

val intent = Intent(this, SignIn::class.java)

startActivity(intent)

}

}

} else {

Toast.makeText(this, it.exception.toString(), Toast.LENGTH\_SHORT).show()

}

}

}

}

}

}

HOME PAGE :

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

<androidx.drawerlayout.widget.DrawerLayout 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/drawer\_layout"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:background="#FFF"

android:fitsSystemWindows="true"

tools:openDrawer="start">

<include

android:id="@+id/app\_bar\_home"

layout="@layout/app\_bar\_home"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent" />

<com.google.android.material.navigation.NavigationView

android:id="@+id/nav\_view"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_gravity="start"

android:fitsSystemWindows="true"

app:headerLayout="@layout/nav\_header\_home"

app:menu="@menu/activity\_main\_drawer" />

</androidx.drawerlayout.widget.DrawerLayout>

JAVA CODE:

package com.example.latecomer;

import android.os.Bundle;

import android.view.View;

import android.view.Menu;

import com.google.android.material.snackbar.Snackbar;

import com.google.android.material.navigation.NavigationView;

import androidx.navigation.NavController;

import androidx.navigation.Navigation;

import androidx.navigation.ui.AppBarConfiguration;

import androidx.navigation.ui.NavigationUI;

import androidx.drawerlayout.widget.DrawerLayout;

import androidx.appcompat.app.AppCompatActivity;

import com.example.latecomer.databinding.ActivityHomeBinding;

public class Home extends AppCompatActivity {

private AppBarConfiguration mAppBarConfiguration;

private ActivityHomeBinding binding;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate( savedInstanceState );

binding = ActivityHomeBinding.inflate( getLayoutInflater() );

setContentView( binding.getRoot() );

setSupportActionBar( binding.appBarHome.toolbar );

binding.appBarHome.fab.setOnClickListener( new View.OnClickListener() {

@Override

public void onClick(View view) {

Snackbar.make( view, "Replace with your own action", Snackbar.LENGTH\_LONG )

.setAction( "Action", null ).show();

}

} );

DrawerLayout drawer = binding.drawerLayout;

NavigationView navigationView = binding.navView;

// Passing each menu ID as a set of Ids because each

// menu should be considered as top level destinations.

mAppBarConfiguration = new AppBarConfiguration.Builder(

R.id.nav\_home, R.id.nav\_gallery, R.id.nav\_slideshow )

.setOpenableLayout( drawer )

.build();

NavController navController = Navigation.findNavController( this, R.id.nav\_host\_fragment\_content\_home );

NavigationUI.setupActionBarWithNavController( this, navController, mAppBarConfiguration );

NavigationUI.setupWithNavController( navigationView, navController );

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate( R.menu.home, menu );

return true;

}

@Override

public boolean onSupportNavigateUp() {

NavController navController = Navigation.findNavController( this, R.id.nav\_host\_fragment\_content\_home );

return NavigationUI.navigateUp( navController, mAppBarConfiguration )

|| super.onSupportNavigateUp();

}

}

MESSAGE PAGE:

<?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:orientation="vertical"

tools:context=".MainActivity">

<!--on below line we are displaying a simple text view-->

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginStart="10dp"

android:layout\_marginTop="30dp"

android:layout\_marginEnd="10dp"

android:padding="10dp"

android:text="SMS Manager"

android:textAlignment="center"

android:textColor="@color/black"

android:textSize="20sp" />

<!--on below line we are creating a

simple edit text for phone number-->

<EditText

android:id="@+id/idEdtPhone"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginStart="10dp"

android:layout\_marginTop="20dp"

android:layout\_marginEnd="10dp"

android:hint="Enter phone number"

android:inputType="phone" />

<!--on below line we are creating a

message edit text for message-->

<EditText

android:id="@+id/idEdtMessage"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginStart="10dp"

android:layout\_marginTop="20dp"

android:layout\_marginEnd="10dp"

android:hint="Enter Message" />

<!--on below line we are creating

a button for sending message-->

<Button

android:id="@+id/idBtnSendMessage"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginStart="10dp"

android:layout\_marginTop="20dp"

android:layout\_marginEnd="10dp"

android:padding="5dp"

android:text="Send Message"

android:textAllCaps="false" />

</LinearLayout>

JAVA CODE:

package com.example.message

import android.os.Bundle

import android.telephony.SmsManager

import android.widget.Button

import android.widget.EditText

import android.widget.Toast

import androidx.appcompat.app.AppCompatActivity

class MainActivity : AppCompatActivity() {

// on below line we are creating variable

// for edit text phone and message and button

lateinit var phoneEdt: EditText

lateinit var messageEdt: EditText

lateinit var sendMsgBtn: Button

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

setContentView(R.layout.activity\_main)

phoneEdt = findViewById(R.id.idEdtPhone)

messageEdt = findViewById(R.id.idEdtMessage)

sendMsgBtn = findViewById(R.id.idBtnSendMessage)

sendMsgBtn.setOnClickListener {

val phoneNumber = phoneEdt.text.toString()

val message = messageEdt.text.toString()

try {

val smsManager:SmsManager

if (Build.VERSION.SDK\_INT>=23) {

//if SDK is greater that or equal to 23 then

//this is how we will initialize the SmsManager

smsManager = this.getSystemService(SmsManager::class.java)

}

else{

smsManager = SmsManager.getDefault()

}

smsManager.sendTextMessage(phoneNumber, null, message, null, null)

Toast.makeText(applicationContext, "Message Sent", Toast.LENGTH\_LONG).show()

} catch (e: Exception) {

Toast.makeText(applicationContext, "Please enter all the data.."+e.message.toString(), Toast.LENGTH\_LONG)

.show()

}

}

}

}

REPORT PAGE:

<?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="#FFFFFF"

tools:context=".ui.slideshow.SlideshowFragment">

<androidx.recyclerview.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:id="@+id/recyclerview"/>

</androidx.constraintlayout.widget.ConstraintLayout>

JAVA CODE:

package com.example.latecomer.ui.slideshow;

import android.os.Bundle;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

import androidx.recyclerview.widget.LinearLayoutManager;

import androidx.recyclerview.widget.RecyclerView;

import android.database.Cursor;

import android.os.Bundle;

import android.widget.Toast;

import java.util.ArrayList;

import androidx.annotation.NonNull;

import androidx.appcompat.app.AppCompatActivity;

import androidx.fragment.app.Fragment;

import androidx.lifecycle.ViewModelProvider;

import com.example.latecomer.R;

import com.example.latecomer.databinding.FragmentSlideshowBinding;

public class SlideshowFragment extends Fragment {

private FragmentSlideshowBinding binding;

public View onCreateView(@NonNull LayoutInflater inflater,

ViewGroup container, Bundle savedInstanceState) {

SlideshowViewModel slideshowViewModel =

new ViewModelProvider( this ).get( SlideshowViewModel.class );

binding = FragmentSlideshowBinding.inflate( inflater, container, false );

View root = binding.getRoot();

final RecyclerView textView = binding.recyclerview;

return root;

}

@Override

public void onDestroyView() {

super.onDestroyView();

binding = null;

}

public class userlist extends AppCompatActivity {

RecyclerView recyclerView;

ArrayList<String> name,reason,form;

databasehelper db;

myadapter adapter;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.fragment\_gallery);

db=new databasehelper(this);

name=new ArrayList<>();

reason=new ArrayList<>();

form=new ArrayList<>();

recyclerView=findViewById( R.id.recyclerview);

adapter=new myadapter(this,name,reason,form);

recyclerView.setAdapter(adapter);

recyclerView.setLayoutManager(new LinearLayoutManager(this));

displaydata();

}

private void displaydata() {

Cursor cursor=db.getdata();

if (cursor.getCount()==0){

Toast.makeText(userlist.this,"NO ENTRY EXISTS",Toast.LENGTH\_SHORT).show();

return;

}else{

while (cursor.moveToNext()){

name.add(cursor.getString(0));

reason.add(cursor.getString(1));

form.add(cursor.getString(2));

}

}

}

}

}