<?xml version="1.0" encoding="utf-8"?>  
<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
  
  
 <uses-feature  
 android:name="android.hardware.camera"  
 android:required="false" />  
  
 <uses-permission android:name="android.permission.INTERNET" />  
 <uses-permission android:name="android.permission.READ\_EXTERNAL\_STORAGE"  
 android:maxSdkVersion="32" />  
 <uses-permission android:name="android.permission.WRITE\_EXTERNAL\_STORAGE"  
 android:maxSdkVersion="32" />  
 <uses-permission android:name="android.permission.ACCESS\_WIFI\_STATE" />  
 <uses-permission android:name="android.permission.ACCESS\_NETWORK\_STATE" />  
 <uses-permission android:name="android.permission.CAMERA" />  
 <uses-permission android:name="com.google.android.c2dm.permission.RECEIVE" />  
 <uses-permission android:name="com.google.android.c2dm.permission.SEND"/>  
  
  
 <supports-screens android:resizeable="true"  
 android:anyDensity="true"  
 android:largeScreens="true"  
 android:normalScreens="true"  
 android:smallScreens="true"  
 android:xlargeScreens="true">  
 </supports-screens>  
  
  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.MyApplication.NoActionBar"  
 tools:targetApi="31">  
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 android:name=".View.MainActivity"  
 android:exported="true"/>  
  
 <activity  
 android:name=".Auth\_Controller.SignUp"  
 android:theme="@style/Theme.MyApplication.NoActionBar" />  
  
 <activity  
 android:name=".Auth\_Controller.LoginActivity"  
 android:theme="@style/Theme.MyApplication.NoActionBar"/>  
 <activity  
 android:name=".Splash\_Activity.SplashActivity"  
 android:exported="true"  
 android:theme="@style/Theme.MyApplication.NoActionBar">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
  
  
 <activity  
 android:name=".Auth\_Controller.ResetPasswordActivity"  
 android:theme="@style/Theme.MyApplication.NoActionBar" />  
 <activity  
 android:name=".Attempt\_Quiz\_Section.AttemptTest"  
 android:theme="@style/Theme.MyApplication.NoActionBar" />  
 <activity  
 android:name=".Attempt\_Quiz\_Section.Tests"  
 android:label="@string/title\_activity\_tests"  
 android:theme="@style/Theme.MyApplication.NoActionBar" />  
 <activity  
 android:name=".View.AddDetails"  
 android:label="@string/title\_activity\_UPdate"  
 android:theme="@style/Theme.MyApplication.NoActionBar"/>  
 <activity  
 android:name=".Results\_section.ResultsAdmin"  
 android:label="Results:ADMIN"  
 android:theme="@style/Theme.MyApplication.NoActionBar" />  
 <activity  
 android:name=".Results\_section.ResultsAdminDetailed"  
 android:theme="@style/Theme.MyApplication.NoActionBar" />  
 <activity  
 android:name=".View.AboutUsActivity"  
 android:label="About Us!">  
 </activity>  
  
 <activity  
 android:name=".Splash\_Activity.SplashAnimation"  
 android:theme="@style/Theme.MyApplication.NoActionBar"/>  
  
 <activity android:name=".Splash\_Activity.Splash\_create\_quiz"  
 android:theme="@style/Theme.MyApplication.NoActionBar"/>  
  
 <activity  
 android:name=".Create\_Quiz.create\_quiz\_main"  
 android:theme="@style/Theme.MyApplication.NoActionBar">  
 </activity>  
  
 <activity  
 android:name=".Create\_Quiz.Custom\_quiz"  
 android:theme="@style/Theme.AppCompat.NoActionBar">  
 </activity>  
  
 <activity  
 android:name=".Chat\_Section.Chat\_Handler"  
 android:label="Chat"  
 android:theme="@style/Theme.MyApplication.NoActionBar">  
 </activity>  
  
  
 <service  
 android:name=".NotificationActivity.MyFirebaseInstanceIDService"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="com.google.firebase.INSTANCE\_ID\_EVENT" />  
 </intent-filter>  
 </service>  
  
 <service  
 android:name=".NotificationActivity.MyFirebaseMessagingService"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="com.google.firebase.MESSAGING\_EVENT" />  
 <action android:name="com.google.android.c2dm.intent.RECEIVE" />  
 </intent-filter>  
 </service>  
  
 <service android:name=".NotificationActivity.NotificationService" />  
  
 <activity android:name=".Results\_section.GetDetailReport"  
 android:label="Detailed Report"  
 android:theme="@style/Theme.MyApplication.NoActionBar">  
 </activity>  
  
 </application>  
  
</manifest>

package com.example.myapplication.Attempt\_Quiz\_Section;  
  
import android.app.Activity;  
import android.app.AlertDialog;  
import android.content.Context;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.graphics.Point;  
import android.os.Bundle;  
import android.os.CountDownTimer;  
import androidx.annotation.ColorInt;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.PagerSnapHelper;  
import androidx.recyclerview.widget.RecyclerView;  
import androidx.recyclerview.widget.SnapHelper;  
import android.util.Log;  
import android.view.LayoutInflater;  
import android.view.Menu;  
import android.view.MenuItem;  
import android.view.View;  
import android.view.ViewGroup;  
import android.view.animation.TranslateAnimation;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.BaseAdapter;  
import android.widget.Button;  
import android.widget.GridView;  
import android.widget.LinearLayout;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
import android.widget.TextView;  
  
import com.example.myapplication.NotificationActivity.NotificationService;  
import com.example.myapplication.R;  
import com.example.myapplication.Model.Question;  
import com.example.myapplication.Model.Test;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
  
import java.util.ArrayList;  
import java.util.concurrent.TimeUnit;  
  
import es.dmoral.toasty.Toasty;  
  
public class AttemptTest extends AppCompatActivity {  
 ArrayList<Question> questions;  
 String []answers;  
 Toolbar toolbar;  
 RecyclerView scrollView;  
 LinearLayout indexLayout;  
 GridView quesGrid;  
 ArrayList<String> list;  
 ArrayList<String> arrayList;  
 int flag\_controller = 1;  
 long timer;  
 popGridAdapter popGrid;  
 Button next, prev;  
 TextView textView;  
 private DatabaseReference mDatabase;  
 private FirebaseAuth auth;  
 private String TESTNAME;  
 private RadioGroup group;  
 private int countPaused = 0;  
  
 @Override  
 protected void onCreate(@Nullable Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 mDatabase = FirebaseDatabase.*getInstance*().getReference();  
 auth = FirebaseAuth.*getInstance*();  
 setContentView(R.layout.*activity\_attempt*);  
 questions = ((Test) getIntent().getExtras().get("Questions")).getQuestions();  
 TESTNAME = (String) getIntent().getExtras().get("TESTNAME");  
 toolbar = findViewById(R.id.*toolbar*);  
 toolbar.setTitleTextColor(getResources().getColor(android.R.color.*black*));  
 answers = new String[questions.size()];  
 setSupportActionBar(toolbar);  
 toolbar.setTitleTextColor(getResources().getColor(android.R.color.*black*));  
 scrollView = findViewById(R.id.*discrete*);  
 scrollView.setLayoutManager(new LinearLayoutManager(this, LinearLayoutManager.*HORIZONTAL*, false));  
 SnapHelper snapHelper = new PagerSnapHelper();  
 snapHelper.attachToRecyclerView(scrollView);  
 final QuestionAdapter questionAdapter = new QuestionAdapter(questions);  
 scrollView.setAdapter(questionAdapter);  
  
 next = findViewById(R.id.*next*);  
 next.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 if (scrollView.getChildAdapterPosition(scrollView.getChildAt(0)) == questions.size() - 1) {  
 showPopUp();  
 } else {  
 scrollView.smoothScrollToPosition(scrollView.getChildAdapterPosition(scrollView.getChildAt(0)) + 1);  
 }  
 }  
 });  
  
 prev = findViewById(R.id.*prev*);  
 prev.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 if (scrollView.getChildAdapterPosition(scrollView.getChildAt(0)) != 0) {  
 scrollView.smoothScrollToPosition(scrollView.getChildAdapterPosition(scrollView.getChildAt(0)) - 1);  
 }  
 }  
 });  
  
 setNextPrevButton(scrollView.getChildAdapterPosition(scrollView.getChildAt(0)));  
 indexLayout = findViewById(R.id.*index\_layout*);  
 indexLayout.setAlpha(.5f);  
 quesGrid = findViewById(R.id.*pop\_grid*);  
 popGrid = new popGridAdapter(AttemptTest.this);  
 quesGrid.setAdapter(popGrid);  
 quesGrid.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {  
 scrollView.smoothScrollToPosition(i + 1);  
 slideUp(indexLayout);  
 }  
 });  
 scrollView.addOnScrollListener(new RecyclerView.OnScrollListener() {  
 @Override  
 public void onScrolled(RecyclerView recyclerView, int dx, int dy) {  
 super.onScrolled(recyclerView, dx, dy);  
 setNextPrevButton(scrollView.getChildAdapterPosition(scrollView.getChildAt(0)));  
 }  
 });  
  
 timer = ((Test) getIntent().getExtras().get("Questions")).getTime() \* 60 \* 1000;  
 }  
  
 void showPopUp() {  
 AlertDialog.Builder builder = new AlertDialog.Builder(AttemptTest.this);  
 builder.setMessage("Do you want to submit?");  
 builder.setPositiveButton("Yes", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 submit();  
 dialogStart();  
 }  
 });  
  
 builder.setNegativeButton("No", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 dialogInterface.cancel();  
 }  
 });  
 builder.show();  
 }  
  
 /\*submit result to database\*\*/  
 void submit() {  
 flag\_controller = 0;  
 int score = 0;  
 list = new ArrayList<>();  
 arrayList = new ArrayList<>();  
 for (int i = 0; i < answers.length; i++) {  
 if (answers[i] != null && answers[i].equals(questions.get(i).getAnswer())) {  
 score++;  
 }  
 String temp = (answers[i] != null) ? answers[i] + ")" : "null) ";  
  
 list.add("Your choice (" +  
 temp +  
 "Right choice is(" + questions.get(i).getAnswer() + ")");  
 arrayList.add(questions.get(i).getQuestion());  
 }  
  
 try {  
 mDatabase.child("Results").child(((Test) getIntent().getExtras().get("Questions")).getName())  
 .child(auth.getUid()).setValue(score);  
 } catch (Exception e) {  
 Log.*e*("Result Update Failed ", e.getMessage());  
 }  
 }  
  
 void dialogStart() {  
  
 final AlertDialog.Builder builderSingle = new AlertDialog.Builder(AttemptTest.this);  
 builderSingle.setIcon(R.mipmap.*ic\_launcher\_round*);  
 builderSingle.setTitle(TESTNAME + " Answers");  
 final ArrayAdapter<String> arrayAdapter = new ArrayAdapter<>  
 (AttemptTest.this, android.R.layout.*select\_dialog\_singlechoice*);  
 final ArrayAdapter<String> arrayAdapter1 = new ArrayAdapter<>  
 (AttemptTest.this, android.R.layout.*select\_dialog\_singlechoice*);  
  
 for (String y : arrayList) {  
 arrayAdapter1.add(y);  
 }  
 for (String x : list) {  
 arrayAdapter.add(x);  
 }  
  
 builderSingle.setCancelable(false);  
 builderSingle.setNegativeButton("Done!", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 finish();  
 dialog.dismiss();  
 }  
 });  
  
 builderSingle.setAdapter(arrayAdapter1, new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 String strName = arrayAdapter.getItem(which);  
 AlertDialog.Builder builderInner = new AlertDialog.Builder(AttemptTest.this);  
 builderInner.setMessage(strName);  
 builderInner.setCancelable(false);  
 builderInner.setTitle("Your Selected Question Answer is");  
 builderInner.setPositiveButton("Ok", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 builderSingle.show();  
 }  
 });  
 builderInner.show();  
 }  
 });  
 builderSingle.show();  
 }  
  
 @Override  
 protected void onPause() {  
 super.onPause();  
 if (countPaused <= 2 && countPaused >= 0 && flag\_controller == 1)  
 startService(new Intent(AttemptTest.this,  
 NotificationService.class));  
 countPaused++;  
 }  
  
 @Override  
 protected void onResume() {  
 super.onResume();  
 stopService(new Intent(AttemptTest.this, NotificationService.class));  
 if (countPaused > 2) {  
 Toasty.*success*(AttemptTest.this, "Thank you! Your response has been submitted.",  
 Toasty.*LENGTH\_SHORT*).show();  
 countPaused = -1000;  
 submit();  
 dialogStart();  
 }  
 }  
  
 @Override  
 protected void onRestart() {  
 super.onRestart();  
 stopService(new Intent(AttemptTest.this, NotificationService.class));  
 }  
  
 void setNextPrevButton(int pos) {  
 if (pos == 0) {  
 prev.setText("");  
 } else {  
 prev.setText("Previous");  
 }  
 if (pos == questions.size() - 1) {  
 next.setText("Submit");  
 } else {  
 next.setText("Next");  
 }  
 }  
  
 @Override  
 public void onBackPressed() {  
 showPopUp();  
 }  
  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
  
 super.onCreateOptionsMenu(menu);  
  
 getMenuInflater().inflate(R.menu.*attempt\_menu*, menu);  
 final MenuItem counter = menu.findItem(R.id.*counter*);  
  
 new CountDownTimer(timer, 1000) {  
 public void onTick(long millisUntilFinished) {  
 long millis = millisUntilFinished;  
 long hr = TimeUnit.*MILLISECONDS*.toHours(millis), mn = (TimeUnit.*MILLISECONDS*.toMinutes(millis) -  
 TimeUnit.*HOURS*.toMinutes(TimeUnit.*MILLISECONDS*.toHours(millis))),  
 sc = TimeUnit.*MILLISECONDS*.toSeconds(millis) -  
 TimeUnit.*MINUTES*.toSeconds(TimeUnit.*MILLISECONDS*.toMinutes(millis));  
  
 String hms = format(hr) + ":" + format(mn) + ":" + format(sc);  
 counter.setTitle(hms);  
 timer = millis;  
 }  
  
 String format(long n) {  
 if (n < 10)  
 return "0" + n;  
 else return "" + n;  
 }  
  
 public void onFinish() {  
 submit();  
 dialogStart();  
 }  
 }.start();  
  
 return true;  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 int id = item.getItemId();  
 if (id == R.id.*submit*) {  
 showPopUp();  
  
 return true;  
 } else if (id == R.id.*info*) {  
 togglePopUp();  
 }  
 return super.onOptionsItemSelected(item);  
 }  
  
 void togglePopUp() {  
 if (indexLayout.getVisibility() == View.*GONE*) {  
 slideDown(indexLayout);  
 } else slideUp(indexLayout);  
 }  
  
 class QuestionAdapter extends RecyclerView.Adapter<QuestionAdapter.ViewHolder> {  
  
 private int itemHeight;  
 private ArrayList<Question> data;  
  
 QuestionAdapter(ArrayList<Question> data) {  
 this.data = data;  
 }  
  
 @Override  
 public void onAttachedToRecyclerView(RecyclerView recyclerView) {  
 super.onAttachedToRecyclerView(recyclerView);  
 Activity context = (Activity) recyclerView.getContext();  
 Point windowDimensions = new Point();  
 context.getWindowManager().getDefaultDisplay().getSize(windowDimensions);  
 itemHeight = Math.*round*(windowDimensions.y \* 0.6f);  
 }  
  
 @Override  
 public ViewHolder onCreateViewHolder(ViewGroup parent, int viewType) {  
 LayoutInflater inflater = LayoutInflater.*from*(parent.getContext());  
 View v = inflater.inflate(R.layout.*frag\_test*, parent, false);  
 ViewGroup.LayoutParams params = new ViewGroup.LayoutParams(  
 ViewGroup.LayoutParams.*MATCH\_PARENT*,  
 itemHeight);  
 v.setLayoutParams(params);  
 return new ViewHolder(v);  
 }  
  
 @Override  
 public void onBindViewHolder(final ViewHolder holder, final int position) {  
 holder.questionText.setText(data.get(position).getQuestion());  
 holder.r1.setText(data.get(position).getOpt\_A());  
 holder.r2.setText(data.get(position).getOpt\_B());  
 holder.r3.setText(data.get(position).getOpt\_C());  
 holder.r4.setText(data.get(position).getOpt\_D());  
 holder.r5.setText("Clear Selected");  
  
 holder.radioGroup.setOnCheckedChangeListener(new RadioGroup.OnCheckedChangeListener() {  
 @Override  
 public void onCheckedChanged(RadioGroup radioGroup, int i) {  
 final int selectedId = holder.radioGroup.getCheckedRadioButtonId();  
 int adapterPosition = holder.getAdapterPosition();  
 if (adapterPosition != RecyclerView.*NO\_POSITION*) {  
 if (i == R.id.*radioButton*) {  
 answers[adapterPosition] = "A";  
 } else if (i == R.id.*radioButton2*) {  
 answers[adapterPosition] = "B";  
 } else if (i == R.id.*radioButton3*) {  
 answers[adapterPosition] = "C";  
 } else if (i == R.id.*radioButton4*) {  
 answers[adapterPosition] = "D";  
 } else if (i == R.id.*radioButton5*) {  
 holder.radioGroup.clearCheck();  
 answers[adapterPosition] = null;  
 }  
 popGrid.notifyDataSetChanged();  
 }  
 }  
 });  
  
 if (answers[position] == null) {  
 holder.radioGroup.clearCheck();  
 } else if (answers[position].equals("A")) {  
 holder.radioGroup.check(R.id.*radioButton*);  
 } else if (answers[position].equals("B")) {  
 holder.radioGroup.check(R.id.*radioButton2*);  
 } else if (answers[position].equals("C")) {  
 holder.radioGroup.check(R.id.*radioButton3*);  
 } else if (answers[position].equals("D")) {  
 holder.radioGroup.check(R.id.*radioButton4*);  
 }  
 }  
  
 @Override  
 public int getItemCount() {  
 return data.size();  
 }  
  
 class ViewHolder extends RecyclerView.ViewHolder {  
  
 private View overlay;  
 private TextView questionText;  
 private RadioGroup radioGroup;  
 private RadioButton r1, r2, r3, r4, r5;  
  
 ViewHolder(View itemView) {  
 super(itemView);  
 questionText = itemView.findViewById(R.id.*questionTextView*);  
 radioGroup = itemView.findViewById(R.id.*radioGroup*);  
 r1 = itemView.findViewById(R.id.*radioButton*);  
 r2 = itemView.findViewById(R.id.*radioButton2*);  
 r3 = itemView.findViewById(R.id.*radioButton3*);  
 r4 = itemView.findViewById(R.id.*radioButton4*);  
 r5 = itemView.findViewById(R.id.*radioButton5*);  
 }  
  
 public void setOverlayColor(@ColorInt int color) {  
 overlay.setBackgroundColor(color);  
 }  
  
 public void unCheck() {  
  
 int selectedId = radioGroup.getCheckedRadioButtonId();  
 if (radioGroup.getCheckedRadioButtonId() == R.id.*radioButton*) {  
 r1.setChecked(true);  
 } else if (radioGroup.getCheckedRadioButtonId() == R.id.*radioButton2*) {  
 r2.setChecked(true);  
 } else if (radioGroup.getCheckedRadioButtonId() == R.id.*radioButton3*) {  
 r3.setChecked(true);  
 } else if (radioGroup.getCheckedRadioButtonId() == R.id.*radioButton4*) {  
 r4.setChecked(true);  
 } else if (radioGroup.getCheckedRadioButtonId() == R.id.*radioButton5*) {  
 r5.setChecked(true);  
 }  
 }  
 }  
 }  
  
 class popGridAdapter extends BaseAdapter {  
 Context mContext;  
  
 popGridAdapter(Context context) {  
 mContext = context;  
 }  
  
 @Override  
 public Object getItem(int i) {  
 return null;  
 }  
  
 @Override  
 public long getItemId(int i) {  
 return i;  
 }  
  
 @Override  
 public int getCount() {  
 return questions.size();  
 }  
  
 @Override  
 public View getView(final int i, View view, ViewGroup viewGroup) {  
 View convertView;  
 if (view == null) {  
 convertView = new Button(mContext);  
 } else convertView = view;  
 if (answers[i] == null)  
 (convertView).setBackgroundColor(getResources().getColor(android.R.color.*darker\_gray*));  
 else  
 (convertView).setBackgroundColor(getResources().getColor(android.R.color.*holo\_green\_dark*));  
  
 ((Button) convertView).setText("" + (i + 1));  
  
 (convertView).setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 scrollView.smoothScrollToPosition(i);  
 }  
 });  
 return convertView;  
 }  
 }  
  
 public void slideUp(View view) {  
 TranslateAnimation animate = new TranslateAnimation(  
 0, // fromXDelta  
 0, // toXDelta  
 0, // fromYDelta  
 -view.getHeight()); // toYDelta  
 animate.setDuration(500);  
 view.startAnimation(animate);  
 view.setVisibility(View.*GONE*);  
 }  
  
 // slide the view from its current position to below itself  
 public void slideDown(View view) {  
 view.setVisibility(View.*VISIBLE*);  
 TranslateAnimation animate = new TranslateAnimation(  
 0, // fromXDelta  
 0, // toXDelta  
 -view.getHeight(), // fromYDelta  
 0); // toYDelta  
 animate.setDuration(500);  
 view.startAnimation(animate);  
 }  
  
 @Override  
 protected void onDestroy() {  
 submit();  
 super.onDestroy();  
 }  
}

package com.example.myapplication.Attempt\_Quiz\_Section;  
  
import android.annotation.SuppressLint;  
import android.content.Context;  
import android.content.Intent;  
import android.os.Bundle;  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
import androidx.core.content.ContextCompat;  
  
import android.util.Log;  
import android.view.LayoutInflater;  
import android.view.MenuItem;  
import android.view.View;  
import android.view.ViewGroup;  
import android.view.animation.Animation;  
import android.view.animation.AnimationUtils;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.Filterable;  
import android.widget.ImageView;  
import android.widget.ListView;  
import android.widget.ProgressBar;  
import android.widget.TextView;  
import com.example.myapplication.NotificationActivity.NotificationService;  
import com.example.myapplication.R;  
import com.example.myapplication.Model.Question;  
import com.example.myapplication.Model.Test;  
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;  
import java.util.Objects;  
  
public class Tests extends AppCompatActivity {  
 private FirebaseDatabase database;  
 private DatabaseReference myRef;  
 private ProgressBar progressBar;  
 private ListView listView;  
 private TestAdapter testAdapter;  
 private int lastPos = -1;  
  
 ArrayList<Test> tests = new ArrayList<>();  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_tests*);  
  
 // Update layout file to use ProgressBar instead of AVLoadingIndicatorView  
 Toolbar toolbar = findViewById(R.id.*toolbar*);  
 toolbar.setTitleTextColor(getResources().getColor(android.R.color.*black*));  
 setSupportActionBar(toolbar);  
  
 progressBar = findViewById(R.id.*loader1*);  
 progressBar.setVisibility(View.*VISIBLE*);  
  
 setSupportActionBar(toolbar);  
 Objects.*requireNonNull*(getSupportActionBar())  
 .setDisplayHomeAsUpEnabled(true);  
  
 database = FirebaseDatabase.*getInstance*();  
 myRef = database.getReference();  
  
 listView = findViewById(R.id.*test\_listview*);  
 testAdapter = new TestAdapter(Tests.this, tests);  
 listView.setAdapter(testAdapter);  
  
 getQues();  
 }  
  
 @Override  
 protected void onRestart() {  
 super.onRestart();  
 stopService(new Intent(Tests.this, NotificationService.class));  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 int id = item.getItemId();  
 if (id == android.R.id.*home*) {  
 finish();  
 }  
 return super.onOptionsItemSelected(item);  
 }  
  
 public void getQues() {  
 myRef.child("tests").addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 tests.clear();  
 for (DataSnapshot snapshot : dataSnapshot.getChildren()) {  
 Test t = new Test();  
 t.setName(snapshot.getKey());  
 t.setTime(Long.*parseLong*(snapshot.child("Time").getValue().toString()));  
  
 ArrayList<Question> ques = new ArrayList<>();  
 for (DataSnapshot qSnap : snapshot.child("Questions").getChildren()) {  
 ques.add(qSnap.getValue(Question.class));  
 }  
 t.setQuestions(ques);  
 tests.add(t);  
 }  
  
 testAdapter.dataList = tests;  
 testAdapter.notifyDataSetChanged();  
 progressBar.setVisibility(View.*GONE*);  
  
 Log.*e*("The read success: ", "su" + tests.size());  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
 progressBar.setVisibility(View.*GONE*);  
 Log.*e*("The read failed: ", databaseError.getMessage());  
 }  
 });  
 }  
  
 class TestAdapter extends ArrayAdapter<Test> implements Filterable {  
 private Context mContext;  
 ArrayList<Test> dataList;  
  
 public TestAdapter(Context context, ArrayList<Test> list) {  
 super(context, 0, list);  
 mContext = context;  
 dataList = list;  
 }  
  
 @SuppressLint("SetTextI18n")  
 @NonNull  
 @Override  
 public View getView(final int position, @Nullable View convertView, @NonNull ViewGroup parent) {  
 View listItem = convertView;  
 if (listItem == null)  
 listItem = LayoutInflater.*from*(mContext).inflate(R.layout.*test\_item*, parent, false);  
  
 ((ImageView) listItem.findViewById(R.id.*item\_imageView*))  
 .setImageDrawable(ContextCompat.*getDrawable*(mContext, R.drawable.*ic\_appicon*));  
  
 ((TextView) listItem.findViewById(R.id.*item\_textView*))  
 .setText(dataList.get(position).getName() + " : " + dataList.get(position).getTime() + "Min");  
  
 ((Button) listItem.findViewById(R.id.*item\_button*)).setText("Attempt");  
  
 listItem.findViewById(R.id.*item\_button*).setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(mContext, AttemptTest.class);  
 intent.putExtra("Questions", dataList.get(position));  
 intent.putExtra("TESTNAME", dataList.get(position).getName());  
 startActivity(intent);  
 }  
 });  
  
 Animation animation = AnimationUtils.*loadAnimation*(getContext(),  
 (position > lastPos) ? R.anim.*up\_from\_bottom* : R.anim.*down\_from\_top*);  
 listItem.startAnimation(animation);  
 lastPos = position;  
  
 return listItem;  
 }  
 }  
}

package com.example.myapplication.Auth\_Controller;  
  
import android.content.Intent;  
import android.os.Bundle;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
import android.text.TextUtils;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.ProgressBar;  
import android.widget.Toast;  
import com.example.myapplication.View.MainActivity;  
import com.example.myapplication.R;  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.auth.FirebaseAuth;  
  
public class LoginActivity extends AppCompatActivity {  
 private EditText inputEmail, inputPassword;  
 private FirebaseAuth auth;  
 private ProgressBar progressBar;  
 private Button btnSignup, btnLogin, btnReset;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 auth = FirebaseAuth.getInstance();  
 if (auth.getCurrentUser() != null) {  
 Intent intent = new Intent(LoginActivity.this, MainActivity.class);  
 startActivity(intent);  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 finish();  
 }  
 setContentView(R.layout.activity\_login);  
  
 Toolbar toolbar = findViewById(R.id.toolbar);  
 setSupportActionBar(toolbar);  
 inputEmail = findViewById(R.id.email);  
 inputPassword = findViewById(R.id.password);  
 progressBar = findViewById(R.id.loader1);  
 btnSignup = findViewById(R.id.btn\_signup);  
 btnLogin = findViewById(R.id.btn\_login);  
 btnReset = findViewById(R.id.btn\_reset\_password);  
  
 auth = FirebaseAuth.getInstance();  
  
 btnSignup.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(LoginActivity.this, SignUp.class));  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 }  
 });  
  
 btnReset.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(LoginActivity.this, ResetPasswordActivity.class));  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 }  
 });  
  
 btnLogin.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String email = inputEmail.getText().toString();  
 final String password = inputPassword.getText().toString();  
  
 if (TextUtils.*isEmpty*(email)) {  
 Toast.*makeText*(getApplicationContext(), "Enter email address!", Toast.*LENGTH\_SHORT*).show();  
 return;  
 }  
  
 if (TextUtils.*isEmpty*(password)) {  
 Toast.*makeText*(getApplicationContext(), "Enter password!", Toast.*LENGTH\_SHORT*).show();  
 return;  
 }  
  
 progressBar.setVisibility(View.*VISIBLE*);  
  
 auth.signInWithEmailAndPassword(email, password)  
 .addOnCompleteListener(LoginActivity.this, new OnCompleteListener<AuthResult>() {  
 @Override  
 public void onComplete(@NonNull Task<AuthResult> task) {  
 progressBar.setVisibility(View.*GONE*);  
 if (!task.isSuccessful()) {  
 if (password.length() < 6) {  
 inputPassword.setError(getString(R.string.*minimum\_password*));  
 } else {  
 Toast.*makeText*(LoginActivity.this, getString(R.string.*auth\_failed*), Toast.*LENGTH\_LONG*).show();  
 }  
 } else {  
 startActivity(new Intent(LoginActivity.this, MainActivity.class));  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 finish();  
 }  
 }  
 });  
 }  
 });  
 }  
}

package com.example.myapplication.Auth\_Controller;  
  
import android.os.Bundle;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import android.text.TextUtils;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.ProgressBar;  
import android.widget.Toast;  
import com.example.myapplication.R;  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.FirebaseAuth;  
  
public class ResetPasswordActivity extends AppCompatActivity {  
 private EditText inputEmail;  
 private Button btnReset, btnBack;  
 private FirebaseAuth auth;  
 private ProgressBar progressBar;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_reset\_password*);  
 inputEmail = findViewById(R.id.*email*);  
 btnReset = findViewById(R.id.*btn\_reset\_password*);  
 btnBack = findViewById(R.id.*btn\_back*);  
 progressBar = findViewById(R.id.*progressBar*);  
 auth = FirebaseAuth.*getInstance*();  
  
 btnBack.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 finish();  
 }  
 });  
  
 btnReset.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String email = inputEmail.getText().toString().trim();  
 if (TextUtils.*isEmpty*(email)) {  
 Toast.*makeText*(getApplicationContext(), "Enter your registered email id", Toast.*LENGTH\_SHORT*).show();  
 return;  
 }  
  
 progressBar.setVisibility(View.*VISIBLE*);  
  
 auth.sendPasswordResetEmail(email)  
 .addOnCompleteListener(new OnCompleteListener<Void>() {  
 @Override  
 public void onComplete(@NonNull Task<Void> task) {  
 progressBar.setVisibility(View.*GONE*);  
 if (task.isSuccessful()) {  
 Toast.*makeText*(ResetPasswordActivity.this, "We have sent you instructions to reset your password!", Toast.*LENGTH\_SHORT*).show();  
 } else {  
 Toast.*makeText*(ResetPasswordActivity.this, "Failed to send reset email!", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 }  
 });  
 }  
}

package com.example.myapplication.Auth\_Controller;  
  
import android.content.Intent;  
import android.os.Bundle;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import android.text.TextUtils;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.ProgressBar;  
import android.widget.Toast;  
import com.example.myapplication.R;  
import com.example.myapplication.View.MainActivity;  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.auth.FirebaseAuth;  
  
public class SignUp extends AppCompatActivity {  
 private EditText inputEmail, inputPassword;  
 private Button btnSignIn, btnSignUp, btnResetPassword;  
 private ProgressBar progressBar;  
 private FirebaseAuth auth;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_signup*);  
  
 auth = FirebaseAuth.*getInstance*();  
  
 btnSignIn = findViewById(R.id.sign\_in\_button);  
 btnSignUp = findViewById(R.id.sign\_up\_button);  
 inputEmail = findViewById(R.id.email);  
 inputPassword = findViewById(R.id.password);  
 progressBar = findViewById(R.id.loader1);  
 btnResetPassword = findViewById(R.id.btn\_reset\_password);  
  
 btnResetPassword.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(SignUp.this, ResetPasswordActivity.class));  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 }  
 });  
  
 btnSignIn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 finish();  
 }  
 });  
  
 btnSignUp.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String email = inputEmail.getText().toString().trim();  
 String password = inputPassword.getText().toString().trim();  
  
 if (TextUtils.isEmpty(email)) {  
 inputEmail.setError("Enter valid Email");  
 return;  
 }  
  
 if (TextUtils.isEmpty(password)) {  
 inputPassword.setError("Password should be at least 6 characters!");  
 return;  
 }  
  
 if (password.length() < 6) {  
 Toast.makeText(getApplicationContext(), "Password too short, enter minimum 6 characters!", Toast.LENGTH\_SHORT).show();  
 return;  
 }  
  
 progressBar.setVisibility(View.VISIBLE);  
  
 auth.createUserWithEmailAndPassword(email, password)  
 .addOnCompleteListener(SignUp.this, new OnCompleteListener<AuthResult>() {  
 @Override  
 public void onComplete(@NonNull Task<AuthResult> task) {  
 progressBar.setVisibility(View.GONE);  
 if (!task.isSuccessful()) {  
 Toast.makeText(SignUp.this, "Authentication failed." + task.getException(), Toast.LENGTH\_SHORT).show();  
 } else {  
 Toast.makeText(SignUp.this, "Registration successful!", Toast.LENGTH\_SHORT).show();  
 startActivity(new Intent(SignUp.this, MainActivity.class));  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 finish();  
 }  
 }  
 });  
 }  
 });  
 }  
  
 @Override  
 protected void onResume() {  
 super.onResume();  
 progressBar.setVisibility(View.GONE);  
 }  
}

package com.example.myapplication.Chat\_Section;  
  
import android.os.Bundle;  
import android.view.MenuItem;  
import android.view.View;  
import android.widget.EditText;  
import android.widget.ImageButton;  
import android.widget.ListView;  
  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
  
import com.example.myapplication.R;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.database.ChildEventListener;  
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.StorageReference;  
  
import org.jetbrains.annotations.NotNull;  
  
import java.text.DateFormat;  
import java.util.Date;  
import java.util.Objects;  
  
public class Chat\_Handler extends AppCompatActivity {  
  
  
 private ListView listView;  
 private EditText message;  
 private String username;  
 private DatabaseReference reference;  
 private DatabaseReference database1;  
 private ChatAdapter chatAdapter;  
 private StorageReference firebaseStorage;  
 private boolean isAdmin = false;  
  
  
 @Override  
 protected void onCreate(@Nullable Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*layout\_chat*);  
 isAdmin = getIntent().getBooleanExtra("ChatAdmin",false);  
 listView = findViewById(R.id.*list*);  
 message = findViewById(R.id.*message*);  
 username = "Anonymous";  
 ImageButton send = findViewById(R.id.*send\_message*);  
 Toolbar toolbar = findViewById(R.id.*toolChat*);  
 toolbar.setTitleTextColor(getResources().getColor(android.R.color.*black*));  
 setSupportActionBar(toolbar);  
 Objects.*requireNonNull*(getSupportActionBar()).setDisplayHomeAsUpEnabled(true);  
  
 chatAdapter = new ChatAdapter(this, R.id.*list*);  
 listView.setAdapter(chatAdapter);  
 FirebaseAuth auth = FirebaseAuth.*getInstance*();  
 database1 = FirebaseDatabase.*getInstance*().getReference();  
 FirebaseDatabase database = FirebaseDatabase.*getInstance*();  
 reference = database.getReference("chat");  
  
 database1.child("users").child(Objects.*requireNonNull*(auth.getUid()))  
 .addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 username = dataSnapshot.child("name").getValue(String.class);  
 if(isAdmin)  
 username = "Admin";  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
 reference.addChildEventListener(new ChildEventListener() {  
 @Override  
 public void onChildAdded(@NotNull DataSnapshot dataSnapshot, String s) {  
 ChatMessage msg = dataSnapshot.getValue(ChatMessage.class);  
 chatAdapter.add(msg);  
 scrollToBottom();  
 }  
  
 public void onChildChanged(@NotNull DataSnapshot dataSnapshot, String s) {}  
 public void onChildRemoved(@NotNull DataSnapshot dataSnapshot) {}  
 public void onChildMoved(@NotNull DataSnapshot dataSnapshot, String s) {}  
 public void onCancelled(@NotNull DatabaseError databaseError) {}  
 });  
  
 final String user\_id = "gs://myquiz12.appspot.com/" + auth.getUid();  
  
 send.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String currentDateTimeString = DateFormat.*getDateTimeInstance*().format(new Date());  
 ChatMessage msg = new ChatMessage(username, message.getText().toString().trim(),  
 currentDateTimeString,user\_id);  
 reference.push().setValue(msg);  
 message.setText("");  
 scrollToBottom();  
 }  
 });  
  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
  
 if(item.getItemId() == android.R.id.*home*) {  
 finish();  
 }  
 return super.onOptionsItemSelected(item);  
 }  
  
 private void scrollToBottom() {  
 listView.post(new Runnable() {  
 @Override  
 public void run() {  
 listView.setSelection(chatAdapter.getCount() - 1);  
 }  
 });  
 }  
}

package com.example.myapplication.Chat\_Section;  
  
import android.app.Activity;  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.ArrayAdapter;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
  
import com.example.myapplication.R;  
  
class ChatAdapter extends ArrayAdapter<ChatMessage> {  
  
 ChatAdapter(Context context, int resource) {  
 super(context, resource);  
 }  
  
 @NonNull  
 @Override  
 public View getView(int position, View convertView, @NonNull ViewGroup parent) {  
 final ViewHolder viewHolder;  
  
 if (convertView == null) {  
 LayoutInflater inflater = ((Activity) getContext()).getLayoutInflater();  
 convertView = inflater.inflate(R.layout.*list\_chat\_item*, parent, false);  
 viewHolder = new ViewHolder();  
 viewHolder.circleImageView = convertView.findViewById(R.id.*userChatImage*);  
 viewHolder.username = convertView.findViewById(R.id.*list\_item\_username*);  
 viewHolder.message = convertView.findViewById(R.id.*list\_item\_message*);  
 viewHolder.text\_time = convertView.findViewById(R.id.*text\_message\_time*);  
 convertView.setTag(viewHolder);  
 } else {  
 viewHolder = (ViewHolder) convertView.getTag();  
 }  
  
 ChatMessage item = getItem(position);  
 viewHolder.circleImageView.setImageResource(R.drawable.*speaking*);  
 viewHolder.username.setText(item.getUsername());  
 viewHolder.message.setText(item.getMessage());  
 viewHolder.text\_time.setText(item.getComment\_time());  
 return convertView;  
 }  
  
 private static class ViewHolder {  
 TextView username;  
 TextView message;  
 ImageView circleImageView;  
 TextView text\_time;  
 }  
}

package com.example.myapplication.Chat\_Section;  
  
public class ChatMessage {  
 private String username;  
 private String message;  
 private String comment\_time;  
 private String user\_image\_path;  
  
 public ChatMessage(String username, String message, String comment\_time, String user\_image\_path) {  
 this.username = username;  
 this.message = message;  
 this.comment\_time = comment\_time;  
 this.user\_image\_path = user\_image\_path;  
 }  
  
 public ChatMessage() {  
 }  
  
 public String getUsername() {  
 return username;  
 }  
  
 public String getMessage() {  
 return message;  
 }  
  
 public String getComment\_time() {  
 return comment\_time;  
 }  
  
 public String getUser\_image\_path() {  
 return user\_image\_path;  
 }  
}

package com.example.myapplication.Create\_Quiz;  
  
import android.content.Intent;  
import android.os.Bundle;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
import android.view.MenuItem;  
import android.view.View;  
import com.example.myapplication.R;  
import com.example.myapplication.Splash\_Activity.Splash\_create\_quiz;  
import com.google.android.material.floatingactionbutton.FloatingActionButton;  
import java.util.Objects;  
  
public class create\_quiz\_main extends AppCompatActivity {  
 private FloatingActionButton fab1;  
 private Toolbar toolbar;  
  
 @Override  
 protected void onCreate(@Nullable Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*content\_main\_1*);  
 toolbar = findViewById(R.id.*toolbartst*);  
 toolbar.setTitleTextColor(getResources().getColor(android.R.color.*black*));  
 setSupportActionBar(toolbar);  
 Objects.*requireNonNull*(getSupportActionBar()).setDisplayHomeAsUpEnabled(true);  
 fab1 = findViewById(R.id.*fab*);  
 fab1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(create\_quiz\_main.this, Splash\_create\_quiz.class));  
 finish();  
 }  
 });  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 if (item.getItemId() == android.R.id.*home*) {  
 finish();  
 }  
 return super.onOptionsItemSelected(item);  
 }  
}

package com.example.myapplication.Create\_Quiz;  
  
import android.content.DialogInterface;  
import android.os.Bundle;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.cardview.widget.CardView;  
  
import android.text.TextUtils;  
import android.util.Log;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.example.myapplication.R;  
import com.example.myapplication.Model.Question;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.gson.Gson;  
  
import org.json.JSONArray;  
import org.json.JSONException;  
import org.json.JSONObject;  
import java.util.ArrayList;  
import java.util.Map;  
  
import es.dmoral.toasty.Toasty;  
  
public class Custom\_quiz extends AppCompatActivity {  
  
 EditText question;  
 EditText aText;  
 EditText bText;  
 EditText cText;  
 EditText dText;  
 RadioButton aRadio;  
 RadioButton bRadio;  
 RadioButton cRadio;  
 RadioButton dRadio;  
  
 int currentQuestion = 1;  
 int previousQuestion = 1;  
 TextView questionNumber;  
  
 ArrayList<Question> ques;  
 JSONArray jsonArray;  
 String selectedOption = "";  
  
 Button save\_button;  
 AlertDialog alertDialog;  
 private View dialogvView;  
 String fileName = "file";  
 private FirebaseDatabase database;  
 private FirebaseAuth auth;  
 private DatabaseReference myRef;  
 CardView fab,f2,fl;  
  
 @Override  
 protected void onCreate(@Nullable Bundle savedInstanceState) {  
  
 super.onCreate(savedInstanceState);  
 jsonArray = new JSONArray();  
 setContentView(R.layout.*activity\_create\_quiz*);  
 question = findViewById(R.id.*questionView*);  
 question = findViewById(R.id.*questionView*);  
 aText = findViewById(R.id.*aText*);  
 bText = findViewById(R.id.*bText*);  
 cText = findViewById(R.id.*cText*);  
 dText = findViewById(R.id.*dText*);  
 questionNumber = findViewById(R.id.*questionNumber*);  
 aRadio = findViewById(R.id.*aRadio*);  
  
 bRadio = findViewById(R.id.*bRadio*);  
 cRadio = findViewById(R.id.*cRadio*);  
 dRadio = findViewById(R.id.*dRadio*);  
 auth = FirebaseAuth.*getInstance*();  
 database= FirebaseDatabase.*getInstance*();  
 myRef=database.getReference();  
 selectedOption = "";  
 currentQuestion = 1;  
 setListeners();  
  
 ques = new ArrayList<>();  
  
 alertDialog = new AlertDialog.Builder(this).create();  
 LayoutInflater inflater = this.getLayoutInflater();  
 dialogvView = inflater.inflate(R.layout.*dialog\_custom*,null);  
  
  
  
 fab = findViewById(R.id.*nextfab*);  
 fl = findViewById(R.id.*fab2*);//save button  
 f2 = findViewById(R.id.*pre\_card*);  
  
 f2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 if(previousQuestion>1) {  
 previousQuestion--;  
 setAllData(previousQuestion);  
 }  
 if(previousQuestion==1)  
 f2.setVisibility(View.*INVISIBLE*);  
 //Question question1 = new Question();  
 Toast.*makeText*(Custom\_quiz.this, String.*valueOf*(previousQuestion), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
  
 fab.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 if(previousQuestion!=currentQuestion) {  
 previousQuestion++;  
 if(previousQuestion!=currentQuestion)  
 setAllData(previousQuestion);  
 else {  
 clearAllData();  
 questionNumber.setText(String.*valueOf*(currentQuestion));  
 }  
 if(previousQuestion>1)  
 f2.setVisibility(View.*VISIBLE*);  
 }  
 boolean cont = getEnteredQuestionsValue();  
 if (cont)  
 {  
 previousQuestion++;  
 currentQuestion++;  
 Toast.*makeText*(Custom\_quiz.this, "QUESTION " + currentQuestion, Toast.*LENGTH\_SHORT*).show();  
 questionNumber.setText(String.*valueOf*(currentQuestion));  
 clearAllData();  
 f2.setVisibility(View.*VISIBLE*);  
 }  
 }  
 });  
  
 fl.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if(jsonArray.length()!=0)  
 {  
 final JSONObject tempObject = new JSONObject();  
 // get dialog\_custom.xml view  
 LayoutInflater li = LayoutInflater.*from*(Custom\_quiz.this);  
 View promptsView = li.inflate(R.layout.*dialog\_custom*, null);  
 AlertDialog.Builder alertDialogBuilder = new AlertDialog.Builder(  
 Custom\_quiz.this);  
  
 // set dialog\_custom.xml to alertdialog builder  
 alertDialogBuilder.setView(promptsView);  
 final EditText userInput = promptsView  
 .findViewById(R.id.*editTextDialogUserInput*);  
 final EditText userTime = promptsView.findViewById(R.id.*editTextDialogUserInput1*);  
  
 // set dialog message  
 alertDialogBuilder  
 .setCancelable(false)  
 .setPositiveButton("OK",  
 new DialogInterface.OnClickListener() {  
 public void onClick(DialogInterface dialog,int id) {  
  
 final String str = userTime.getText().toString();  
 String temp2 = str;  
 //// Log.d("TIMEON",userTime.getText().toString().trim());  
 try {  
 tempObject.put("Questions",jsonArray);  
 final String TIME = userTime.getText().toString().trim();  
 tempObject.put("Time",Integer.*parseInt*(temp2));  
 } catch (JSONException e) {  
 e.printStackTrace();  
 }  
 final String jsonStr = tempObject.toString();  
 // get user input and set it to result  
 // edit text  
 if (str != null ) {  
 Toast.*makeText*(getApplicationContext()  
 , str, Toast.*LENGTH\_LONG*).show();  
// result.setText(userInput.getText());  
 Map<String, Object> result = new Gson().fromJson(jsonStr, Map.class);  
 fileName = userInput.getText().toString().trim();  
 if (!TextUtils.*isEmpty*(fileName))  
 myRef.child("tests").child(fileName).setValue(result);  
 }  
 }  
 })  
 .setNegativeButton("Cancel",  
 new DialogInterface.OnClickListener() {  
 public void onClick(DialogInterface dialog,int id) {  
 dialog.cancel();  
 }  
 });  
 // create alert dialog  
 AlertDialog alertDialog = alertDialogBuilder.create();  
 // show it  
 alertDialog.show();  
 }  
 else  
 {  
 Toasty.*error*(getApplicationContext(),  
 "Incomplete Question format", Toasty.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
  
 }  
  
 @Override  
 public void onBackPressed() {  
 super.onBackPressed();  
 final AlertDialog.Builder builder = new AlertDialog.Builder(Custom\_quiz.this);  
 builder.setMessage("Exit without saving?");  
 builder.setPositiveButton("Ok", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 finish();  
 }  
 }).setNegativeButton("Cancel", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 dialog.cancel();  
 }  
 });  
 builder.show();  
 }  
  
 public void updateData(int position) {  
 Question question1 = new Question();  
 question1 = ques.get(position-1);  
 }  
  
 public void setAllData(int position) {  
 clearAllData();  
 Question question1 = new Question();  
 question1 = ques.get(position-1);  
 questionNumber.setText(String.*valueOf*(question1.getId()));  
 question.setText(question1.getQuestion());  
 aText.setText(question1.getOpt\_A());  
 bText.setText(question1.getOpt\_B());  
 cText.setText(question1.getOpt\_C());  
 dText.setText(question1.getOpt\_D());  
 switch (question1.getAnswer()){  
 case "A":  
 aRadio.setChecked(true);  
 break;  
 case "B":  
 bRadio.setChecked(true);  
 break;  
 case "C":  
 cRadio.setChecked(true);  
 break;  
 case "D":  
 dRadio.setChecked(true);  
 break;  
 }  
 }  
  
 private void clearAllData() {  
  
 aRadio.setChecked(false);  
 bRadio.setChecked(false);  
 cRadio.setChecked(false);  
 dRadio.setChecked(false);  
 aText.setText(null);  
 bText.setText(null);  
 cText.setText(null);  
 dText.setText(null);  
 question.setText(null);  
 selectedOption = "";  
 }  
  
 private boolean getEnteredQuestionsValue() {  
  
 boolean cont = false;  
 if (TextUtils.*isEmpty*(question.getText().toString().trim())) {  
 question.setError("Please fill in a question");  
 }  
 else if (TextUtils.*isEmpty*(aText.getText().toString().trim())) {  
 aText.setError("Please fill in option A");  
 }  
 else if (TextUtils.*isEmpty*(bText.getText().toString().trim())) {  
 bText.setError("Please fill in option B");  
 }  
 else if (TextUtils.*isEmpty*(cText.getText().toString().trim())) {  
 cText.setError("Please fill in option C");  
 }  
 else if (TextUtils.*isEmpty*(dText.getText().toString().trim())) {  
 dText.setError("Please fill in option D");  
 }  
 else if (selectedOption.equals("")) {  
 Toast.*makeText*(this, "Please select the correct answer", Toast.*LENGTH\_SHORT*).show();  
 }  
 else {  
 Question quest = new Question();  
 quest.setId(currentQuestion);  
 quest.setQuestion(question.getText().toString());  
 quest.setOpt\_A(aText.getText().toString());  
 quest.setOpt\_B(bText.getText().toString());  
 quest.setOpt\_C(cText.getText().toString());  
 quest.setOpt\_D(dText.getText().toString());  
 quest.setAnswer(selectedOption);  
 ques.add(quest);  
 cont = true;  
  
 JSONObject jsonObject = new JSONObject();  
 try {  
 jsonObject.put("answer",selectedOption);  
 jsonObject.put("opt\_A",aText.getText().toString().trim());  
 jsonObject.put("opt\_B",bText.getText().toString().trim());  
 jsonObject.put("opt\_C",cText.getText().toString().trim());  
 jsonObject.put("opt\_D",dText.getText().toString().trim());  
 jsonObject.put("question",question.getText().toString().trim());  
  
 } catch (JSONException e) {  
 e.printStackTrace();  
 }  
  
 jsonArray.put(jsonObject);  
 }  
 return cont;  
 }  
  
 private void setListeners() {  
 aRadio.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 selectedOption = "A";  
 bRadio.setChecked(false);  
 cRadio.setChecked(false);  
 dRadio.setChecked(false);  
 }  
 });  
 bRadio.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 selectedOption = "B";  
 aRadio.setChecked(false);  
 cRadio.setChecked(false);  
 dRadio.setChecked(false);  
 }  
 });  
 cRadio.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 selectedOption = "C";  
 bRadio.setChecked(false);  
 aRadio.setChecked(false);  
 dRadio.setChecked(false);  
 }  
 });  
 dRadio.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 selectedOption = "D";  
 bRadio.setChecked(false);  
 cRadio.setChecked(false);  
 aRadio.setChecked(false);  
 }  
 });  
  
 }  
}

package com.example.myapplication.Misc\_Section;  
  
import android.content.Context;  
import android.graphics.Bitmap;  
import android.graphics.drawable.Drawable;  
import android.widget.ImageView;  
  
import androidx.core.graphics.drawable.RoundedBitmapDrawable;  
import androidx.core.graphics.drawable.RoundedBitmapDrawableFactory;  
  
import com.bumptech.glide.Glide;  
import com.bumptech.glide.load.engine.DiskCacheStrategy;  
import com.bumptech.glide.request.RequestListener;  
import com.bumptech.glide.request.RequestOptions;  
import com.bumptech.glide.request.target.BitmapImageViewTarget;  
  
  
public class ImageUtils {  
  
 // Prevent instantiation  
 private ImageUtils() {  
  
 }  
  
 */\*\*  
 \* Crops image into a circle that fits within the ImageView.  
 \*/* public static void displayRoundImageFromUrl(final Context context, final String url, final ImageView imageView) {  
 RequestOptions myOptions = new RequestOptions()  
 .centerCrop()  
 .dontAnimate();  
  
 Glide.*with*(context)  
 .asBitmap()  
 .apply(myOptions)  
 .load(url)  
 .diskCacheStrategy(DiskCacheStrategy.*DATA*)  
 .into(new BitmapImageViewTarget(imageView) {  
 @Override  
 protected void setResource(Bitmap resource) {  
 RoundedBitmapDrawable circularBitmapDrawable =  
 RoundedBitmapDrawableFactory.*create*(context.getResources(), resource);  
 circularBitmapDrawable.setCircular(true);  
 imageView.setImageDrawable(circularBitmapDrawable);  
 }  
 });  
 }  
  
 public static void displayImageFromUrl(final Context context, final String url,  
 final ImageView imageView) {  
 *displayImageFromUrl*(context, url, imageView, null, null);  
 }  
  
 public static void displayImageFromUrl(final Context context, final String url,  
 final ImageView imageView, Drawable placeholderDrawable) {  
 *displayImageFromUrl*(context, url, imageView, placeholderDrawable, null);  
 }  
  
 */\*\*  
 \* Displays an image from a URL in an ImageView.  
 \*/* public static void displayImageFromUrl(final Context context, final String url,  
 final ImageView imageView, Drawable placeholderDrawable, RequestListener listener) {  
 RequestOptions myOptions = new RequestOptions()  
 .dontAnimate()  
 .diskCacheStrategy(DiskCacheStrategy.*AUTOMATIC*)  
 .placeholder(placeholderDrawable);  
  
 if (listener != null) {  
 Glide.*with*(context)  
 .load(url)  
 .apply(myOptions)  
 .listener(listener)  
 .into(imageView);  
 } else {  
 Glide.*with*(context)  
 .load(url)  
 .apply(myOptions)  
 .listener(listener)  
 .into(imageView);  
 }  
 }  
  
 public static void displayRoundImageFromUrlWithoutCache(final Context context, final String url,  
 final ImageView imageView) {  
 *displayRoundImageFromUrlWithoutCache*(context, url, imageView, null);  
 }  
  
 public static void displayRoundImageFromUrlWithoutCache(final Context context, final String url,  
 final ImageView imageView, RequestListener listener) {  
 RequestOptions myOptions = new RequestOptions()  
 .centerCrop()  
 .dontAnimate()  
 .diskCacheStrategy(DiskCacheStrategy.*NONE*)  
 .skipMemoryCache(true);  
  
 if (listener != null) {  
 Glide.*with*(context)  
 .asBitmap()  
 .load(url)  
 .apply(myOptions)  
 .listener(listener)  
 .into(new BitmapImageViewTarget(imageView) {  
 @Override  
 protected void setResource(Bitmap resource) {  
 RoundedBitmapDrawable circularBitmapDrawable = RoundedBitmapDrawableFactory.*create*(context.getResources(), resource);  
 circularBitmapDrawable.setCircular(true);  
 imageView.setImageDrawable(circularBitmapDrawable);  
 }  
 });  
 } else {  
 Glide.*with*(context)  
 .asBitmap()  
 .load(url)  
 .apply(myOptions)  
 .into(new BitmapImageViewTarget(imageView) {  
 @Override  
 protected void setResource(Bitmap resource) {  
 RoundedBitmapDrawable circularBitmapDrawable = RoundedBitmapDrawableFactory.*create*(context.getResources(), resource);  
 circularBitmapDrawable.setCircular(true);  
 imageView.setImageDrawable(circularBitmapDrawable);  
 }  
 });  
 }  
 }  
  
 */\*\*  
 \* Displays an image from a URL in an ImageView.  
 \* If the image is loading or nonexistent, displays the specified placeholder image instead.  
 \*/* public static void displayImageFromUrlWithPlaceHolder(final Context context, final String url,  
 final ImageView imageView,  
 int placeholderResId) {  
 RequestOptions myOptions = new RequestOptions()  
 .dontAnimate()  
 .diskCacheStrategy(DiskCacheStrategy.*AUTOMATIC*)  
 .placeholder(placeholderResId);  
  
 Glide.*with*(context)  
 .load(url)  
 .apply(myOptions)  
 .into(imageView);  
 }  
  
 */\*\*  
 \* Displays an image from a URL in an ImageView.  
 \*/* public static void displayGifImageFromUrl(Context context, String url, ImageView imageView, Drawable placeholderDrawable, RequestListener listener) {  
 RequestOptions myOptions = new RequestOptions()  
 .dontAnimate()  
 .diskCacheStrategy(DiskCacheStrategy.*AUTOMATIC*)  
 .placeholder(placeholderDrawable);  
  
 if (listener != null) {  
 Glide.with(context)  
 .asGif()  
 .load(url)  
 .apply(myOptions)  
 .listener(listener)  
 .into(imageView);  
 } else {  
 Glide.with(context)  
 .asGif()  
 .load(url)  
 .apply(myOptions)  
 .into(imageView);  
 }  
 }  
  
 public static void displayGifImageFromUrl(Context context, String url, ImageView imageView, String thumbnailUrl) {  
 displayGifImageFromUrl(context, url, imageView, thumbnailUrl, null);  
 }  
  
 */\*\*  
 \* Displays an GIF image from a URL in an ImageView.  
 \*/* public static void displayGifImageFromUrl(Context context, String url, ImageView imageView, String thumbnailUrl, Drawable placeholderDrawable) {  
 RequestOptions myOptions = new RequestOptions()  
 .dontAnimate()  
 .diskCacheStrategy(DiskCacheStrategy.AUTOMATIC)  
 .placeholder(placeholderDrawable);  
  
 if (thumbnailUrl != null) {  
 Glide.with(context)  
 .asGif()  
 .load(url)  
 .apply(myOptions)  
 .thumbnail(Glide.with(context).asGif().load(thumbnailUrl))  
 .into(imageView);  
 } else {  
 Glide.with(context)  
 .asGif()  
 .load(url)  
 .apply(myOptions)  
 .into(imageView);  
 }  
 }  
}

package com.example.myapplication.Model;  
import java.io.Serializable;  
  
public class Question implements Serializable{  
  
 private int id;  
 private String question;  
 private String opt\_A;  
 private String opt\_B;  
 private String opt\_C;  
 private String opt\_D;  
 private String answer;  
  
 public Question() {  
  
 }  
 //constructer for setting values  
  
  
 public Question(int id, String question, String opt\_A, String opt\_B, String opt\_C, String opt\_D, String answer) {  
 this.id = id;  
 this.question = question;  
 this.opt\_A = opt\_A;  
 this.opt\_B = opt\_B;  
 this.opt\_C = opt\_C;  
 this.opt\_D = opt\_D;  
 this.answer = answer;  
 }  
  
 public int getId() {  
 return id;  
 }  
  
 public void setId(int id) {  
 this.id = id;  
 }  
  
 public String getQuestion() {  
 return question;  
 }  
  
 public void setQuestion(String question) {  
 this.question = question;  
 }  
  
 public String getOpt\_A() {  
 return opt\_A;  
 }  
  
 public void setOpt\_A(String opt\_A) {  
 this.opt\_A = opt\_A;  
 }  
  
 public String getOpt\_B() {  
 return opt\_B;  
 }  
  
 public void setOpt\_B(String opt\_B) {  
 this.opt\_B = opt\_B;  
 }  
  
 public String getOpt\_C() {  
 return opt\_C;  
 }  
  
 public void setOpt\_C(String opt\_C) {  
 this.opt\_C = opt\_C;  
 }  
  
 public String getOpt\_D() {  
 return opt\_D;  
 }  
  
 public void setOpt\_D(String opt\_D) {  
 this.opt\_D = opt\_D;  
 }  
  
 public String getAnswer() {  
 return answer;  
 }  
  
 public void setAnswer(String answer) {  
 this.answer = answer;  
 }  
}

package com.example.myapplication.Model;  
  
public class Result {  
 private String test, score;  
  
 public String getTest() {  
 return test;  
 }  
  
 public void setTest(String test) {  
 this.test = test;  
 }  
  
 public String getScore() {  
 return score;  
 }  
  
 public void setScore(String score) {  
 this.score = score;  
 }  
}

package com.example.myapplication.Model;  
  
import java.io.Serializable;  
import java.util.ArrayList;  
  
public class Test implements Serializable {  
 String Name;  
 ArrayList<Question> Questions;  
 Long time;  
  
 public Test() {  
 }  
  
 public Long getTime() {  
 return time;  
 }  
  
 public void setTime(Long time) {  
 this.time = time;  
 }  
  
 public String getName() {  
 return Name;  
 }  
  
 public void setName(String name) {  
 Name = name;  
 }  
  
 public ArrayList<Question> getQuestions() {  
 return Questions;  
 }  
  
 public void setQuestions(ArrayList<Question> questions) {  
 Questions = questions;  
 }  
}

package com.example.myapplication.Model;  
  
public class User {  
 public String name, semester, branch, sect;  
  
 public User() {  
 }  
  
 public User(String name, String semester, String branch, String sect) {  
 this.name = name;  
 this.semester = semester;  
 this.branch = branch;  
 this.sect = sect;  
 }  
  
 public String getName() {  
 return name;  
 }  
  
 public void setName(String name) {  
 this.name = name;  
 }  
  
 public String getSemester() {  
 return semester;  
 }  
  
 public void setSemester(String semester) {  
 this.semester = semester;  
 }  
  
 public String getBranch() {  
 return branch;  
 }  
  
 public void setBranch(String branch) {  
 this.branch = branch;  
 }  
  
 public String getSect() {  
 return sect;  
 }  
  
 public void setSect(String secti) {  
 this.sect = secti;  
 }  
}

package com.example.myapplication.NotificationActivity;  
  
import android.util.Log;  
  
  
import com.google.firebase.messaging.FirebaseMessaging;  
import com.google.firebase.messaging.FirebaseMessagingService;  
  
public class MyFirebaseInstanceIDService extends FirebaseMessagingService {  
  
 private static final String *TAG* = "mFirebaseIIDService";  
 private static final String *SUBSCRIBE\_TO* = "userABC";  
  
 @Override  
 public void onNewToken(String s) {  
 super.onNewToken(s);  
 /\*  
 This method is invoked whenever the token refreshes  
 OPTIONAL: If you want to send messages to this application instance  
 or manage this apps subscriptions on the server side,  
 you can send this token to your server.  
 \*/  
 String token = s;  
  
 // Once the token is generated, subscribe to topic with the userId  
 FirebaseMessaging.*getInstance*().subscribeToTopic(*SUBSCRIBE\_TO*);  
 Log.*i*(*TAG*, "onTokenRefresh completed with token: " + token);  
 }  
}

package com.example.myapplication.NotificationActivity;  
  
import android.app.NotificationChannel;  
import android.app.NotificationManager;  
import android.app.PendingIntent;  
import android.content.Context;  
import android.content.Intent;  
import android.graphics.Bitmap;  
import android.graphics.BitmapFactory;  
import android.graphics.Color;  
import android.media.RingtoneManager;  
import android.net.Uri;  
import android.os.Build;  
  
import androidx.annotation.NonNull;  
import androidx.annotation.RequiresApi;  
import androidx.core.app.NotificationCompat;  
  
import com.example.myapplication.R;  
import com.example.myapplication.View.MainActivity;  
import com.google.firebase.messaging.FirebaseMessagingService;  
import com.google.firebase.messaging.RemoteMessage;  
  
import java.util.Random;  
  
public class MyFirebaseMessagingService extends FirebaseMessagingService {  
  
 private final String ADMIN\_CHANNEL\_ID ="admin\_channel";  
  
 @Override  
 public void onMessageReceived(@NonNull RemoteMessage remoteMessage) {  
 final Intent intent = new Intent(this, MainActivity.class);  
 NotificationManager notificationManager = (NotificationManager)getSystemService(Context.*NOTIFICATION\_SERVICE*);  
 int notificationID = new Random().nextInt(3000);  
  
 /\*  
 Apps targeting SDK 26 or above (Android O) must implement notification channels and add its notifications  
 to at least one of them. Therefore, confirm if version is Oreo or higher, then setup notification channel  
 \*/  
 if (android.os.Build.VERSION.*SDK\_INT* >= android.os.Build.VERSION\_CODES.*O*) {  
 setupChannels(notificationManager);  
 }  
  
 intent.addFlags(Intent.*FLAG\_ACTIVITY\_CLEAR\_TOP*);  
 PendingIntent pendingIntent = PendingIntent.*getActivity*(this , 0, intent,  
 PendingIntent.*FLAG\_ONE\_SHOT* | PendingIntent.*FLAG\_IMMUTABLE*);  
  
 Bitmap largeIcon = BitmapFactory.*decodeResource*(getResources(),  
 R.mipmap.*ic\_launcher\_round*);  
  
 Uri notificationSoundUri = RingtoneManager.*getDefaultUri*(RingtoneManager.*TYPE\_NOTIFICATION*);  
 NotificationCompat.Builder notificationBuilder = new NotificationCompat.Builder(this, ADMIN\_CHANNEL\_ID)  
 .setSmallIcon(R.drawable.*ic\_appicon*)  
 .setLargeIcon(largeIcon)  
 .setContentTitle(remoteMessage.getData().get("title"))  
 .setContentText(remoteMessage.getData().get("message"))  
 .setAutoCancel(true)  
 .setSound(notificationSoundUri)  
 .setContentIntent(pendingIntent);  
  
 //Set notification color to match your app color template  
 if (Build.VERSION.*SDK\_INT* >= Build.VERSION\_CODES.*LOLLIPOP*){  
 notificationBuilder.setColor(getResources().getColor(R.color.*colorPrimaryDark*));  
 }  
 notificationManager.notify(notificationID, notificationBuilder.build());  
 }  
  
 @RequiresApi(api = Build.VERSION\_CODES.*O*)  
 private void setupChannels(NotificationManager notificationManager){  
 CharSequence adminChannelName = "New notification";  
 String adminChannelDescription = "Device to devie notification";  
  
 NotificationChannel adminChannel;  
 adminChannel = new NotificationChannel(ADMIN\_CHANNEL\_ID, adminChannelName, NotificationManager.*IMPORTANCE\_HIGH*);  
 adminChannel.setDescription(adminChannelDescription);  
 adminChannel.enableLights(true);  
 adminChannel.setLightColor(Color.*RED*);  
 adminChannel.enableVibration(true);  
 if (notificationManager != null) {  
 notificationManager.createNotificationChannel(adminChannel);  
 }  
 }  
}

package com.example.myapplication.NotificationActivity;  
  
  
import android.app.Service;  
import android.content.Intent;  
import android.graphics.Color;  
import android.graphics.PorterDuff;  
import android.os.Handler;  
import android.os.IBinder;  
import android.util.Log;  
import android.view.Gravity;  
import android.view.View;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import java.util.Timer;  
import java.util.TimerTask;  
  
  
public class NotificationService extends Service {  
  
 Timer timer;  
 TimerTask timerTask;  
 String TAG = "Timers";  
 int Your\_X\_SECS = 2;  
  
  
 @Override  
 public IBinder onBind(Intent arg0) {  
 return null;  
 }  
  
 @Override  
 public int onStartCommand(Intent intent, int flags, int startId) {  
 Log.*e*(TAG, "onStartCommand");  
 super.onStartCommand(intent, flags, startId);  
 startTimer();  
 return *START\_STICKY*;  
 }  
  
  
 @Override  
 public void onCreate() {  
 Log.*e*(TAG, "onCreate");  
 }  
  
 @Override  
 public void onDestroy() {  
 Log.*e*(TAG, "onDestroy");  
 stoptimertask();  
 super.onDestroy();  
 }  
  
 //we are going to use a handler to be able to run in our TimerTask  
 final Handler handler = new Handler();  
  
  
 public void startTimer() {  
 //set a new Timer  
 timer = new Timer();  
  
 //initialize the TimerTask's job  
 initializeTimerTask();  
  
 //schedule the timer, after the first 5000ms the TimerTask will run every 10000ms  
 timer.schedule(timerTask, 1000, Your\_X\_SECS \* 1000); //  
 //timer.schedule(timerTask, 5000,1000); //  
 }  
  
 public void stoptimertask() {  
 //stop the timer, if it's not already null  
 if (timer != null) {  
 timer.cancel();  
 timer = null;  
 }  
 }  
  
 public void initializeTimerTask() {  
  
 timerTask = new TimerTask() {  
 public void run() {  
  
 //use a handler to run a toast that shows the current timestamp  
 handler.post(new Runnable() {  
 public void run() {  
  
// *TODO CALL NOTIFICATION FUNC*// YOURNOTIFICATIONFUNCTION();  
 Toast toast= Toast.*makeText*(getApplicationContext(),  
 "Finish or submit your test! Before times runs out.", Toast.*LENGTH\_SHORT*);  
 toast.setGravity(Gravity.*CENTER*|Gravity.*CENTER\_VERTICAL*, 0, -10);  
 View view = toast.getView();  
  
 //Gets the actual oval background of the Toast then sets the colour filter  
 view.getBackground().setColorFilter(Color.*rgb*(42,158,235), PorterDuff.Mode.*SRC\_IN*);  
  
 //Gets the TextView from the Toast so it can be editted  
 TextView text = view.findViewById(android.R.id.*message*);  
 text.setTextSize(20);  
 text.setTextColor(Color.*BLACK*);  
 toast.show();  
// stoptimertask();  
 }  
 });  
 }  
 };  
 }  
}

package com.example.myapplication.Results\_section;  
  
import android.graphics.Bitmap;  
import android.graphics.BitmapFactory;  
import android.os.Bundle;  
import android.util.DisplayMetrics;  
import android.view.MenuItem;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
  
import com.example.myapplication.R;  
import com.google.android.gms.tasks.OnFailureListener;  
import com.google.android.gms.tasks.OnSuccessListener;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.storage.FirebaseStorage;  
import com.google.firebase.storage.StorageReference;  
  
import java.util.Objects;  
  
import de.hdodenhof.circleimageview.CircleImageView;  
  
public class GetDetailReport extends AppCompatActivity {  
  
 CircleImageView circleImageView;  
 TextView textView1;  
 TextView textView2;  
 TextView textView3;  
 TextView textView4;  
 TextView textView5;  
 private FirebaseDatabase database;  
 private FirebaseAuth auth;  
 private DatabaseReference myRef;  
 private StorageReference firebaseStorage;  
 final long ONE\_MEGABYTE = 1024 \* 1024;  
  
  
 @Override  
 protected void onCreate(@Nullable Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*complete\_student\_details*);  
 Toolbar toolbar = findViewById(R.id.*toolbartst*);  
 setSupportActionBar(toolbar);  
 toolbar.setTitleTextColor(getResources().getColor(android.R.color.*black*));  
 Objects.*requireNonNull*(getSupportActionBar()).setDisplayHomeAsUpEnabled(true);  
 circleImageView = findViewById(R.id.*USERIMAGE*);  
 textView1 = findViewById(R.id.*StudentID*);  
 textView2 = findViewById(R.id.*SemID*);  
 textView3 = findViewById(R.id.*Branchid*);  
 textView4 = findViewById(R.id.*SectionID*);  
 textView5 = findViewById(R.id.*this\_Section*);  
 String temp = getIntent().getStringExtra("USERID");  
  
 firebaseStorage = FirebaseStorage.*getInstance*().getReference().child(temp);  
 firebaseStorage.getBytes(ONE\_MEGABYTE)  
 .addOnSuccessListener(new OnSuccessListener<byte[]>() {  
 @Override  
 public void onSuccess(byte[] bytes) {  
 Bitmap bm = BitmapFactory.*decodeByteArray*(bytes, 0, bytes.length);  
 DisplayMetrics dm = new DisplayMetrics();  
 getWindowManager().getDefaultDisplay().getMetrics(dm);  
  
 circleImageView.setMinimumHeight(100);  
 circleImageView.setMinimumWidth(100);  
 circleImageView.setMaxHeight(100);  
 circleImageView.setMaxWidth(100);  
 circleImageView.setScaleType(ImageView.ScaleType.CENTER\_CROP);  
 circleImageView.setImageBitmap(bm);  
 }  
 }).addOnFailureListener(new OnFailureListener() {  
 @Override  
 public void onFailure(@NonNull Exception e) {  
  
 }  
 });  
  
 textView1.setText(getIntent().getStringExtra("DetailID"));  
 textView2.setText(getIntent().getStringExtra("DetailBranch"));  
 textView3.setText(getIntent().getStringExtra("DetailSem"));  
 textView4.setText(getIntent().getStringExtra("DetailSec"));  
 String Temp = getIntent().getStringExtra("TestNAME") + " results is: " +  
 getIntent().getStringExtra("Marks");  
 textView5.setText(Temp);  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
  
 if(item.getItemId() == android.R.id.home) {  
 finish();  
 }  
 return super.onOptionsItemSelected(item);  
 }  
}

package com.example.myapplication.Results\_section;  
  
import android.content.Context;  
import android.content.Intent;  
import android.os.Bundle;  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
import android.util.Log;  
import android.view.LayoutInflater;  
import android.view.MenuItem;  
import android.view.View;  
import android.view.ViewGroup;  
import android.view.animation.Animation;  
import android.view.animation.AnimationUtils;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.ImageView;  
import android.widget.ListView;  
import android.widget.ProgressBar;  
import android.widget.TextView;  
import com.example.myapplication.R;  
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 java.util.ArrayList;  
import java.util.Objects;  
  
public class ResultsAdmin extends AppCompatActivity {  
  
 private FirebaseDatabase database;  
 private FirebaseAuth auth;  
 private DatabaseReference myRef;  
 private ProgressBar progressBar;  
 private ListView listView;  
 private TestAdapter testAdapter;  
 ArrayList<String> result = new ArrayList<>();  
 private int lastPos = -1;  
 private boolean isAdmin = false;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 auth = FirebaseAuth.*getInstance*();  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_tests*);  
 isAdmin = getIntent().getBooleanExtra("ISADMIN", false);  
 if (!isAdmin)  
 setTitle("Results");  
 Toolbar toolbar = findViewById(R.id.*toolbar*);  
 toolbar.setTitleTextColor(getResources().getColor(android.R.color.*black*));  
 setSupportActionBar(toolbar);  
 Objects.*requireNonNull*(getSupportActionBar()).setDisplayHomeAsUpEnabled(true);  
 progressBar = findViewById(R.id.*loader1*);  
 progressBar.setVisibility(View.*VISIBLE*);  
 database = FirebaseDatabase.*getInstance*();  
 myRef = database.getReference();  
 listView = findViewById(R.id.*test\_listview*);  
 testAdapter = new TestAdapter(ResultsAdmin.this, result);  
 listView.setAdapter(testAdapter);  
 getResults();  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 if (item.getItemId() == android.R.id.*home*) {  
 finish();  
 }  
 return super.onOptionsItemSelected(item);  
 }  
  
 public void getResults() {  
 if (isAdmin) {  
 myRef.child("Results").addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 result.clear();  
 for (DataSnapshot snapshot : dataSnapshot.getChildren()) {  
 result.add(snapshot.getKey());  
 }  
 testAdapter.dataList = result;  
 testAdapter.notifyDataSetChanged();  
 progressBar.setVisibility(View.*GONE*);  
 Log.*e*("The read success: ", "su" + result.size());  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
 progressBar.setVisibility(View.*GONE*);  
 Log.*e*("The read failed: ", databaseError.getMessage());  
 }  
 });  
 } else {  
 myRef.child("Results").addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 result.clear();  
 for (DataSnapshot snapshot : dataSnapshot.getChildren()) {  
 if (snapshot.hasChild(Objects.*requireNonNull*(auth.getUid())))  
 result.add(snapshot.getKey());  
 }  
 testAdapter.dataList = result;  
 testAdapter.notifyDataSetChanged();  
 progressBar.setVisibility(View.*GONE*);  
 Log.*e*("The read success: ", "su" + result.size());  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
 progressBar.setVisibility(View.*GONE*);  
 Log.*e*("The read failed: ", databaseError.getMessage());  
 }  
 });  
 }  
 }  
  
 class TestAdapter extends ArrayAdapter<String> {  
  
 private Context mContext;  
 ArrayList<String> dataList;  
  
 public TestAdapter(Context context, ArrayList<String> list) {  
 super(context, 0, list);  
 mContext = context;  
 dataList = list;  
 }  
  
 @NonNull  
 @Override  
 public View getView(final int position, @Nullable View convertView, @NonNull ViewGroup parent) {  
 View listItem = convertView;  
 if (listItem == null)  
 listItem = LayoutInflater.*from*(mContext).inflate(R.layout.*test\_item*, parent, false);  
 ((ImageView) listItem.findViewById(R.id.*item\_imageView*))  
 .setImageDrawable(mContext.getDrawable(R.drawable.*ranking*));  
 ((ImageView) listItem.findViewById(R.id.*item\_imageView*)).setPadding(10, 0, 0, 0);  
 ((TextView) listItem.findViewById(R.id.*item\_textView*)).setText(dataList.get(position));  
 ((Button) listItem.findViewById(R.id.*item\_button*)).setText("View");  
  
 Animation animation = AnimationUtils.*loadAnimation*(getContext(),  
 (position > lastPos) ? R.anim.*up\_from\_bottom* : R.anim.*down\_from\_top*);  
 listItem.startAnimation(animation);  
 lastPos = position;  
 ((Button) listItem.findViewById(R.id.*item\_button*)).setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(ResultsAdmin.this, ResultsAdminDetailed.class);  
 intent.putExtra("test", dataList.get(position));  
 intent.putExtra("ISAdmin", isAdmin);  
 startActivity(intent);  
 }  
 });  
 return listItem;  
 }  
 }  
}

package com.example.myapplication.Results\_section;  
  
import android.content.Context;  
import android.content.Intent;  
import android.os.Bundle;  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
import androidx.cardview.widget.CardView;  
import androidx.core.content.ContextCompat;  
  
import android.os.Environment;  
import android.util.Log;  
import android.view.LayoutInflater;  
import android.view.MenuItem;  
import android.view.View;  
import android.view.ViewGroup;  
import android.view.animation.Animation;  
import android.view.animation.AnimationUtils;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.ImageView;  
import android.widget.ListView;  
import android.widget.ProgressBar;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.example.myapplication.Model.User;  
import com.example.myapplication.R;  
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 org.apache.poi.hssf.usermodel.HSSFWorkbook;  
import org.apache.poi.ss.usermodel.Row;  
import org.apache.poi.ss.usermodel.Sheet;  
  
import java.io.File;  
import java.io.FileOutputStream;  
import java.util.ArrayList;  
import java.util.Collections;  
import java.util.Comparator;  
import java.util.Objects;  
  
public class ResultsAdminDetailed extends AppCompatActivity {  
  
 private DatabaseReference myRef;  
 private ProgressBar progressBar;  
 private CardView button;  
 private ResultsAdminDetailed.TestAdapter testAdapter;  
 ArrayList<TestResults> result = new ArrayList<>();  
 private String testName;  
 private int lastPos = -1;  
 public boolean isAdmin = false;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 FirebaseAuth auth = FirebaseAuth.getInstance();  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_tests);  
 button = findViewById(R.id.download\_card);  
 isAdmin = getIntent().getBooleanExtra("ISAdmin", false);  
 testName = getIntent().getStringExtra("test");  
  
 if (!isAdmin) {  
 setTitle("Result");  
 }  
  
 if (isAdmin) {  
 button.setVisibility(View.VISIBLE);  
 }  
  
 Toolbar toolbar = findViewById(R.id.toolbar);  
 toolbar.setTitleTextColor(getResources().getColor(android.R.color.black));  
 setSupportActionBar(toolbar);  
 Objects.requireNonNull(getSupportActionBar()).setDisplayHomeAsUpEnabled(true);  
  
 progressBar = findViewById(R.id.loader1);  
 progressBar.setVisibility(View.VISIBLE);  
  
 FirebaseDatabase database = FirebaseDatabase.getInstance();  
 myRef = database.getReference();  
  
 ListView listView = findViewById(R.id.test\_listview);  
 testAdapter = new ResultsAdminDetailed.TestAdapter(ResultsAdminDetailed.this, result);  
 listView.setAdapter(testAdapter);  
 getSupportActionBar().setTitle(testName);  
  
 getResults();  
  
 button.setOnClickListener(v -> {  
 // check if available and not read only  
 if (!isExternalStorageAvailable() || isExternalStorageReadOnly()) {  
 Log.e("TAG", "Storage not available or read only");  
 return;  
 }  
 saveToExcel(testName.concat(".xls"));  
 });  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 if (item.getItemId() == android.R.id.home) {  
 finish();  
 }  
 return super.onOptionsItemSelected(item);  
 }  
  
 public void saveToExcel(String fileName) {  
 getResults();  
 //New Workbook  
 HSSFWorkbook hSSFWorkbook = new HSSFWorkbook();  
 Sheet createSheet = hSSFWorkbook.createSheet(this.testName);  
 //create row  
 Row createRow = createSheet.createRow(0);  
 createRow.createCell(0).setCellValue("ID");  
 createRow.createCell(1).setCellValue("Semester");  
 createRow.createCell(2).setCellValue("Branch");  
 createRow.createCell(3).setCellValue("Section");  
 createRow.createCell(4).setCellValue("Score");  
  
 int i = 0;  
 while (i < this.testAdapter.dataList.size()) {  
 int i2 = i + 1;  
 Row createRow2 = createSheet.createRow(i2);  
 createRow2.createCell(0).setCellValue(this.testAdapter.dataList.get(i).user.name);  
 createRow2.createCell(1).setCellValue(this.testAdapter.dataList.get(i).user.semester);  
 createRow2.createCell(2).setCellValue(this.testAdapter.dataList.get(i).user.branch);  
 createRow2.createCell(3).setCellValue(this.testAdapter.dataList.get(i).user.sect);  
 createRow2.createCell(4).setCellValue(this.testAdapter.dataList.get(i).score);  
 i = i2;  
 }  
  
 //save the file under download folder of android  
 File file = new File(Environment.getExternalStoragePublicDirectory(Environment.DIRECTORY\_DOWNLOADS),fileName);  
  
 try {  
 FileOutputStream fileOutputStream = new FileOutputStream(file);  
 hSSFWorkbook.write(fileOutputStream);  
 StringBuilder sb = new StringBuilder();  
 sb.append("Writing file");  
 sb.append(fileName);  
 Log.w("FileSaver",sb.toString());  
 fileOutputStream.close();  
 Toast.makeText(ResultsAdminDetailed.this, "File is saved under Download folder", Toast.LENGTH\_SHORT).show();  
 } catch (Exception e) {  
 Toast.makeText(ResultsAdminDetailed.this, "Can't be saved", Toast.LENGTH\_SHORT).show();  
 e.printStackTrace();  
 }  
 }  
  
 public boolean isExternalStorageReadOnly() {  
 return "mounted\_ro".equals(Environment.getExternalStorageState());  
 }  
  
 public boolean isExternalStorageAvailable() {  
 return "mounted".equals(Environment.getExternalStorageState());  
 }  
  
 public void getResults() {  
 myRef.child("Results").child(testName).addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 result.clear();  
  
 for (DataSnapshot snapshot : dataSnapshot.getChildren()) {  
 TestResults t = new TestResults();  
 t.userID = snapshot.getKey();  
 t.score = Objects.requireNonNull(snapshot.getValue()).toString();  
 result.add(t);  
 }  
  
 Collections.sort(result, (o1, o2) -> o2.score.compareTo(o1.score));  
  
 getDetails();  
 Log.e("The read success: ", "su" + result.size());  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
 progressBar.setVisibility(View.GONE);  
 Log.e("The read failed: ", databaseError.getMessage());  
 }  
 });  
 }  
  
 private void getDetails() {  
 myRef.child("users").addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 for (int i = 0; i < result.size(); i++) {  
 if (dataSnapshot.child(result.get(i).userID).exists())  
 result.get(i).user = dataSnapshot.child(result.get(i).userID).getValue(User.class);  
 else {  
 User user1 = new User();  
 user1.setName("Unknown");  
 user1.setBranch("Details not added yet");  
 user1.setSect("Details not added yet");  
 user1.setSemester("Details not added yet");  
 result.get(i).user = user1;  
 }  
 }  
  
 testAdapter.dataList = result;  
 testAdapter.notifyDataSetChanged();  
 progressBar.setVisibility(View.GONE);  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
 progressBar.setVisibility(View.GONE);  
 }  
 });  
 }  
  
 class TestResults {  
 public String userID, score;  
 public User user;  
 }  
  
 class TestAdapter extends ArrayAdapter<TestResults> {  
 private Context mContext;  
 ArrayList<TestResults> dataList;  
  
 public TestAdapter(Context context, ArrayList<TestResults> list) {  
 super(context, 0, list);  
 mContext = context;  
 dataList = list;  
 }  
  
 @NonNull  
 @Override  
 public View getView(final int position, @Nullable View convertView, @NonNull ViewGroup parent) {  
 View listItem = convertView;  
 if (listItem == null)  
 listItem = LayoutInflater.from(mContext).inflate(R.layout.test\_item, parent, false);  
  
 ((ImageView) listItem.findViewById(R.id.item\_imageView))  
 .setImageDrawable(ContextCompat.getDrawable(mContext, R.drawable.ranking));  
  
 if (dataList.get(position).user != null)  
 ((TextView) listItem.findViewById(R.id.item\_textView)).setText(dataList.get(position).user.name);  
 else {  
 ((TextView) listItem.findViewById(R.id.item\_textView)).setText("Details not added yet");  
 }  
  
 Animation animation = AnimationUtils.loadAnimation(getContext(), (position > lastPos) ? R.anim.up\_from\_bottom : R.anim.down\_from\_top);  
 (listItem).startAnimation(animation);  
 lastPos = position;  
  
 if (isAdmin) {  
 ((TextView) listItem.findViewById(R.id.item\_textView)).setOnClickListener(v -> {  
 if (dataList.get(position).user.name != null) {  
 Intent intent = new Intent(ResultsAdminDetailed.this, GetDetailReport.class);  
 intent.putExtra("USERID", dataList.get(position).userID);  
 intent.putExtra("DetailID", dataList.get(position).user.name);  
 intent.putExtra("DetailBranch", dataList.get(position).user.branch);  
 intent.putExtra("DetailSem", dataList.get(position).user.semester);  
 intent.putExtra("DetailSec", dataList.get(position).user.sect);  
 intent.putExtra("TestNAME", testName);  
 intent.putExtra("Marks", dataList.get(position).score);  
 startActivity(intent);  
 }  
 });  
 }  
  
 ((Button) listItem.findViewById(R.id.item\_button)).setText(dataList.get(position).score);  
 return listItem;  
 }  
 }  
}

package com.example.myapplication.Splash\_Activity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import androidx.appcompat.app.AppCompatActivity;  
import com.daimajia.androidanimations.library.Techniques;  
import com.example.myapplication.Create\_Quiz.Custom\_quiz;  
import com.example.myapplication.R;  
import com.viksaa.sssplash.lib.activity.AwesomeSplash;  
import com.viksaa.sssplash.lib.cnst.Flags;  
import com.viksaa.sssplash.lib.model.ConfigSplash;  
  
public class Splash\_create\_quiz extends AwesomeSplash {  
  
 private boolean isAdmin = false;  
  
 @Override  
 public void initSplash(ConfigSplash configSplash) {  
 isAdmin = getIntent().getBooleanExtra("ChatAdmin", false);  
 configSplash.setBackgroundColor(R.color.btn\_logout\_bg);  
 configSplash.setAnimCircularRevealDuration(500);  
 configSplash.setRevealFlagX(Flags.REVEAL\_RIGHT);  
 configSplash.setRevealFlagY(Flags.REVEAL\_BOTTOM);  
 configSplash.setLogoSplash(0);  
 configSplash.setAnimLogoSplashDuration(0);  
 configSplash.setAnimLogoSplashTechnique(Techniques.Bounce);  
 configSplash.setOriginalHeight(400);  
 configSplash.setOriginalWidth(400);  
 configSplash.setAnimPathStrokeDrawingDuration(0);  
 configSplash.setPathSplashStrokeSize(3);  
 configSplash.setPathSplashStrokeColor(R.color.btn\_logout\_bg);  
 configSplash.setAnimPathFillingDuration(50);  
 configSplash.setPathSplashFillColor(R.color.strokeColor);  
 configSplash.setTitleSplash("");  
 configSplash.setTitleTextColor(R.color.btn\_logout\_bg);  
 configSplash.setTitleTextSize(30f);  
 configSplash.setAnimTitleDuration(0);  
 configSplash.setAnimTitleTechnique(Techniques.FlipInX);  
 }  
  
 @Override  
 public void animationsFinished() {  
 startActivity(new Intent(Splash\_create\_quiz.this, Custom\_quiz.class));  
 finish();  
 }  
}

package com.example.myapplication.Splash\_Activity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.os.Handler;  
import android.view.animation.Animation;  
import android.view.animation.AnimationUtils;  
import android.widget.TextView;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.constraintlayout.widget.ConstraintLayout;  
import com.example.myapplication.R;  
import com.example.myapplication.Auth\_Controller.LoginActivity;  
  
public class SplashActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(@Nullable Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_splash*);  
 Animation anim = AnimationUtils.*loadAnimation*(this, R.anim.*alpha*);  
 anim.reset();  
 ConstraintLayout l = findViewById(R.id.*lin\_lay*);  
 l.clearAnimation();  
 l.startAnimation(anim);  
 anim = AnimationUtils.*loadAnimation*(this, R.anim.*translate*);  
 anim.reset();  
 TextView tv = findViewById(R.id.*textView2*);  
 tv.clearAnimation();  
 tv.startAnimation(anim);  
  
 int SPLASH\_DISPLAY\_LENGTH = 2090;  
 new Handler().postDelayed(new Runnable() {  
 @Override  
 public void run() {  
 Intent mainIntent = new Intent(SplashActivity.this, LoginActivity.class);  
 mainIntent.setFlags(Intent.*FLAG\_ACTIVITY\_NO\_ANIMATION*);  
 SplashActivity.this.startActivity(mainIntent);  
 SplashActivity.this.finish();  
 overridePendingTransition(android.R.anim.*fade\_in*, android.R.anim.*fade\_out*);  
 }  
 }, SPLASH\_DISPLAY\_LENGTH);  
 }  
}

package com.example.myapplication.Splash\_Activity;  
  
import android.content.Intent;  
import com.daimajia.androidanimations.library.Techniques;  
import com.example.myapplication.Chat\_Section.Chat\_Handler;  
import com.example.myapplication.R;  
import com.viksaa.sssplash.lib.activity.AwesomeSplash;  
import com.viksaa.sssplash.lib.cnst.Flags;  
import com.viksaa.sssplash.lib.model.ConfigSplash;  
  
public class SplashAnimation extends AwesomeSplash {  
  
 private boolean isAdmin = false;  
  
 @Override  
 public void initSplash(ConfigSplash configSplash) {  
 isAdmin = getIntent().getBooleanExtra("ChatAdmin", false);  
 configSplash.setBackgroundColor(R.color.colorPrimary);  
 configSplash.setAnimCircularRevealDuration(300);  
 configSplash.setRevealFlagX(Flags.REVEAL\_RIGHT);  
 configSplash.setRevealFlagY(Flags.REVEAL\_BOTTOM);  
 configSplash.setLogoSplash(0);  
 configSplash.setAnimLogoSplashDuration(0);  
 configSplash.setAnimLogoSplashTechnique(Techniques.Bounce);  
 configSplash.setOriginalHeight(400);  
 configSplash.setOriginalWidth(400);  
 configSplash.setAnimPathStrokeDrawingDuration(0);  
 configSplash.setPathSplashStrokeSize(3);  
 configSplash.setPathSplashStrokeColor(R.color.btn\_logout\_bg);  
 configSplash.setAnimPathFillingDuration(500);  
 configSplash.setPathSplashFillColor(R.color.strokeColor);  
 configSplash.setTitleSplash("");  
 configSplash.setTitleTextColor(R.color.btn\_logout\_bg);  
 configSplash.setTitleTextSize(30f);  
 configSplash.setAnimTitleDuration(0);  
 configSplash.setAnimTitleTechnique(Techniques.FlipInX);  
 }  
  
 @Override  
 public void animationsFinished() {  
 Intent intent = new Intent(SplashAnimation.this, Chat\_Handler.class);  
 intent.putExtra("ChatAdmin", isAdmin);  
 startActivity(intent);  
 finish();  
 }  
}

package com.example.myapplication.View;  
  
import android.annotation.SuppressLint;  
import android.annotation.TargetApi;  
import android.app.Activity;  
import android.os.Bundle;  
import android.view.MenuItem;  
import android.webkit.WebResourceError;  
import android.webkit.WebResourceRequest;  
import android.webkit.WebSettings;  
import android.webkit.WebView;  
import android.webkit.WebViewClient;  
import android.widget.Toast;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import java.util.Objects;  
  
public class AboutUsActivity extends AppCompatActivity {  
  
 private WebView mWebview ;  
 @SuppressLint("SetJavaScriptEnabled")  
 @Override  
 public void onCreate(Bundle savedInstanceState) {  
  
 super.onCreate(savedInstanceState);  
 Objects.*requireNonNull*(getSupportActionBar()).setDisplayHomeAsUpEnabled(true);  
 mWebview = new WebView(this);  
 mWebview.getSettings().setJavaScriptEnabled(true);  
 mWebview.getSettings().setBuiltInZoomControls(true);  
 mWebview.getSettings().setDisplayZoomControls(false);  
 mWebview.setInitialScale(1);  
  
 mWebview.getSettings().setLoadWithOverviewMode(true);  
 mWebview.getSettings().setUseWideViewPort(true);  
 mWebview.getSettings().setLayoutAlgorithm(WebSettings.LayoutAlgorithm.*SINGLE\_COLUMN*);  
  
 // enable javascript  
  
 final Activity activity = this;  
  
 mWebview.setWebViewClient(new WebViewClient() {  
 @SuppressWarnings("deprecation")  
 @Override  
 public void onReceivedError(WebView view, int errorCode, String description, String failingUrl) {  
 Toast.*makeText*(activity, description, Toast.*LENGTH\_SHORT*).show();  
 }  
 @TargetApi(android.os.Build.VERSION\_CODES.*O*)  
 @Override  
 public void onReceivedError(WebView view, WebResourceRequest req, WebResourceError rerr) {  
 // Redirect to deprecated method, so you can use it in all SDK versions  
 onReceivedError(view, rerr.getErrorCode(), rerr.getDescription().toString(), req.getUrl().toString());  
 }  
 });  
  
 String webAddress = "https://sites.google.com/view/quizzerapp/home";  
 mWebview .loadUrl(webAddress);  
 setContentView(mWebview );  
  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
  
 if(item.getItemId() == android.R.id.home) {  
 finish();  
 }  
 return super.onOptionsItemSelected(item);  
 }  
}

package com.example.myapplication.View;  
  
import android.app.ProgressDialog;  
import android.content.Intent;  
import android.graphics.Bitmap;  
import android.net.Uri;  
import android.os.Bundle;  
import androidx.annotation.NonNull;  
  
import android.provider.MediaStore;  
import android.view.MenuItem;  
import android.view.View;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.ImageView;  
import android.widget.Spinner;  
import android.widget.Toast;  
  
import androidx.annotation.Nullable;  
import androidx.appcompat.widget.Toolbar;  
import androidx.appcompat.app.AppCompatActivity;  
  
import com.example.myapplication.Misc\_Section.ImageUtils;  
import com.example.myapplication.R;  
import com.example.myapplication.Model.User;  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.OnFailureListener;  
import com.google.android.gms.tasks.OnSuccessListener;  
import com.google.android.gms.tasks.Task;  
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.UploadTask;  
  
import java.io.ByteArrayOutputStream;  
import java.io.IOException;  
import java.util.Arrays;  
import java.util.Objects;  
  
public class AddDetails extends AppCompatActivity {  
  
  
 private Spinner section,sem,branch;  
 private ArrayAdapter<String> SecAdapter,BranchAdapter,SemAdapter;  
 private Button update;  
 private DatabaseReference mDatabase;  
 private FirebaseAuth auth;  
 private EditText name;  
 private Toolbar toolbar;  
 private ImageView imageView;  
 private static final int *PICK\_IMAGE\_REQUEST* = 1;  
 private Uri mImageUri;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*add\_details*);  
  
 mDatabase = FirebaseDatabase.*getInstance*().getReference();  
 auth= FirebaseAuth.*getInstance*();  
 update=findViewById(R.id.*update\_button*);  
  
 name=findViewById(R.id.*Name\_details*);  
 section=findViewById(R.id.Sect\_spinner);  
 sem=findViewById(R.id.Sem\_spinner);  
 branch=findViewById(R.id.Branch\_spinner);  
 imageView = findViewById(R.id.userImage);  
 final ProgressDialog progressDialog = new ProgressDialog(this);  
  
 //This on click method for choosing image  
 imageView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 openFileChooser();  
 }  
 });  
  
 toolbar = findViewById(R.id.toolbar1);  
 setSupportActionBar(toolbar);  
 Objects.requireNonNull(getSupportActionBar()).setDisplayHomeAsUpEnabled(true);  
  
 //ArrayAdapter for section, Semester and branch  
 SecAdapter=new ArrayAdapter<>(this,android.R.layout.simple\_spinner\_item,this.getResources().getStringArray(R.array.College\_Choice));  
 SecAdapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);  
 BranchAdapter=new ArrayAdapter<>(this,android.R.layout.simple\_spinner\_item,this.getResources().getStringArray(R.array.Branch\_Choice));  
 BranchAdapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);  
 SemAdapter=new ArrayAdapter<>(this,android.R.layout.simple\_spinner\_item,this.getResources().getStringArray(R.array.Sem\_Choice));  
 SemAdapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);  
  
 section.setAdapter(SecAdapter);  
 branch.setAdapter(BranchAdapter);  
 sem.setAdapter(SemAdapter);  
  
 //Updates user Details onCLick method  
 update.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 progressDialog.show();  
 User user=new User(name.getText().toString(),sem.getSelectedItem().toString(),  
 branch.getSelectedItem().toString(),section.getSelectedItem().toString());  
 if(name!=null) {  
 //  
 mDatabase.child("users").child(Objects.requireNonNull(auth.getUid()))  
 .setValue(user).addOnCompleteListener(new OnCompleteListener<Void>() {  
 @Override  
 public void onComplete(@NonNull Task<Void> task) {  
 Toast.makeText(AddDetails.this,"Updated",Toast.LENGTH\_SHORT).show();  
 refresh();//Refresh 9  
 finish();  
 progressDialog.dismiss();  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 }  
 });  
 }else Toast.makeText(AddDetails.this,"Enter Valid Name",Toast.LENGTH\_SHORT).show();  
 }  
 });  
 mDatabase.child("users").child(Objects.requireNonNull(auth.getUid())).addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
  
 if(name.getText().toString().equals("")&&dataSnapshot.exists()){  
 User user=dataSnapshot.getValue(User.class);  
 assert user != null;  
 name.setText(user.name);  
 section.setSelection(Arrays.asList(AddDetails.this.getResources()  
 .getStringArray(R.array.College\_Choice)).indexOf(user.sect));  
 branch.setSelection(Arrays.asList(AddDetails.this.getResources()  
 .getStringArray(R.array.Branch\_Choice)).indexOf(user.branch));  
 sem.setSelection(Arrays.asList(AddDetails.this.getResources()  
 .getStringArray(R.array.Sem\_Choice)).indexOf(user.semester));  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
  
 }  
 });  
 }  
  
 public void openFileChooser() {  
 Intent intent = new Intent();  
 intent.setType("image/\*");  
 intent.setAction(Intent.ACTION\_GET\_CONTENT);  
 startActivityForResult(intent, PICK\_IMAGE\_REQUEST);  
 }  
  
 public void refresh() {  
  
 Intent intent = new Intent(AddDetails.this, MainActivity.class);  
 intent.addFlags(Intent.FLAG\_ACTIVITY\_NO\_ANIMATION);  
 finish();  
 intent.setFlags(Intent.FLAG\_ACTIVITY\_CLEAR\_TOP);  
 startActivity(intent);  
 }  
  
 @Override  
 protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {  
 super.onActivityResult(requestCode, resultCode, data);  
 if (requestCode == PICK\_IMAGE\_REQUEST && resultCode == RESULT\_OK  
 && data != null && data.getData() != null) {  
 mImageUri = data.getData();  
 try {  
  
 Bitmap bitmap = MediaStore.Images.Media.getBitmap(getContentResolver(),mImageUri);  
 ByteArrayOutputStream baos = new ByteArrayOutputStream();  
 bitmap.compress(Bitmap.CompressFormat.JPEG, 20, baos);  
 String userUid = Objects.requireNonNull(FirebaseAuth.getInstance().getCurrentUser()).getUid();  
 //uploading the image  
 UploadTask uploadTask = FirebaseStorage.getInstance()  
 .getReference().child(userUid).putFile(mImageUri);  
 uploadTask.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {  
 @Override  
 public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {  
  
 }  
 }).addOnFailureListener(new OnFailureListener() {  
 @Override  
 public void onFailure(@NonNull Exception e) {  
  
 }  
 });  
  
 } catch (IOException e) {  
 e.printStackTrace();  
 }  
 ImageUtils.displayRoundImageFromUrl(AddDetails.this, mImageUri.toString(), imageView);  
 //Picasso.get().load(mImageUri).into(imageView);  
 }  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
  
 if(item.getItemId() == android.R.id.home) {  
 finish();  
 }  
 return super.onOptionsItemSelected(item);  
 }  
}

package com.example.myapplication.View;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
  
import com.example.myapplication.R;  
import com.google.android.material.bottomsheet.BottomSheetDialogFragment;  
  
public class BottomSheetFragment extends BottomSheetDialogFragment {  
  
 public BottomSheetFragment () {  
  
 }  
  
 @Override  
 public void onCreate(@Nullable Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 }  
  
 @Nullable  
 @Override  
 public View onCreateView(@NonNull LayoutInflater inflater, @Nullable ViewGroup container,  
 @Nullable Bundle savedInstanceState) {  
 return inflater.inflate(R.layout.*termandcond*,container,false);  
 }  
}

package com.example.myapplication.View;  
  
import android.app.Dialog;  
import android.content.Context;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.graphics.Bitmap;  
import android.graphics.BitmapFactory;  
import android.graphics.drawable.ColorDrawable;  
import android.net.ConnectivityManager;  
import android.os.Bundle;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.ActionBarDrawerToggle;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
import androidx.core.view.GravityCompat;  
import androidx.drawerlayout.widget.DrawerLayout;  
import android.util.DisplayMetrics;  
import android.view.Menu;  
import android.view.MenuItem;  
import android.view.View;  
import android.view.Window;  
import android.widget.ImageButton;  
import android.widget.ImageView;  
import android.widget.RelativeLayout;  
import android.widget.TextView;  
import android.widget.Toast;  
import com.example.myapplication.Attempt\_Quiz\_Section.Tests;  
import com.example.myapplication.Create\_Quiz.create\_quiz\_main;  
import com.example.myapplication.Model.User;  
import com.example.myapplication.Results\_section.ResultsAdmin;  
import com.example.myapplication.Splash\_Activity.SplashAnimation;  
import com.example.myapplication.R;  
import com.example.myapplication.Auth\_Controller.ResetPasswordActivity;  
import com.example.myapplication.Auth\_Controller.LoginActivity;  
import com.google.android.gms.tasks.OnFailureListener;  
import com.google.android.gms.tasks.OnSuccessListener;  
import com.google.android.material.floatingactionbutton.FloatingActionButton;  
import com.google.android.material.navigation.NavigationView;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
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.StorageReference;  
import java.util.Objects;  
import de.hdodenhof.circleimageview.CircleImageView;  
  
public class MainActivity extends AppCompatActivity implements NavigationView.OnNavigationItemSelectedListener {  
  
 private FirebaseDatabase database;  
 private FirebaseAuth auth;  
 private DatabaseReference myRef;  
 public TextView USer\_email;  
 public ImageButton imageButton;  
 private StorageReference firebaseStorage;  
 private boolean isAdmin = false;  
 private TextView userID;  
 private CircleImageView imageView;  
 public CircleImageView imageView1;  
 final long ONE\_MEGABYTE = 1024 \* 1024;  
 private FloatingActionButton floatingActionButton;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
 Toolbar toolbar = findViewById(R.id.toolbar);  
 imageButton = findViewById(R.id.userImage2);  
 setSupportActionBar(toolbar);  
 imageView = findViewById(R.id.card1);  
 floatingActionButton = findViewById(R.id.chatHead);  
 auth = FirebaseAuth.getInstance();  
  
 firebaseStorage = FirebaseStorage.getInstance().getReference(Objects.requireNonNull(auth.getUid()));  
 firebaseStorage.getBytes(ONE\_MEGABYTE)  
 .addOnSuccessListener(new OnSuccessListener<byte[]>() {  
 @Override  
 public void onSuccess(byte[] bytes) {  
 Bitmap bm = BitmapFactory.decodeByteArray(bytes, 0, bytes.length);  
 DisplayMetrics dm = new DisplayMetrics();  
 getWindowManager().getDefaultDisplay().getMetrics(dm);  
 imageView.setMinimumHeight(150);  
 imageView.setMinimumWidth(150);  
 imageView.setMaxHeight(150);  
 imageView.setMaxWidth(150);  
 imageView.setScaleType(ImageView.ScaleType.CENTER\_CROP);  
 imageView.setImageBitmap(bm);  
 }  
 }).addOnFailureListener(new OnFailureListener() {  
 @Override  
 public void onFailure(@NonNull Exception e) {  
 }  
 });  
  
 imageButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 BottomSheetFragment sheetFragment = new BottomSheetFragment();  
 sheetFragment.show(getSupportFragmentManager(), sheetFragment.getTag());  
 }  
 });  
  
 auth = FirebaseAuth.getInstance();  
 database = FirebaseDatabase.getInstance();  
 myRef = database.getReference();  
  
 checkForAdmin();  
  
 DrawerLayout drawer = findViewById(R.id.drawer\_layout);  
 ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(  
 this, drawer, toolbar, R.string.navigation\_drawer\_open, R.string.navigation\_drawer\_close);  
 drawer.addDrawerListener(toggle);  
 toggle.syncState();  
  
 NavigationView navigationView = findViewById(R.id.nav\_view);  
 View header = navigationView.getHeaderView(0);  
 imageView1 = (navigationView.getHeaderView(0)).findViewById(R.id.imageView);  
 USer\_email = header.findViewById(R.id.text\_user\_name);  
 setTextOnUser();  
 navigationView.setNavigationItemSelectedListener(this);  
 userID = findViewById(R.id.text\_user\_card);  
 setUserEmail();  
 setImageOnNavHeader();  
  
 floatingActionButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(MainActivity.this, SplashAnimation.class);  
 intent.putExtra("ChatAdmin", isAdmin);  
 startActivity(intent);  
 }  
 });  
 }  
  
 public void checkForAdmin() {  
 myRef.child("admins").addListenerForSingleValueEvent(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 if (dataSnapshot.child(Objects.requireNonNull(auth.getUid()))  
 .exists() && Objects.requireNonNull(dataSnapshot.child(auth.getUid())  
 .getValue()).toString().equals("true")) {  
 isAdmin = true;  
 Toast.makeText(getApplicationContext(), "Hello Admin", Toast.LENGTH\_LONG).show();  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
 }  
 });  
 }  
  
 public void setImageOnNavHeader() {  
 firebaseStorage = FirebaseStorage.getInstance().getReference(Objects.requireNonNull(auth.getUid()));  
 firebaseStorage.getBytes(ONE\_MEGABYTE)  
 .addOnSuccessListener(new OnSuccessListener<byte[]>() {  
 @Override  
 public void onSuccess(byte[] bytes) {  
 Bitmap bm = BitmapFactory.decodeByteArray(bytes, 0, bytes.length);  
 DisplayMetrics dm = new DisplayMetrics();  
 getWindowManager().getDefaultDisplay().getMetrics(dm);  
 imageView1.setMinimumHeight(90);  
 imageView1.setMinimumWidth(90);  
 imageView1.setMaxHeight(100);  
 imageView1.setMaxWidth(100);  
 imageView1.setScaleType(ImageView.ScaleType.CENTER\_CROP);  
 imageView1.setImageBitmap(bm);  
 }  
 }).addOnFailureListener(new OnFailureListener() {  
 @Override  
 public void onFailure(@NonNull Exception e) {  
 }  
 });  
 }  
  
 @Override  
 public void onBackPressed() {  
 DrawerLayout drawer = findViewById(R.id.drawer\_layout);  
 if (drawer.isDrawerOpen(GravityCompat.START)) {  
 drawer.closeDrawer(GravityCompat.START);  
 } else {  
 super.onBackPressed();  
 }  
 }  
  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 getMenuInflater().inflate(R.menu.main, menu);  
 return true;  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 return super.onOptionsItemSelected(item);  
 }  
  
 @SuppressWarnings("")  
 @Override  
 public boolean onNavigationItemSelected(MenuItem item) {  
 int id = item.getItemId();  
  
 if (id == R.id.nav\_test) {  
 if (isNetworkAvailable(MainActivity.this)) {  
 startActivity(new Intent(MainActivity.this, Tests.class));  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 } else  
 alertNoConnection();  
 } else if (id == R.id.nav\_result) {  
 if (isNetworkAvailable(MainActivity.this)) {  
 Intent intent = new Intent(MainActivity.this, ResultsAdmin.class);  
 intent.putExtra("ISADMIN", isAdmin);  
 startActivity(intent);  
 overridePendingTransition(android.R.anim.*fade\_in*, android.R.anim.*fade\_out*);  
 } else  
 alertNoConnection();  
 } else if (id == R.id.*create\_test*) {  
 if (isAdmin && isNetworkAvailable(MainActivity.this)) {  
 startActivity(new Intent(MainActivity.this, create\_quiz\_main.class));  
 overridePendingTransition(android.R.anim.*fade\_in*, android.R.anim.*fade\_out*);  
 } else if (isNetworkAvailable(MainActivity.this))  
 Toast.*makeText*(getApplicationContext(), "You are not Admin!", Toast.*LENGTH\_SHORT*).show();  
 else  
 alertNoConnection();  
 } else if (id == R.id.*nav\_respass*) {  
 if (isNetworkAvailable(MainActivity.this)) {  
 startActivity(new Intent(MainActivity.this, ResetPasswordActivity.class));  
 overridePendingTransition(android.R.anim.*fade\_in*, android.R.anim.*fade\_out*);  
 } else  
 alertNoConnection();  
 } else if (id == R.id.*nav\_signout*) {  
 auth.signOut();  
 startActivity(new Intent(MainActivity.this, LoginActivity.class));  
 finish();  
 overridePendingTransition(android.R.anim.*fade\_in*, android.R.anim.*fade\_out*);  
 } else if (id == R.id.*nav\_details*) {  
 startActivity(new Intent(MainActivity.this, AddDetails.class));  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 } else if (id == R.id.about\_details) {  
 startActivity(new Intent(MainActivity.this, AboutUsActivity.class));  
 overridePendingTransition(android.R.anim.fade\_in, android.R.anim.fade\_out);  
 } else if (id == R.id.feedback\_id) {  
 Intent intent = new Intent(Intent.ACTION\_SEND);  
 intent.setType("message/rfc822");  
 intent.putExtra(Intent.EXTRA\_EMAIL, new String[]{"Enter your email here"});  
 intent.putExtra(Intent.EXTRA\_SUBJECT, "Regarding Your Test or Application Feedback");  
 intent.putExtra(Intent.EXTRA\_TEXT, "Put your subject here!");  
 try {  
 startActivity(Intent.createChooser(intent, "Send mail..."));  
 } catch (android.content.ActivityNotFoundException ex) {  
 Toast.makeText(getApplicationContext(), "There are no email clients installed.", Toast.LENGTH\_SHORT).show();  
 }  
 }  
  
 DrawerLayout drawer = findViewById(R.id.drawer\_layout);  
 drawer.closeDrawer(GravityCompat.START);  
 return true;  
 }  
  
 public void setUserEmail() {  
 DatabaseReference mDatabase;  
 FirebaseAuth auth;  
 mDatabase = FirebaseDatabase.getInstance().getReference();  
 auth = FirebaseAuth.getInstance();  
 mDatabase.child("users").child(Objects.requireNonNull(auth.getUid()))  
 .addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 if (dataSnapshot.exists()) {  
 User user = dataSnapshot.getValue(User.class);  
 String temp = "Hey " + user.name + " what's up!";  
 userID.setText(temp);  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
 }  
 });  
 }  
  
 public void setTextOnUser() {  
 FirebaseUser usero = FirebaseAuth.getInstance().getCurrentUser();  
 USer\_email.setText(Objects.requireNonNull(usero).getEmail());  
 }  
  
 public boolean isNetworkAvailable(Context context) {  
 ConnectivityManager connectivityManager = ((ConnectivityManager) context  
 .getSystemService(Context.CONNECTIVITY\_SERVICE));  
 return connectivityManager.getActiveNetworkInfo() != null  
 && connectivityManager.getActiveNetworkInfo().isConnected();  
 }  
  
 public void alertNoConnection() {  
 Dialog builder = new Dialog(this);  
 builder.requestWindowFeature(Window.FEATURE\_NO\_TITLE);  
 builder.getWindow().setBackgroundDrawable(  
 new ColorDrawable(android.graphics.Color.TRANSPARENT));  
 builder.setOnDismissListener(new DialogInterface.OnDismissListener() {  
 @Override  
 public void onDismiss(DialogInterface dialogInterface) {  
 }  
 });  
  
 ImageView imageView = new ImageView(this);  
 imageView.setImageResource(R.drawable.nowifi);  
 builder.addContentView(imageView, new RelativeLayout.LayoutParams(  
 400,  
 400));  
 builder.show();  
 }  
}

<?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="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:theme="@style/Theme.MyApplication.AppBarOverlay">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?android:attr/actionBarSize"  
 android:background="?android:attr/colorPrimary"  
 app:popupTheme="@style/Theme.MyApplication.PopupOverlay" />  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <FrameLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <androidx.viewpager2.widget.ViewPager2  
 android:id="@+id/discrete"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_above="@id/linearLayout"/>  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <LinearLayout  
 android:id="@+id/linearLayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:padding="5dp"  
 android:orientation="horizontal">  
 <Button  
 style="?android:attr/buttonBarButtonStyle"  
 android:layout\_marginEnd="5dp"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:textColor="#ffff"  
 android:layout\_weight="1"  
 android:id="@+id/prev"  
 android:background="@drawable/circular\_coloured\_button"/>  
  
 <Button  
 style="?android:attr/buttonBarButtonStyle"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:textColor="#ffff"  
 android:layout\_weight="1"  
 android:id="@+id/next"  
 android:background="@drawable/circular\_coloured\_button"/>  
 </LinearLayout>  
 </RelativeLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="top|center\_horizontal"  
 android:gravity="center\_horizontal"  
 android:id="@+id/index\_layout"  
 android:layout\_marginTop="?android:attr/actionBarSize"  
 android:orientation="vertical"  
 android:visibility="gone">  
 <GridView  
 android:id="@+id/pop\_grid"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:numColumns="4">  
 </GridView>  
 </LinearLayout>  
 </FrameLayout>  
  
</RelativeLayout>

<?xml version="1.0" encoding="utf-8"?>  
<androidx.coordinatorlayout.widget.CoordinatorLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto">  
  
  
 <include layout="@layout/content\_create\_quiz" />  
  
 <RelativeLayout  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:layout\_gravity="end|bottom">  
 <androidx.cardview.widget.CardView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="120dp"  
 android:id="@+id/nextfab"  
 android:visibility="visible"  
 app:cardElevation="10dp"  
 app:cardCornerRadius="5dp"  
 app:cardBackgroundColor="@color/colorPrimaryDark"  
 android:layout\_margin="20dp">  
  
 <TextView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:layout\_margin="10dp"  
 android:text="Next"  
 android:layout\_gravity="center"  
 android:textColor="@android:color/black"/>  
 </androidx.cardview.widget.CardView>  
 </RelativeLayout>  
  
 <RelativeLayout  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:layout\_gravity="start|bottom">  
 <androidx.cardview.widget.CardView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="120dp"  
 android:id="@+id/pre\_card"  
 android:visibility="invisible"  
 app:cardElevation="10dp"  
 app:cardCornerRadius="5dp"  
 app:cardBackgroundColor="@color/colorPrimaryDark"  
 android:layout\_margin="20dp">  
 <TextView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:layout\_margin="10dp"  
 android:layout\_gravity="center"  
 android:text="Previous"  
 android:textColor="@android:color/black"/>  
 </androidx.cardview.widget.CardView>  
 </RelativeLayout>  
  
 <RelativeLayout  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:layout\_gravity="start|bottom">  
 <androidx.cardview.widget.CardView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="120dp"  
 android:id="@+id/update\_card"  
 android:visibility="invisible"  
 app:cardElevation="10dp"  
 app:cardCornerRadius="5dp"  
 app:cardBackgroundColor="@color/colorPrimaryDark"  
 android:layout\_margin="20dp">  
 <TextView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:layout\_margin="10dp"  
 android:layout\_gravity="center"  
 android:text="Previous"  
 android:textColor="@android:color/black"/>  
 </androidx.cardview.widget.CardView>  
 </RelativeLayout>  
  
  
 <RelativeLayout  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:layout\_gravity="end">  
 <androidx.cardview.widget.CardView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:id="@+id/fab2"  
 android:visibility="visible"  
 app:cardElevation="10dp"  
 app:cardCornerRadius="5dp"  
 app:cardBackgroundColor="@color/colorPrimaryDark"  
 android:layout\_margin="20dp">  
 <TextView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:layout\_margin="10dp"  
 android:layout\_gravity="center"  
 android:text="Save and upload"  
 android:textColor="@android:color/black"/>  
 </androidx.cardview.widget.CardView>  
 </RelativeLayout>  
  
</androidx.coordinatorlayout.widget.CoordinatorLayout>

<?xml version="1.0" encoding="utf-8"?>  
<ScrollView  
 android:layout\_height="match\_parent"  
 android:layout\_width="match\_parent"  
 xmlns:android="http://schemas.android.com/apk/res/android">  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:theme="@style/Theme.AppCompat.Light.NoActionBar"  
 android:layout\_height="match\_parent">  
  
 <!-- Add Toolbar -->  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:background="?attr/colorPrimary"  
 app:popupTheme="@style/ThemeOverlay.AppCompat.Light" />  
  
 <androidx.appcompat.widget.AppCompatTextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/Sign\_in\_login"  
 android:id="@+id/textview1"  
 android:fontFamily="@font/lato\_black"  
 android:textColor="#366ce0"  
 android:textSize="25sp"  
 android:layout\_marginStart="40dp"  
 android:gravity="center"  
 android:layout\_marginTop="180dp">  
 </androidx.appcompat.widget.AppCompatTextView>  
  
 <View  
 android:id="@+id/View1"  
 android:layout\_width="80dp"  
 android:layout\_height="7dp"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="10dp"  
 android:background="#366ce0"  
 android:elevation="10dp"  
 android:layout\_alignStart="@id/textview1"  
 android:layout\_below="@+id/textview1">  
 </View>  
  
 <androidx.cardview.widget.CardView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/card2"  
 android:visibility="visible"  
 android:layout\_marginTop="30dp"  
 android:layout\_below="@id/View1"  
 android:padding="20dp"  
 app:cardUseCompatPadding="true"  
 app:cardElevation="7dp"  
 android:background="@drawable/circular\_card"  
 app:cardCornerRadius="7dp">  
  
 <androidx.appcompat.widget.LinearLayoutCompat  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <androidx.appcompat.widget.AppCompatTextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/e\_mail\_text\_view\_login"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_marginStart="20dp"  
 android:textSize="20sp"  
 android:textStyle="bold">  
 </androidx.appcompat.widget.AppCompatTextView>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <EditText  
 android:id="@+id/email"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="10dp"  
 android:fontFamily="@font/lato\_bold"  
 android:maxLines="1"  
 android:singleLine="true"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:hint="@string/hint\_email"  
 android:inputType="textEmailAddress"  
 android:textColor="@android:color/black"  
 android:textColorHint="@android:color/white" />  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <androidx.appcompat.widget.AppCompatTextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/e\_mail\_text\_view\_pass"  
 android:layout\_marginStart="20dp"  
 android:fontFamily="@font/lato\_black"  
 android:textSize="20sp"  
 android:textStyle="bold">  
 </androidx.appcompat.widget.AppCompatTextView>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <EditText  
 android:id="@+id/password"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="10dp"  
 android:hint="@string/hint\_password"  
 android:fontFamily="@font/lato\_bold"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:inputType="textPassword"  
 android:textColor="@android:color/black"  
 android:textColorHint="@android:color/black" />  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <androidx.appcompat.widget.AppCompatCheckBox  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/radio1"  
 android:text="@string/remember\_me"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_marginStart="20dp"  
 android:textStyle="normal"  
 android:textSize="15sp"  
 android:textColor="#366ce0">  
 </androidx.appcompat.widget.AppCompatCheckBox>  
  
 <Button  
 android:id="@+id/btn\_reset\_password"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="0dp"  
 android:layout\_marginEnd="10dp"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_gravity="end"  
 android:background="@null"  
 android:text="@string/btn\_forgot\_password"  
 android:textAllCaps="false"  
 android:textColor="@color/colorAccent" />  
  
 <Button  
 android:id="@+id/btn\_login"  
 android:layout\_width="150dp"  
 android:layout\_gravity="center"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="5dp"  
 android:fontFamily="@font/lato\_black"  
 android:background="@drawable/button\_circular"  
 android:text="@string/btn\_login"  
 android:gravity="center"  
 android:elevation="2dp"  
 android:textColor="#ffff" />  
  
 <Button  
 android:id="@+id/btn\_signup"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dip"  
 android:background="@drawable/circular\_coloured\_button"  
 android:text="@string/btn\_link\_to\_register"  
 android:fontFamily="@font/lato\_black"  
 android:textAllCaps="false"  
 android:textColor="@color/fui\_linkColor"  
 android:textSize="15sp" />  
  
 </androidx.appcompat.widget.LinearLayoutCompat>  
  
 </androidx.cardview.widget.CardView>  
  
 <!-- Add ProgressBar -->  
 <ProgressBar  
 android:id="@+id/loader1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:visibility="gone" />  
  
 </RelativeLayout>  
</ScrollView>

<?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:fitsSystemWindows="true">  
  
 <include  
 layout="@layout/app\_bar\_main"  
 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\_main"  
 app:menu="@menu/activity\_main\_drawer" />  
  
</androidx.drawerlayout.widget.DrawerLayout>

<?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"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:theme="@style/Theme.AppCompat.Light.NoActionBar"  
 android:layout\_gravity="center"  
 android:background="#ffff"  
 android:fitsSystemWindows="true">  
  
 <LinearLayout  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="30dp"  
 android:gravity="center"  
 android:orientation="vertical"  
 android:padding="@dimen/activity\_horizontal\_margin">  
  
 <ImageView  
 android:contentDescription="USER\_IMAGE"  
 android:layout\_width="@dimen/logo\_w\_h"  
 android:layout\_height="@dimen/logo\_w\_h"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginBottom="10dp"  
 android:src="@drawable/forget\_pass" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:fontFamily="@font/lato\_bolditalic"  
 android:padding="10dp"  
 android:text="@string/lbl\_forgot\_password"  
 android:textColor="@android:color/holo\_blue\_light"  
 android:textSize="20sp" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="10dp"  
 android:gravity="center\_horizontal"  
 android:fontFamily="@font/lato\_black"  
 android:padding="@dimen/activity\_horizontal\_margin"  
 android:text="@string/forgot\_password\_msg"  
 android:textColor="@android:color/black"  
 android:textSize="14sp" />  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <EditText  
 android:id="@+id/email"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="10dp"  
 android:layout\_marginTop="20dp"  
 android:focusable="true"  
 android:fontFamily="@font/lato\_light"  
 android:hint="@string/hint\_email"  
 android:inputType="textEmailAddress"  
 android:textColor="@android:color/black"  
 android:textColorHint="@android:color/white" />  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <!-- Login Button -->  
  
 <Button  
 android:id="@+id/btn\_reset\_password"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dip"  
 android:background="@drawable/button\_circular"  
 android:fontFamily="@font/lato\_black"  
 android:text="@string/btn\_reset\_password"  
 android:textColor="#ffff" />  
  
 <Button  
 android:id="@+id/btn\_back"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:background="@drawable/button\_circular"  
 android:fontFamily="@font/lato\_black"  
 android:text="@string/btn\_back"  
 android:textColor="#ffff" />  
  
 <ProgressBar  
 android:id="@+id/progressBar"  
 android:layout\_width="30dp"  
 android:layout\_height="30dp"  
 android:layout\_gravity="center|bottom"  
 android:layout\_marginBottom="20dp"  
 android:visibility="gone">  
 </ProgressBar>  
  
 </LinearLayout>  
  
</RelativeLayout>

<?xml version="1.0" encoding="utf-8"?>  
<ScrollView  
 android:layout\_height="match\_parent"  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent">  
  
 <RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:theme="@style/Theme.AppCompat.Light.NoActionBar"  
 android:orientation="vertical"  
 android:background="#ededed"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <androidx.appcompat.widget.AppCompatTextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/Sign\_in\_signup"  
 android:id="@+id/textview3"  
 android:fontFamily="@font/lato\_black"  
 android:textColor="#366ce0"  
 android:textSize="25sp"  
 android:layout\_marginStart="40dp"  
 android:gravity="center"  
 android:layout\_marginTop="180dp">  
 </androidx.appcompat.widget.AppCompatTextView>  
  
 <View  
 android:id="@+id/View2"  
 android:layout\_width="80dp"  
 android:layout\_height="7dp"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="10dp"  
 android:background="#366ce0"  
 android:elevation="10dp"  
 android:layout\_alignStart="@id/textview3"  
 android:layout\_below="@+id/textview3">  
 </View>  
  
 <androidx.cardview.widget.CardView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/card3"  
 android:visibility="visible"  
 android:layout\_marginTop="30dp"  
 android:layout\_below="@id/View2"  
 android:padding="20dp"  
 app:cardUseCompatPadding="true"  
 app:cardElevation="7dp"  
 android:background="@drawable/circular\_card"  
 app:cardCornerRadius="7dp">  
  
 <androidx.appcompat.widget.LinearLayoutCompat  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <androidx.appcompat.widget.AppCompatTextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/e\_mail\_text\_view\_login"  
 android:layout\_marginStart="20dp"  
 android:fontFamily="@font/lato\_black"  
 android:textSize="20sp"  
 android:textStyle="bold">  
 </androidx.appcompat.widget.AppCompatTextView>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <EditText  
 android:id="@+id/email"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="@string/email"  
 android:inputType="textEmailAddress"  
 android:fontFamily="@font/lato\_bold"  
 android:maxLines="1"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:singleLine="true"  
 android:textColor="@android:color/black" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <androidx.appcompat.widget.AppCompatTextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/e\_mail\_text\_view\_pass"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_marginStart="20dp"  
 android:textSize="20sp"  
 android:textStyle="bold">  
 </androidx.appcompat.widget.AppCompatTextView>  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <EditText  
 android:id="@+id/password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:fontFamily="@font/lato\_bold"  
 android:focusableInTouchMode="true"  
 android:hint="@string/hint\_password"  
 android:inputType="textPassword"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:maxLines="1"  
 android:singleLine="true"  
 android:textColor="@android:color/black" />  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
 <Button  
 android:id="@+id/sign\_up\_button"  
 style="?android:textAppearanceSmall"  
 android:layout\_width="150dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:gravity="center"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_marginTop="15dp"  
 android:background="@drawable/button\_circular"  
 android:text="@string/action\_sign\_in\_btn"  
 android:textColor="@android:color/black"  
 android:textStyle="bold" />  
  
 <Button  
 android:id="@+id/btn\_reset\_password"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dip"  
 android:fontFamily="@font/lato\_black"  
 android:background="@null"  
 android:text="@string/btn\_forgot\_password"  
 android:textAllCaps="false"  
 android:textColor="#f2fe71"  
 android:visibility="gone"/>  
  
 <Button  
 android:id="@+id/sign\_in\_button"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_gravity="center"  
 android:background="@drawable/circular\_coloured\_button"  
 android:text="@string/btn\_link\_to\_login"  
 android:textAllCaps="false"  
 android:padding="2dp"  
 android:textColor="@color/white"  
 android:textSize="12sp" />  
  
 </androidx.appcompat.widget.LinearLayoutCompat>  
  
 </androidx.cardview.widget.CardView>  
  
 <ProgressBar  
 android:id="@+id/loader1"  
 android:layout\_width="30dp"  
 android:layout\_height="30dp"  
 android:layout\_gravity="center|bottom"  
 android:layout\_marginBottom="20dp"  
 android:visibility="gone">  
 </ProgressBar>  
  
 </RelativeLayout>  
  
</ScrollView>

<?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"  
 style="@style/Theme.MyApplication"  
 android:id="@+id/lin\_lay"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/colorPrimary"  
 android:layout\_gravity="center"  
 android:orientation="vertical">  
  
  
 <TextView  
 android:id="@+id/textView2"  
 style="@android:style/Widget.DeviceDefault.Light.TextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="96dp"  
 android:fontFamily="@font/lato\_italic"  
 android:text="Welcome to Quizzer!"  
 android:textColor="@android:color/black"  
 android:textSize="30sp"  
 android:textStyle="normal"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <ImageView  
 android:id="@+id/imageView2"  
 android:layout\_width="215dp"  
 android:layout\_height="254dp"  
 android:layout\_marginTop="16dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView2"  
 app:layout\_constraintVertical\_bias="0.214"  
 app:srcCompat="@drawable/ic\_appicon"  
 android:visibility="visible"/>  
  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

<?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="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:theme="@style/Theme.MyApplication.AppBarOverlay">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?android:attr/actionBarSize"  
 android:background="?android:attr/colorPrimary"  
 app:popupTheme="@style/Theme.MyApplication.PopupOverlay" />  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <ProgressBar  
 android:id="@+id/loader1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:visibility="gone" />  
  
 <ListView  
 android:id="@+id/test\_listview"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@id/appbar"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginBottom="16dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginEnd="16dp"  
 android:divider="@android:color/darker\_gray"  
 android:dividerHeight="1dp" />  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/download\_card"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/test\_listview"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginBottom="16dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginEnd="16dp"  
 app:cardCornerRadius="8dp"  
 app:cardElevation="4dp">  
  
  
 </androidx.cardview.widget.CardView>  
  
</RelativeLayout>

<?xml version="1.0" encoding="utf-8"?>  
<androidx.coordinatorlayout.widget.CoordinatorLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:id="@+id/layout\_settings"  
 android:layout\_width="match\_parent"  
 tools:context=".View.AddDetails"  
 android:background="#ffff"  
 android:layout\_height="match\_parent">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:fitsSystemWindows="true"  
 android:layout\_weight="0">  
  
 <androidx.appcompat.widget.Toolbar  
 android:layout\_width="match\_parent"  
 android:id="@+id/toolbar1"  
 app:navigationIcon="@drawable/ic\_keyboard\_arrow\_left\_black\_24dp"  
 app:popupTheme="@style/Theme.MyApplication.PopupOverlay"  
 android:layout\_height="?attr/actionBarSize">  
  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="1"  
 android:background="#e6e6e6">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:background="#ffffff">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_marginTop="17.5dp"  
 android:layout\_marginBottom="16.5dp"  
 android:layout\_marginEnd="23dp"  
 android:layout\_marginStart="10dp"  
 android:gravity="center\_vertical">  
  
 <RelativeLayout  
 android:layout\_width="@dimen/logo\_w\_h"  
 android:layout\_height="@dimen/logo\_w\_h"  
 android:background="@drawable/icon1">  
  
 <ImageView  
 android:id="@+id/userImage"  
 android:contentDescription="USER IMAGE"  
 android:clickable="true"  
 android:layout\_width="@dimen/logo\_w\_h"  
 android:layout\_height="@dimen/logo\_w\_h"  
 android:scaleType="centerCrop" />  
  
 <ImageView  
 android:contentDescription="camera"  
 android:layout\_width="31.5dp"  
 android:layout\_height="31.5dp"  
 android:background="@drawable/ic\_camera\_black\_24dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"/>  
  
 </RelativeLayout>  
  
 <LinearLayout  
 android:baselineAligned="false"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_vertical"  
 android:gravity="center\_vertical"  
 android:layout\_marginStart="26.5dp"  
 android:orientation="horizontal">  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="16dp"  
 android:layout\_weight="1">  
  
 <EditText  
 android:id="@+id/Name\_details"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:fontFamily="@font/lato\_black"  
 android:focusable="true"  
 android:focusableInTouchMode="true"  
 android:textStyle="bold"  
 android:hint="Enter your enrollment-id"  
 android:imeOptions="actionDone"  
 android:maxLines="1"  
 android:inputType="text"  
 android:textSize="15sp"/>  
  
 </com.google.android.material.textfield.TextInputLayout>  
  
 </LinearLayout>  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:paddingTop="21dp"  
 android:paddingBottom="16dp"  
 android:gravity="center"  
 android:paddingStart="21dp"  
 android:paddingEnd="20dp"  
 android:background="#e6e6e6">  
  
 <TextView  
 android:layout\_width="0dp"  
 android:layout\_height="24dp"  
 android:layout\_weight="1"  
 android:layout\_gravity="center\_vertical"  
 android:gravity="center"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_marginEnd="16dp"  
 android:text="Personal Details"  
 android:textColor="#1b1d1d"  
 android:textSize="20sp"  
 android:textStyle="bold"/>  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/linear\_layout\_notifications"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingTop="13.5dp"  
 android:paddingBottom="13.5dp"  
 android:paddingLeft="20dp"  
 android:paddingRight="20dp"  
 android:gravity="center\_vertical"  
 android:orientation="horizontal">  
  
 <TextView  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_marginEnd="16dp"  
 android:layout\_weight="1"  
 android:gravity="center\_vertical"  
 android:text="Semester"  
 android:textColor="#1b1d1d"  
 android:textSize="15sp"/>  
  
 <Spinner  
 android:id="@+id/Sem\_spinner"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1" />  
  
 </LinearLayout>  
  
 <View  
 android:layout\_width="match\_parent"  
 android:layout\_height="1dp"  
 android:background="#e6e6e6" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingTop="13.5dp"  
 android:paddingBottom="13.5dp"  
 android:paddingLeft="20dp"  
 android:paddingRight="20dp"  
 android:gravity="center\_vertical"  
 android:orientation="horizontal">  
  
 <TextView  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_marginEnd="16dp"  
 android:layout\_weight="1"  
 android:gravity="center\_vertical"  
 android:text="Branch"  
 android:textColor="#1b1d1d"  
 android:textSize="15sp"/>  
  
 <Spinner  
 android:id="@+id/Branch\_spinner"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/linear\_layout\_do\_not\_disturb"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <View  
 android:layout\_width="match\_parent"  
 android:layout\_height="1dp"  
 android:background="#e6e6e6" />  
  
 <LinearLayout  
 android:id="@+id/linear\_layout\_notifications\_do\_not\_disturb\_from"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:paddingTop="16dp"  
 android:paddingBottom="16dp"  
 android:paddingLeft="20dp"  
 android:paddingRight="20dp">  
  
 <TextView  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="Section"  
 android:textColor="#1b1d1d"  
 android:textSize="14sp" />  
  
 <Spinner  
 android:id="@+id/Sect\_spinner"  
 android:layout\_width="2dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1" />  
  
 </LinearLayout>  
  
 <View  
 android:layout\_width="match\_parent"  
 android:layout\_height="1dp"  
 android:background="#e6e6e6" />  
  
  
  
 </LinearLayout>  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:paddingTop="21dp"  
 android:layout\_gravity="center"  
 android:gravity="center"  
 android:paddingBottom="16dp"  
 android:paddingStart="21dp"  
 android:paddingEnd="20dp"  
 android:background="#e6e6e6">  
  
 <Button  
 android:id="@+id/update\_button"  
 style="?android:textAppearanceSmall"  
 android:padding="0dp"  
 android:layout\_width="wrap\_content"  
 android:gravity="center"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="0dp"  
 android:background="@drawable/button\_circular"  
 android:text="Update"  
 android:fontFamily="@font/lato\_black"  
 android:textColor="#ffff"  
 android:textStyle="bold" />  
  
 </LinearLayout>  
  
 <View  
 android:layout\_width="match\_parent"  
 android:layout\_height="17.5dp"  
 android:background="#e6e6e6" />  
  
 <ProgressBar  
 android:id="@+id/progressBar"  
 android:layout\_width="30dp"  
 android:layout\_height="30dp"  
 android:layout\_gravity="center|bottom"  
 android:layout\_marginBottom="20dp"  
 android:visibility="gone" />  
  
 </LinearLayout>  
  
 </ScrollView>  
  
 </LinearLayout>  
  
</androidx.coordinatorlayout.widget.CoordinatorLayout>

<?xml version="1.0" encoding="utf-8"?>  
<FrameLayout  
 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=".View.MainActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:theme="@style/Theme.MyApplication.AppBarOverlay">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?android:attr/actionBarSize"  
 android:background="?android:attr/colorPrimary"  
 app:popupTheme="@style/Theme.MyApplication.PopupOverlay">  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="end"  
 android:layout\_marginEnd="15dp">  
  
 <ImageButton  
 android:id="@+id/userImage2"  
 android:contentDescription="App rules and Usages!"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/ic\_info\_black\_24dp"  
 android:background="@color/colorPrimary"  
 android:tooltipText="App rules and Usages!"  
 android:paddingEnd="10dp"  
 android:scaleType="fitCenter"  
 android:layout\_gravity="center\_horizontal">  
  
 </ImageButton>  
  
 </LinearLayout>  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <include layout="@layout/content\_main" />  
  
  
  
</FrameLayout>

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:background="@android:color/white"  
 android:layout\_gravity="center"  
 android:orientation="vertical">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:theme="@style/Theme.MyApplication.AppBarOverlay"  
 android:id="@+id/tooltst">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbartst"  
 app:navigationIcon="@drawable/ic\_keyboard\_arrow\_left\_black\_24dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?android:attr/actionBarSize"  
 android:background="?android:attr/colorPrimary"  
 app:popupTheme="@style/Theme.MyApplication.PopupOverlay">  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <TableLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TableRow  
 android:id="@+id/tableRow1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:gravity="center" >  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:text="Student Details"  
 android:fontFamily="@font/lato\_black"  
 android:textColor="@color/bg\_main"  
 android:textSize="14sp"  
 android:textStyle="bold" />  
 </TableRow>  
 </TableLayout>  
  
 <TableLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TableRow  
 android:layout\_height="match\_parent"  
 android:layout\_width="wrap\_content"  
 android:paddingBottom="15dp"  
 android:paddingTop="15dp"  
 android:gravity="center">  
  
 <de.hdodenhof.circleimageview.CircleImageView  
 android:id="@+id/USERIMAGE"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp"  
 android:src="@drawable/user">  
  
 </de.hdodenhof.circleimageview.CircleImageView>  
 </TableRow>  
 </TableLayout>  
  
  
  
 <TableRow  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingStart="20dp"  
 android:paddingEnd="20dp">  
  
 <TextView  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@color/bg\_main"  
 android:text="StudentID"  
 android:fontFamily="@font/lato\_black"  
 android:padding="5dp"  
 android:textSize="14sp"  
 android:textColor="@android:color/white"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/StudentID"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@color/colorAccent"  
 android:fontFamily="@font/lato\_bold"  
 android:text="Details not added yet"  
 android:padding="5dp"  
 android:textSize="14sp"  
 android:textColor="@android:color/white"  
 android:textStyle="bold" />  
 </TableRow>  
  
 <TableRow  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingStart="20dp"  
 android:paddingEnd="20dp">  
  
 <TextView  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@color/bg\_main"  
 android:fontFamily="@font/lato\_black"  
 android:text="Semester"  
 android:padding="5dp"  
 android:textSize="14sp"  
 android:textColor="@android:color/white"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/SemID"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@color/colorAccent"  
 android:fontFamily="@font/lato\_bold"  
 android:text="Details not added yet"  
 android:padding="5dp"  
 android:textSize="14sp"  
 android:textColor="@android:color/white"  
 android:textStyle="bold" />  
 </TableRow>  
  
 <TableRow  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingStart="20dp"  
 android:paddingEnd="20dp">  
  
 <TextView  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:fontFamily="@font/lato\_black"  
 android:background="@color/bg\_main"  
 android:text="Branch"  
 android:padding="5dp"  
 android:textSize="14sp"  
 android:textColor="@android:color/white"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/Branchid"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@color/colorAccent"  
 android:fontFamily="@font/lato\_bold"  
 android:text="Details not added yet"  
 android:padding="5dp"  
 android:textSize="14sp"  
 android:textColor="@android:color/white"  
 android:textStyle="bold" />  
 </TableRow>  
  
 <TableRow  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingStart="20dp"  
 android:paddingEnd="20dp">  
  
 <TextView  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@color/bg\_main"  
 android:fontFamily="@font/lato\_black"  
 android:text="Section"  
 android:padding="5dp"  
 android:textSize="14sp"  
 android:textColor="@android:color/white"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/SectionID"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@color/colorAccent"  
 android:fontFamily="@font/lato\_bold"  
 android:text="Details not added yet"  
 android:padding="5dp"  
 android:textSize="14sp"  
 android:textColor="@android:color/white"  
 android:textStyle="bold" />  
 </TableRow>  
  
 <TableLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content" >  
  
 <TableRow  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:gravity="center" >  
  
 <TextView  
 android:id="@+id/this\_Section"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:text="This test marks is: "  
 android:fontFamily="@font/lato\_black"  
 android:textColor="@color/bg\_main"  
 android:textSize="14sp"  
 android:textStyle="bold" />  
 </TableRow>  
  
 </TableLayout>  
  
</LinearLayout>

<?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="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin">  
  
  
 <ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/scrollView"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:fillViewport="true">  
  
 <LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:weightSum="1"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true">  
  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="20dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/textView3"  
 android:fontFamily="@font/lato\_black"  
 android:text="QUESTION"  
 android:textSize="30sp"  
 android:layout\_marginEnd="20dip"/>  
  
 <TextView  
 android:layout\_width="156dp"  
 android:layout\_height="wrap\_content"  
 android:fontFamily="@font/lato\_black"  
 android:id="@+id/questionNumber"  
 android:layout\_marginEnd="291dp"  
 android:text="1"  
 android:textSize="30sp"/>  
  
 </LinearLayout>  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"  
 android:id="@+id/questionView"  
 android:fontFamily="@font/lato\_blackitalic"  
 android:layout\_marginBottom="30sp"  
 android:hint="Type your question here" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="30dp"  
 android:weightSum="1">  
 <RadioButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="A"  
 android:id="@+id/aRadio" />  
  
 <EditText  
 android:inputType="text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:fontFamily="@font/lato\_blackitalic"  
 android:hint="OPTION A"  
 android:id="@+id/aText"  
 android:layout\_marginStart="20sp" />  
  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="30sp"  
 android:weightSum="1">  
  
  
 <RadioButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="B"  
 android:id="@+id/bRadio" />  
  
 <EditText  
 android:inputType="text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="OPTION B"  
 android:fontFamily="@font/lato\_blackitalic"  
 android:id="@+id/bText"  
 android:layout\_marginStart="20sp" />  
  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="30sp"  
 android:weightSum="1">  
 <RadioButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="C"  
 android:id="@+id/cRadio" />  
  
 <EditText  
 android:inputType="text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="OPTION C"  
 android:fontFamily="@font/lato\_blackitalic"  
 android:id="@+id/cText"  
 android:layout\_marginStart="20sp" />  
  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="30sp"  
 android:weightSum="1">  
  
 <RadioButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="D"  
 android:id="@+id/dRadio" />  
  
 <EditText  
 android:inputType="text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="OPTION D"  
 android:fontFamily="@font/lato\_blackitalic"  
 android:id="@+id/dText"  
 android:layout\_marginStart="20sp" />  
 </LinearLayout>  
  
 </LinearLayout>  
</ScrollView>  
</RelativeLayout>

<?xml version="1.0" encoding="utf-8"?>  
<androidx.coordinatorlayout.widget.CoordinatorLayout  
 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"  
 app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"  
 android:layout\_gravity="center"  
 android:orientation="vertical"  
 tools:context=".View.MainActivity"  
 tools:showIn="@layout/app\_bar\_main"  
 android:layout\_marginTop="?android:attr/actionBarSize">  
  
  
 <androidx.appcompat.widget.LinearLayoutCompat  
 android:id="@+id/li1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="288dp"  
 android:orientation="vertical">  
  
 <androidx.cardview.widget.CardView  
 android:layout\_width="match\_parent"  
 android:layout\_height="230dp"  
 android:layout\_gravity="center\_horizontal|center"  
 android:background="@drawable/circular\_card"  
 android:backgroundTint="@android:color/holo\_blue\_light">  
  
  
 <de.hdodenhof.circleimageview.CircleImageView  
 android:id="@+id/card1"  
 android:layout\_width="180dp"  
 android:layout\_height="180dp"  
 android:layout\_gravity="center\_horizontal"  
 android:paddingTop="25dp"  
 android:scaleType="centerCrop"  
 android:src="@drawable/icon1">  
  
 </de.hdodenhof.circleimageview.CircleImageView>  
  
 </androidx.cardview.widget.CardView>  
  
 <TextView  
 android:id="@+id/text\_user\_card"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:fontFamily="@font/lato\_black"  
 android:padding="7dp"  
 android:gravity="center"  
 android:text="@string/Welcome"  
 android:textAllCaps="true"  
 android:textColor="@color/fui\_bgGitHub"  
 android:textSize="15sp" />  
  
  
 </androidx.appcompat.widget.LinearLayoutCompat>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:layout\_marginTop="50dp"  
 app:layout\_anchorGravity="bottom"  
 android:layout\_gravity="bottom"  
 android:visibility="gone"  
 app:layout\_anchor="@id/li1">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:text="Recent Activities"  
 android:textColor="@android:color/holo\_red\_light"  
 android:fontFamily="@font/lato\_black"  
 android:textSize="20sp">  
  
 </TextView>  
  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="10"  
 android:orientation="vertical"  
 android:id="@+id/recent\_activity\_list"  
 android:divider="@null"  
 android:dividerHeight="0dp">  
  
 </androidx.recyclerview.widget.RecyclerView>  
 </LinearLayout>  
  
 <com.google.android.material.floatingactionbutton.FloatingActionButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="40dp"  
 android:id="@+id/chatHead"  
 android:layout\_marginEnd="17dp"  
 android:backgroundTint="#ffff"  
 android:src="@drawable/chat"  
 app:icon="@drawable/chat"  
 android:background="@drawable/circular\_coloured\_button"  
 android:tint="@android:color/black"  
 android:scaleType="center"  
 app:fabSize="normal"  
 app:maxImageSize="56dp"  
 android:elevation="10dp"  
 android:layout\_gravity="bottom|end">  
  
 </com.google.android.material.floatingactionbutton.FloatingActionButton>  
  
  
</androidx.coordinatorlayout.widget.CoordinatorLayout>

<?xml version="1.0" encoding="utf-8"?>  
<androidx.coordinatorlayout.widget.CoordinatorLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:fitsSystemWindows="true">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:theme="@style/Theme.MyApplication.AppBarOverlay"  
 android:id="@+id/tooltst">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbartst"  
 app:navigationIcon="@drawable/ic\_keyboard\_arrow\_left\_black\_24dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?android:attr/actionBarSize"  
 android:background="?android:attr/colorPrimary"  
 app:popupTheme="@style/Theme.MyApplication.PopupOverlay">  
 </androidx.appcompat.widget.Toolbar>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
  
 <com.google.android.material.floatingactionbutton.FloatingActionButton  
 android:id="@+id/fab"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="bottom|end"  
 android:layout\_margin="@dimen/fab\_margin"  
 android:background="#ff5252"  
 android:visibility="visible"  
 android:backgroundTint="#ff5252"  
 android:src="@android:drawable/ic\_menu\_add" />  
  
</androidx.coordinatorlayout.widget.CoordinatorLayout>

<?xml version="1.0" encoding="utf-8"?>  
<FrameLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginTop="?android:attr/actionBarSize">  
  
  
 <ListView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/test\_listview"  
 android:divider="@android:color/transparent"  
 android:dividerHeight="0dp">  
  
 </ListView>  
  
 <RelativeLayout  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:layout\_gravity="end|bottom">  
  
 <androidx.cardview.widget.CardView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:id="@+id/download\_card"  
 android:visibility="invisible"  
 app:cardElevation="10dp"  
 app:cardCornerRadius="5dp"  
 app:cardBackgroundColor="@color/colorPrimaryDark"  
 android:layout\_margin="20dp">  
  
 <TextView  
 android:layout\_height="wrap\_content"  
 android:layout\_width="wrap\_content"  
 android:layout\_margin="10dp"  
 android:text="Download"  
 android:textColor="@android:color/white"/>  
 </androidx.cardview.widget.CardView>  
 </RelativeLayout>  
  
  
  
</FrameLayout>

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:id="@+id/layout\_root"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="fill\_parent"  
 android:orientation="vertical"  
 android:padding="10dp" >  
  
 <TextView  
 android:id="@+id/textView1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:fontFamily="@font/lato\_black"  
 android:text="Save test "  
 android:textAppearance="?android:attr/textAppearanceLarge" />  
  
 <EditText  
 android:id="@+id/editTextDialogUserInput"  
 android:layout\_width="match\_parent"  
 android:fontFamily="@font/lato\_bold"  
 android:layout\_height="wrap\_content" >  
  
 <requestFocus />  
  
 </EditText>  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:hint="Test Name"  
 android:fontFamily="@font/lato\_black"  
 android:text="Specify Time"  
 android:textAppearance="?android:attr/textAppearanceLarge" />  
  
 <EditText  
 android:id="@+id/editTextDialogUserInput1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:fontFamily="@font/lato\_bold"  
 android:inputType="number"  
 android:hint="Enter time in digit">  
  
 </EditText>  
  
</LinearLayout>

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingTop="@dimen/activity\_horizontal\_margin"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin">  
  
 <TextView  
 android:text="questions"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/questionTextView"  
 android:fontFamily="@font/lato\_black"  
 android:textStyle="bold"  
 android:textSize="28sp"  
 android:textColor="#eb346e"  
 android:paddingStart="10dp"  
 android:layout\_gravity="start"  
 android:paddingBottom="10dp"/>  
  
 <RadioGroup  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="start|center\_vertical"  
 android:layout\_marginStart="20dp"  
 android:scrollbarSize="20dp"  
 android:gravity="center"  
 android:id="@+id/radioGroup">  
  
 <RadioButton  
 android:text="Rb1"  
 android:textSize="20sp"  
 android:layout\_width="match\_parent"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/radioButton"  
 android:paddingBottom="10dp">  
 </RadioButton>  
 <RadioButton  
 android:textSize="20sp"  
 android:text="Rb2"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/radioButton2" />  
  
 <RadioButton  
 android:textSize="20sp"  
 android:text="Rb3"  
 android:layout\_width="match\_parent"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/radioButton3" />  
 <RadioButton  
 android:textSize="20sp"  
 android:text="Rb4"  
 android:layout\_width="match\_parent"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/radioButton4" />  
 <RadioButton  
 android:textSize="20sp"  
 android:text="Clear Selection"  
 android:layout\_width="match\_parent"  
 android:fontFamily="@font/lato\_black"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/radioButton5" />  
  
 </RadioGroup>  
</LinearLayout>

<?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"  
 android:id="@+id/activity\_main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <LinearLayout  
 android:id="@+id/linearLayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:theme="@style/Theme.MyApplication.AppBarOverlay">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolChat"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 app:navigationIcon="@drawable/ic\_keyboard\_arrow\_left\_black\_24dp"  
 android:background="?android:attr/colorPrimary"  
 app:popupTheme="@style/Theme.MyApplication.PopupOverlay">  
  
 </androidx.appcompat.widget.Toolbar>  
 </com.google.android.material.appbar.AppBarLayout>  
 </LinearLayout>  
  
  
 <ListView  
 android:id="@+id/list"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_above="@+id/relativeLayout"  
 android:divider="#00000000"  
 android:dividerHeight="2dp"  
 android:padding="16dp"  
 android:layout\_below="@+id/linearLayout" />  
  
 <RelativeLayout  
 android:id="@+id/relativeLayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:padding="7dip"  
 android:layout\_alignParentBottom="true">  
  
 <EditText  
 android:id="@+id/message"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:imeOptions="actionNone"  
 android:hint="Message"  
 android:layout\_alignParentStart="true"  
 android:layout\_toStartOf="@+id/send\_message" />  
  
 <ImageButton  
 android:id="@+id/send\_message"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@android:drawable/ic\_menu\_send"  
 android:background="@null"  
 android:layout\_centerVertical="true"  
 android:layout\_alignParentEnd="true" />  
 </RelativeLayout>  
  
</RelativeLayout>

<?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"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingTop="8dp">  
  
 <ImageView  
 android:id="@+id/userChatImage"  
 android:layout\_width="70dp"  
 android:layout\_height="70dp"  
 android:scaleType="centerCrop"  
 android:src="@drawable/speaking"  
 app:layout\_constraintTop\_toTopOf="parent"  
 android:layout\_marginStart="8dp"  
 app:layout\_constraintLeft\_toLeftOf="parent" />  
  
 <TextView  
 android:id="@+id/list\_item\_username"  
 android:text="Anonymous"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="12sp"  
 app:layout\_constraintLeft\_toRightOf="@+id/userChatImage"  
 android:layout\_marginStart="8dp"  
 app:layout\_constraintTop\_toTopOf="parent"  
 android:layout\_marginTop="4dp" />  
  
 <TextView  
 android:id="@+id/list\_item\_message"  
 android:text="hi man, how are you?"  
 android:background="@drawable/rounded\_textview"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:maxWidth="240dp"  
 android:padding="8dp"  
 android:textColor="#ffffff"  
 android:layout\_marginTop="4dp"  
 app:layout\_constraintTop\_toBottomOf="@+id/list\_item\_username"  
 app:layout\_constraintLeft\_toRightOf="@+id/userChatImage"  
 android:layout\_marginStart="8dp" />  
  
 <TextView  
 android:id="@+id/text\_message\_time"  
 android:text="11:40"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="12sp"  
 app:layout\_constraintLeft\_toRightOf="@+id/list\_item\_message"  
 android:layout\_marginStart="4dp"  
 app:layout\_constraintBottom\_toBottomOf="@+id/list\_item\_message" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="@dimen/nav\_header\_height"  
 android:background="@drawable/side\_nav\_bar"  
 android:gravity="bottom"  
 android:orientation="vertical"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin">  
  
 <de.hdodenhof.circleimageview.CircleImageView  
 android:id="@+id/imageView"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp"  
 android:contentDescription="@string/nav\_header\_desc"  
 android:paddingTop="@dimen/nav\_header\_vertical\_spacing"  
 android:src="@drawable/user" />  
  
 <TextView  
 android:id="@+id/text\_user\_name"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingTop="@dimen/nav\_header\_vertical\_spacing"  
 android:fontFamily="@font/lato\_regular"  
 android:text="UserName"  
 android:textAppearance="@style/TextAppearance.AppCompat.Body1" />  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:fontFamily="@font/lato\_bold"  
 android:text="Email-Id" />  
  
</LinearLayout>

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/round\_dialog"  
 android:padding="5dp">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingBottom="10dp"  
 android:textSize="20sp"  
 android:textColor="@color/bg\_main"  
 android:layout\_gravity="center"  
 android:fontFamily="@font/lato\_black"  
 android:gravity="center\_horizontal"  
 android:elevation="10dp"  
 android:text="@string/text">  
  
 </TextView>  
  
 <View  
 android:id="@+id/View2"  
 android:layout\_width="120dp"  
 android:layout\_height="7dp"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginBottom="10dp"  
 android:background="#366ce0"  
 android:elevation="10dp"  
 android:layout\_alignStart="@id/textview1"  
 android:layout\_below="@+id/textview1">  
 </View>  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColor="@android:color/black"  
 android:fontFamily="@font/lato\_bold"  
 android:textSize="15sp"  
 android:lines="2"  
 android:layout\_gravity="center\_horizontal"  
 android:text="(1). Quizzer has some special rules i.e admin can only host tests and see all results.">  
  
 </TextView>  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColor="@android:color/black"  
 android:fontFamily="@font/lato\_bold"  
 android:textSize="15sp"  
 android:lines="2"  
 android:layout\_gravity="center\_horizontal"  
 android:text="(2). If user leaves test or pressed home button more than twice before user submits the test .">  
  
 </TextView>  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColor="@android:color/black"  
 android:fontFamily="@font/lato\_bold"  
 android:textSize="15sp"  
 android:lines="2"  
 android:layout\_gravity="center\_horizontal"  
 android:text="(3). Test are automatically submitted before mentioned reasons or time runs out .">  
  
 </TextView>  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColor="@android:color/black"  
 android:fontFamily="@font/lato\_bold"  
 android:textSize="15sp"  
 android:lines="1"  
 android:layout\_gravity="center\_horizontal"  
 android:text="(4). Only admins can see the results of all tests .">  
  
 </TextView>  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColor="@android:color/black"  
 android:fontFamily="@font/lato\_bold"  
 android:textSize="15sp"  
 android:lines="1"  
 android:layout\_gravity="center\_horizontal"  
 android:text="(4). Admins has access to create test.">  
  
 </TextView>  
  
  
</LinearLayout>

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal">  
  
 <androidx.cardview.widget.CardView  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 app:cardCornerRadius="8dp"  
 app:cardElevation="6dp"  
 app:cardPreventCornerOverlap="false"  
 app:cardUseCompatPadding="true">  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="88dp"  
 android:orientation="horizontal"  
 android:gravity="center"  
 android:background="@color/colorPrimary">  
 <ImageView  
 android:layout\_width="0dp"  
 android:layout\_weight="1"  
 android:layout\_height="40dp"  
 android:src="@drawable/ic\_appicon"  
 android:id="@+id/item\_imageView"  
 android:gravity="center"/>  
 <TextView  
 android:layout\_width="0dp"  
 android:layout\_weight="4"  
 android:layout\_height="wrap\_content"  
 android:text="Quiz1"  
 style="@style/CardStyle"  
 android:id="@+id/item\_textView" />  
 <Button  
 android:layout\_margin="5dp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:fontFamily="@font/lato\_black"  
 android:id="@+id/item\_button"  
 android:background="@drawable/button\_circular"  
 android:layout\_alignParentEnd="true"/>  
  
 </LinearLayout>  
 </androidx.cardview.widget.CardView>  
  
</LinearLayout>