**build.gradle(Project: PROJECT)**

// Top-level build file where you can add configuration options common to all sub-projects/modules.

buildscript {

repositories {

google()

jcenter()

}

dependencies {

classpath 'com.android.tools.build:gradle:3.0.1'

classpath 'com.google.gms:google-services:3.1.0'

// NOTE: Do not place your application dependencies here; they belong

// in the individual module build.gradle files

}

}

allprojects {

repositories {

google()

jcenter()

}

}

task clean(type: Delete) {

delete rootProject.buildDir

}

**build.gradle(Module: app)**

apply plugin: 'com.android.application'

android {

compileSdkVersion 26

defaultConfig {

applicationId "com.example.pavanm.firebaseloginregister"

minSdkVersion 22

targetSdkVersion 26

versionCode 1

versionName "1.0"

testInstrumentationRunner "android.support.test.runner.AndroidJUnitRunner"

}

buildTypes {

release {

minifyEnabled false

proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'

}

}

}

dependencies {

implementation fileTree(dir: 'libs', include: ['\*.jar'])

implementation 'com.android.support:appcompat-v7:26.1.0'

implementation 'com.android.support:recyclerview-v7:26.1.0'

implementation 'com.android.support:cardview-v7:26.1.0'

compile 'com.android.support:design:26.1.0'

implementation 'com.android.support.constraint:constraint-layout:1.0.2'

testImplementation 'junit:junit:4.12'

androidTestImplementation 'com.android.support.test:runner:1.0.1'

androidTestImplementation 'com.android.support.test.espresso:espresso-core:3.0.1'

apply plugin: 'com.google.gms.google-services'

compile 'com.google.firebase:firebase-auth:9.0.0'

compile 'com.google.firebase:firebase-database:9.0.0'

compile 'com.google.firebase:firebase-storage:9.0.0'

compile 'com.google.firebase:firebase-core:9.0.0'

compile 'com.google.android.gms:play-services-auth:9.0.0'

compile 'com.firebaseui:firebase-ui-database:0.4.0'

compile 'com.github.bumptech.glide:glide:3.7.0'

compile 'com.squareup.picasso:picasso:2.5.2'

}

apply plugin: 'com.google.gms.google-services'

**Androidmanifest.xml**

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

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

package="com.example.pavanm.firebaseloginregister">

<uses-permission android:name="android.permission.INTERNET" />

<uses-permission android:name="android.permission.READ\_EXTERNAL\_STORAGE" />

<uses-permission android:name="android.permission.WRITE\_EXTERNAL\_STORAGE" />

<application

android:allowBackup="true"

android:icon="@mipmap/ic\_launcher"

android:label="@string/app\_name"

android:roundIcon="@mipmap/ic\_launcher\_round"

android:supportsRtl="true"

android:theme="@style/AppTheme">

<activity

android:name=".MainActivity"

android:noHistory="true">

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</activity>

<activity android:name=".Registration" />

<activity android:name=".uploadfile" />

<activity android:name=".retriving" />

<activity android:name=".bca" />

<activity android:name=".BcaII" />

<activity android:name=".BcaIII" />

<activity android:name=".bbaI" />

<activity android:name=".bbaII" />

<activity android:name=".bbaIII" />

<activity android:name=".bmsi" />

<activity android:name=".bmsii" />

<activity android:name=".bmsiii" />

<activity android:name=".bscI" />

<activity android:name=".bscII" />

<activity android:name=".bscIII" />

<activity android:name=".auth"></activity>

</application>

</manifest>

**MainActivity.java**

package com.example.pavanm.firebaseloginregister;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.app.ProgressDialog;

import android.content.Intent;

import android.support.annotation.NonNull;

import android.text.TextUtils;

import android.util.Log;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

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 MainActivity extends AppCompatActivity {

private EditText e1;

private EditText e2;

private Button b1, b2;

private FirebaseAuth firebaseAuth;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

e1 = findViewById(R.id.etUsername);

e2 = findViewById(R.id.etPassword);

b1 = findViewById(R.id.btnLogIn);

b2 = findViewById(R.id.btnSignUp);

firebaseAuth = FirebaseAuth.getInstance();

b1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

btnLogIn\_Click(view);

} });

b2.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

btnSignUp\_Click(view);

}

});

}

public void btnLogIn\_Click(View view) {

String email = e1.getText().toString();

String password = e2.getText().toString();

if (TextUtils.isEmpty(email) && TextUtils.isEmpty(password) || TextUtils.isEmpty(email) || TextUtils.isEmpty(password)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = ProgressDialog.show(MainActivity.this, "Please wait...", "Processing...", true);

(firebaseAuth.signInWithEmailAndPassword(e1.getText().toString(), e2.getText().toString())).addOnCompleteListener(new OnCompleteListener<AuthResult>() {

@Override

public void onComplete(@NonNull Task<AuthResult> task) {

progressDialog.dismiss();

if (task.isSuccessful()) {

Toast.makeText(MainActivity.this, "Login Successful", Toast.LENGTH\_LONG).show();

Intent i = new Intent(MainActivity.this, bca.class);

i.putExtra("EMAIL", firebaseAuth.getCurrentUser().getEmail());

startActivity(i);

} else {

Log.e("ERROR", task.getException().toString());

Toast.makeText(MainActivity.this, task.getException().getMessage(), Toast.LENGTH\_LONG).show();

}

}

});

}

}

public void btnSignUp\_Click(View view)

{

Intent i = new Intent(MainActivity.this, Registration.class);

startActivity(i);

}

}

**activity\_main.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.MainActivity">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/colorPrimary"

android:orientation="vertical"

android:padding="50dp"

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

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Welcome to FirebaseApp"

android:textColor="#fff"

android:textSize="30dp" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="15dp"

android:layout\_marginBottom="25dp"

android:text="This is a platform where teachers can share notes online for students belonging to various course of various semester and which is easily accessible and downloadable by the students"

android:textColor="#fff"

android:textSize="15dp" />

<Button

android:id="@+id/btnSignUp"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_above="@+id/etUsername"

android:layout\_alignEnd="@+id/etUsername"

android:layout\_marginBottom="0dp"

android:background="@drawable/amber"

android:onClick="btnSignUp\_Click"

android:text="SIGN UP"

android:textColor="#fff"

android:textSize="16dp"

android:textStyle="italic" />

</LinearLayout>

<RelativeLayout

android:id="@+id/relativeLayout"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentBottom="true"

android:layout\_centerHorizontal="true"

android:layout\_marginBottom="73dp"

android:orientation="vertical">

</RelativeLayout>

<Button

android:id="@+id/btnLogIn"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_above="@+id/relativeLayout"

android:layout\_alignStart="@+id/etPassword"

android:layout\_marginBottom="25dp"

android:background="@drawable/black"

android:onClick="btnLogIn\_Click"

android:text="LOGIN"

android:textColor="#fff"

android:textSize="18dp"

android:textStyle="italic" />

<EditText

android:id="@+id/etPassword"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_above="@+id/btnLogIn"

android:layout\_alignStart="@+id/etUsername"

android:layout\_marginBottom="18dp"

android:background="@drawable/edittexts"

android:textColorHint="#23283a"

android:hint="Enter password"

android:inputType="textPassword"

android:textColor="@color/colorPrimaryDark"

android:textSize="18dp"

android:paddingLeft="10dp"

/>

<EditText

android:singleLine="true"

android:id="@+id/etUsername"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_above="@+id/etPassword"

android:layout\_centerHorizontal="true"

android:layout\_marginBottom="16dp"

android:background="@drawable/edittexts"

android:textColorHint="#23283a"

android:paddingLeft="10dp"

android:hint="Enter username or email"

android:textColor="@color/colorPrimaryDark"

android:textSize="18dp"

/>

<ImageView

android:id="@+id/imageView2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/linearLayout"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="10dp"

app:srcCompat="@mipmap/logo"

android:layout\_centerInParent="true"/>

</RelativeLayout>

**registration.java**

package com.example.pavanm.firebaseloginregister;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.app.ProgressDialog;

import android.content.Intent;

import android.support.annotation.NonNull;

import android.text.TextUtils;

import android.util.Log;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

import android.widget.Toast;

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 Registration extends AppCompatActivity {

private EditText e1;

private EditText e2;

private FirebaseAuth firebaseAuth;

private Button b2;

private TextView t1;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_registration);

e1 = findViewById(R.id.etEmailRegistration);

e2 = findViewById(R.id.etPasswordRegistration);

b2 = findViewById(R.id.btnRegister);

firebaseAuth = FirebaseAuth.getInstance();

t1 = findViewById(R.id.tv1);

t1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent i = new Intent(Registration.this, MainActivity.class);

startActivity(i);

}

});

b2.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

btnRegister\_Click(view);

}

});

}

public void btnRegister\_Click(View view) {

String email = e1.getText().toString();

String password = e2.getText().toString();

if (TextUtils.isEmpty(email) && TextUtils.isEmpty(password) || TextUtils.isEmpty(email) || TextUtils.isEmpty(password)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = ProgressDialog.show(Registration.this, "Please Wait...", "Processing...", true);

(firebaseAuth.createUserWithEmailAndPassword(e1.getText().toString(), e2.getText().toString())).addOnCompleteListener(new OnCompleteListener<AuthResult>() {

@Override

public void onComplete(@NonNull Task<AuthResult> task) {

progressDialog.dismiss();

if (task.isSuccessful()) {

Toast.makeText(Registration.this, "Successfully Registered", Toast.LENGTH\_LONG).show();

Intent i = new Intent(Registration.this, MainActivity.class);

startActivity(i);

} else {

Log.e("ERROR", task.getException().toString());

Toast.makeText(Registration.this, task.getException().getMessage(), Toast.LENGTH\_LONG).show();

}

}

});

}

}

}

**activity\_registration.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.Registration"

android:background="@color/white">

<RelativeLayout android:layout\_width="match\_parent" android:layout\_height="500dp"

android:background="@color/colorPrimary">

<EditText

android:id="@+id/etEmailRegistration"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/imageView"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="112dp"

android:hint="Enter email"

android:singleLine="true"

android:textColor="@color/white"

android:textColorHint="@color/greyColor"

android:textSize="20dp"

android:textStyle="italic" />

<EditText

android:id="@+id/etPasswordRegistration"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_alignStart="@+id/etEmailRegistration"

android:layout\_below="@+id/etEmailRegistration"

android:hint="Enter password"

android:inputType="textPassword"

android:singleLine="true"

android:textColor="@color/white"

android:textColorHint="@color/greyColor"

android:textSize="20dp"

android:textStyle="italic" />

<Button android:id="@+id/btnRegister"

android:layout\_width="150dp"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/etPasswordRegistration"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="36dp"

android:background="@drawable/outline"

android:text="Register"

android:textColor="@color/greyColor"

android:textSize="18dp"

android:textStyle="italic" />

<ImageView

android:id="@+id/imageView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentTop="true"

android:layout\_marginEnd="36dp"

android:layout\_marginTop="66dp"

android:layout\_toStartOf="@+id/btnRegister"

app:srcCompat="@mipmap/logo" />

<TextView

android:id="@+id/textView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignBottom="@+id/imageView"

android:layout\_alignEnd="@+id/etEmailRegistration"

android:layout\_marginBottom="13dp"

android:layout\_marginEnd="6dp"

android:text="FIREBASE NOTES APP"

android:textColor="@color/cardview\_light\_background"

android:textSize="25dp"

android:textStyle="italic" /> </RelativeLayout>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentBottom="true"

android:layout\_centerHorizontal="true"

android:layout\_marginBottom="40dp"

android:text="Already have an account? Log in"

android:textStyle="italic"

android:textSize="15dp"

android:id="@+id/tv1"/>

</RelativeLayout>

**bca.java** (Home Screen of the app)

package com.example.pavanm.firebaseloginregister;

import android.content.DialogInterface;

import android.content.Intent;

import android.support.annotation.NonNull;

import android.support.v7.app.AlertDialog;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.MenuItem;

import android.view.View;

import android.widget.Button;

import android.widget.PopupMenu;

import com.google.firebase.auth.FirebaseAuth;

public class bca extends AppCompatActivity {

Button pop, pop1, pop2, pop3, logout, upload;

FirebaseAuth mAuth;

FirebaseAuth.AuthStateListener mAuthListener;

@Override

protected void onStart() {

super.onStart();

mAuth.addAuthStateListener(mAuthListener);

}

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bca);

upload = (Button) findViewById(R.id.buttonupload);

logout = (Button) findViewById(R.id.buttonlogout);

mAuth = FirebaseAuth.getInstance();

pop1 = (Button) findViewById(R.id.buttonbsc);

pop2 = (Button) findViewById(R.id.buttonbba);

pop3 = (Button) findViewById(R.id.buttonbms);

pop = (Button) findViewById(R.id.button4);

mAuthListener = new FirebaseAuth.AuthStateListener() {

@Override

public void onAuthStateChanged(@NonNull FirebaseAuth firebaseAuth) {

if (firebaseAuth.getCurrentUser() == null) {

startActivity(new Intent(bca.this, MainActivity.class));

finish();

}

}

};

upload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent i = new Intent(bca.this, auth.class);

startActivity(i);

}

});

pop.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

PopupMenu pm = new PopupMenu(bca.this, pop);

pm.getMenuInflater().inflate(R.menu.popupbca, pm.getMenu());

pm.setOnMenuItemClickListener(new PopupMenu.OnMenuItemClickListener() {

@Override

public boolean onMenuItemClick(MenuItem menuItem) {

switch (menuItem.getItemId()) {

case R.id.semI:

Intent i = new Intent(bca.this, retriving.class);

startActivity(i);

break;

case R.id.semII:

Intent ir = new Intent(bca.this, BcaII.class);

startActivity(ir);

break;

case R.id.semIII:

Intent is = new Intent(bca.this, BcaIII.class);

startActivity(is);

break;

}

return true;

}

});

pm.show();

}

});

pop1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

PopupMenu pm = new PopupMenu(bca.this, pop1);

pm.getMenuInflater().inflate(R.menu.popupbca, pm.getMenu());

pm.setOnMenuItemClickListener(new PopupMenu.OnMenuItemClickListener() {

@Override

public boolean onMenuItemClick(MenuItem menuItem) {

switch (menuItem.getItemId()) {

case R.id.semI:

Intent i = new Intent(bca.this, bscI.class);

startActivity(i);

break;

case R.id.semII:

Intent ir = new Intent(bca.this, bscII.class);

startActivity(ir);

break;

case R.id.semIII:

Intent is = new Intent(bca.this, bscIII.class);

startActivity(is);

break;

}

return true;

}

});

pm.show();

}

});

pop2.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

PopupMenu pm = new PopupMenu(bca.this, pop2);

pm.getMenuInflater().inflate(R.menu.popupbca, pm.getMenu());

pm.setOnMenuItemClickListener(new PopupMenu.OnMenuItemClickListener() {

@Override

public boolean onMenuItemClick(MenuItem menuItem) {

switch (menuItem.getItemId()) {

case R.id.semI:

Intent i = new Intent(bca.this, bbaI.class);

startActivity(i);

break;

case R.id.semII:

Intent ir = new Intent(bca.this, bbaII.class);

startActivity(ir);

break;

case R.id.semIII:

Intent is = new Intent(bca.this, bbaIII.class);

startActivity(is);

break;

}

return true;

}

});

pm.show();

}

});

pop3.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

PopupMenu pm = new PopupMenu(bca.this, pop3);

pm.getMenuInflater().inflate(R.menu.popupbca, pm.getMenu());

pm.setOnMenuItemClickListener(new PopupMenu.OnMenuItemClickListener() {

@Override

public boolean onMenuItemClick(MenuItem menuItem) {

switch (menuItem.getItemId()) {

case R.id.semI:

Intent i = new Intent(bca.this, bmsi.class);

startActivity(i);

break;

case R.id.semII:

Intent ir = new Intent(bca.this, bmsii.class);

startActivity(ir);

break;

case R.id.semIII:

Intent is = new Intent(bca.this, bmsiii.class);

startActivity(is);

break;

}

return true;

}

});

pm.show();

}

});

logout.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

mAuth.signOut();

finish();

}

});

}

@Override

public void onBackPressed() {

final AlertDialog.Builder builder = new AlertDialog.Builder(bca.this);

builder.setMessage("Are you sure you want to exit?");

builder.setCancelable(true);

builder.setNegativeButton("No", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

});

builder.setPositiveButton("Yes", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

finish();

}

});

AlertDialog alertDialog = builder.create();

alertDialog.show();

}

}

**activity\_bca.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.bca"

android:background="@color/colorPrimary">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="vertical"

android:id="@+id/linearLayout2">

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/buttonupload"

android:text="upload file"

android:background="@color/colorPrimary"

android:textColor="@color/amber"

android:layout\_gravity="right"

android:layout\_marginRight="15dp"

android:textSize="15dp"/>

</LinearLayout>

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="150dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/linearLayout2"

android:gravity="center"

android:id="@+id/relativeLayout2"

android:background="@color/colorPrimary">

<Button

android:id="@+id/button4"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_centerHorizontal="true"

android:layout\_centerVertical="true"

android:background="@drawable/outline"

android:gravity="center"

android:text="bca"

android:textColor="@color/grey"

android:textSize="18dp"

tools:layout\_editor\_absoluteX="95dp"

tools:layout\_editor\_absoluteY="116dp" />

</RelativeLayout>

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="150dp"

android:layout\_alignParentStart="true"

android:id="@+id/relativeLayout3"

android:layout\_below="@+id/relativeLayout2"

android:gravity="center"

android:background="@color/colorPrimary">

<Button

android:id="@+id/buttonbba"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_centerHorizontal="true"

android:layout\_centerVertical="true"

android:background="@drawable/outline"

android:text="Bba"

android:textColor="@color/grey"

android:textSize="18dp" />

</RelativeLayout>

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="150dp"

android:layout\_alignParentStart="true"

android:id="@+id/relativeLayout4"

android:layout\_below="@+id/relativeLayout3"

android:gravity="center"

android:background="@color/colorPrimary">

<Button

android:id="@+id/buttonbsc"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_centerHorizontal="true"

android:layout\_centerVertical="true"

android:background="@drawable/outline"

android:text="Bsc"

android:textColor="@color/grey"

android:textSize="18dp" />

</RelativeLayout>

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="150dp"

android:layout\_alignParentStart="true"

android:id="@+id/relativeLayout5"

android:layout\_below="@+id/relativeLayout4"

android:gravity="center" android:background="@color/colorPrimary">

<Button

android:id="@+id/buttonbms"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_centerHorizontal="true"

android:layout\_centerVertical="true"

android:background="@drawable/outline"

android:text="Bms"

android:textColor="@color/grey"

android:textSize="18dp" />

</RelativeLayout>

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/relativeLayout5”>

<Button

android:id="@+id/buttonlogout"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentBottom="true"

android:layout\_centerHorizontal="true"

android:background="@color/colorPrimary"

android:drawableLeft="@mipmap/ic\_power\_settings\_new\_white\_24dp"

android:text=" logout"

android:textColor="@color/white"

android:textSize="18dp" />

</RelativeLayout>

</RelativeLayout>

**auth.java** (Authentication page before uploading)

package com.example.pavanm.firebaseloginregister;

import android.content.Intent;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

public class auth extends AppCompatActivity {

EditText et;

Button btn;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_auth);

et = (EditText) findViewById(R.id.etAuth);

btn = (Button) findViewById(R.id.btnAuth);

btn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

String password = String.valueOf(et.getText());

if (password.equals("qwerty")) {

Toast.makeText(auth.this, "Authorization Successful", Toast.LENGTH\_LONG).show();

Intent i = new Intent(auth.this, uploadfile.class);

startActivity(i);

finish();

} else {

Toast.makeText(auth.this, "Authorization Unsuccessful", Toast.LENGTH\_LONG).show();

}

}

});

}

}

**activity\_auth.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:background="@color/colorPrimary"

tools:context="com.example.pavanm.firebaseloginregister.auth">

<EditText

android:id="@+id/etAuth"

android:layout\_width="300dp"

android:layout\_height="50dp"

android:layout\_alignParentBottom="true"

android:layout\_centerHorizontal="true"

android:layout\_marginBottom="163dp"

android:ems="10"

android:inputType="textPassword"

android:textColor="@color/white"

android:textColorHint="@color/common\_plus\_signin\_btn\_text\_dark\_disabled"

tools:layout\_editor\_absoluteX="98dp"

tools:layout\_editor\_absoluteY="435dp" />

<Button

android:id="@+id/btnAuth"

android:layout\_width="150dp"

android:layout\_height="wrap\_content"

android:layout\_alignTop="@+id/etAuth"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="55dp"

android:background="@drawable/outline"

android:text="authorize"

android:textColor="@color/white"

android:textStyle="italic" />

<TextView

android:id="@+id/textView2"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_above="@+id/etAuth"

android:layout\_alignParentStart="true"

android:layout\_marginBottom="14dp"

android:paddingLeft="35dp"

android:text="Enter your authorization code to upload files"

android:textColor="@color/white"

android:textSize="20dp"

android:textStyle="italic" />

<ImageView

android:id="@+id/imageView3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentTop="true"

android:layout\_marginEnd="18dp"

android:layout\_marginTop="46dp"

android:layout\_toStartOf="@+id/textView3"

app:srcCompat="@mipmap/logo" />

<TextView

android:id="@+id/textView3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_above="@+id/textView5"

android:layout\_alignEnd="@+id/etAuth"

android:layout\_marginBottom="15dp"

android:layout\_marginEnd="6dp"

android:text="FIREBASE NOTES APP"

android:textColor="@color/cardview\_light\_background"

android:textSize="25dp"

android:textStyle="italic" />

<TextView

android:id="@+id/textView5"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/imageView3"

android:layout\_marginTop="43dp"

android:paddingLeft="20dp"

android:paddingRight="10dp"

android:text="Since we don't want everyone who logs in to our app to upload files, here is a simple authorization step we follow to make sure only authorized personals will upload the files "

android:textColor="@color/cardview\_light\_background"

android:textSize="18dp" />

</RelativeLayout>

**uploadfile.java**

package com.example.pavanm.firebaseloginregister;

import android.app.ProgressDialog;

import android.content.Intent;

import android.graphics.Bitmap;

import android.net.Uri;

import android.provider.MediaStore;

import android.support.annotation.NonNull;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.text.TextUtils;

import android.view.View;

import android.widget.AdapterView;

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 com.google.android.gms.tasks.OnFailureListener;

import com.google.android.gms.tasks.OnSuccessListener;

import com.google.firebase.database.DatabaseReference;

import com.google.firebase.database.FirebaseDatabase;

import com.google.firebase.storage.FirebaseStorage;

import com.google.firebase.storage.OnProgressListener;

import com.google.firebase.storage.StorageReference;

import com.google.firebase.storage.UploadTask;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.util.ArrayList;

import java.util.List;

public class uploadfile extends AppCompatActivity {

private Button bb1;

private static final int G\_INTENT = 2;

private Uri fPath;

private EditText et1, et2;

private DatabaseReference sDatabaseRef;

private StorageReference sReference;

Spinner s3;

private ImageView imageView;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_uploadfile);

et1 = (EditText)findViewById(R.id.etTITLE);

et2 = (EditText)findViewById(R.id.etDESCR);

s3 = (Spinner)findViewById(R.id.spinner3);

sReference = FirebaseStorage.getInstance().getReference();

bb1 = (Button) findViewById(R.id.btnUpload);

imageView = (ImageView) findViewById(R.id.iv2);

List<String> list = new ArrayList<>();

list.add("Select");

list.add("BCA I");

list.add("BCA II");

list.add("BCA III");

list.add("BBA I");

list.add("BBA II");

list.add("BBA III");

list.add("BSC I");

list.add("BSC II");

list.add("BSC III");

list.add("BMS I");

list.add("BMS II");

list.add("BMS III");

ArrayAdapter<String> arrayAdapter = new ArrayAdapter<String>(this,android.R.layout.simple\_spinner\_item, list);

arrayAdapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);

s3.setAdapter(arrayAdapter);

s3.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {

@Override

public void onItemSelected(AdapterView<?> adapterView, View view, int i, long l) {

String itemValue = adapterView.getItemAtPosition(i).toString();

if(itemValue.equals("BCA I")) {

bcaI(); }

if(itemValue.equals("BCA II")) {

bcaII(); }

if (itemValue.equals("BCA III")){

bcaIII(); }

if(itemValue.equals("BBA I")) {

bbaI(); }

if(itemValue.equals("BBA II")) {

bbaII(); }

if (itemValue.equals("BBA III")){

bbaIII(); }

if(itemValue.equals("BSC I")) {

bscI(); }

if(itemValue.equals("BSC II")) {

bscII(); }

if (itemValue.equals("BSC III")){

bscIII(); }

if(itemValue.equals("BMS I")) {

bmsI(); }

if(itemValue.equals("BMS II")) {

bmsII(); }

if (itemValue.equals("BMS III")){

bmsIII(); }

}

@Override

public void onNothingSelected(AdapterView<?> adapterView) { }

});

bb1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent intent = new Intent(Intent.ACTION\_GET\_CONTENT);

intent.addCategory(Intent.CATEGORY\_OPENABLE);

intent.setType("\*/\*");

Intent i = Intent.createChooser(intent, "File");

startActivityForResult(i, G\_INTENT);

}

});

}

@Override

protected void onActivityResult(int requestCode, int resultCode, Intent data) {

super.onActivityResult(requestCode, resultCode, data);

if (requestCode == G\_INTENT && resultCode == RESULT\_OK && data != null && data.getData() != null)

;

fPath = data.getData();

try {

Bitmap bm = MediaStore.Images.Media.getBitmap(getContentResolver(), fPath);

imageView.setImageBitmap(bm);

} catch (FileNotFoundException e) {

e.printStackTrace();

} catch (IOException e) {

e.printStackTrace();

}

}

private void bcaI() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bcaI");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BCA I").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

Uri dluri = taskSnapshot.getDownloadUrl();

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " % Uploaded...");

}

});

}

}

private void bcaII() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bcaII");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BCA II").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

Uri dluri = taskSnapshot.getDownloadUrl();

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

}

}

private void bcaIII() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bcaIII");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BCA III").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

Uri dluri = taskSnapshot.getDownloadUrl();

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

}

}

private void bscI() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bscI");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BSC I").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

Uri dluri = taskSnapshot.getDownloadUrl();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

} }

private void bscII() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bscII");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BSC II").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

Uri dluri = taskSnapshot.getDownloadUrl();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

}

}

private void bscIII() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bscIII");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BCS III").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

Uri dluri = taskSnapshot.getDownloadUrl();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

}

}

private void bmsI() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bmsI");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BMS I").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

Uri dluri = taskSnapshot.getDownloadUrl();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

}

}

private void bmsII() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bmsII");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BMS II").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

Uri dluri = taskSnapshot.getDownloadUrl();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

}

}

private void bmsIII() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bmsIII");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BMS III").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

Uri dluri = taskSnapshot.getDownloadUrl();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

}

}

private void bbaI() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bbaI");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BBA I").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

Uri dluri = taskSnapshot.getDownloadUrl();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

}

}

private void bbaII() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bbaII");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BBA II").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

Uri dluri = taskSnapshot.getDownloadUrl();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

}

}

private void bbaIII() {

final String titleval = et1.getText().toString().trim();

final String descval = et2.getText().toString().trim();

sDatabaseRef = FirebaseDatabase.getInstance().getReference().child("bbaIII");

if (fPath == null || TextUtils.isEmpty(titleval) && TextUtils.isEmpty(descval) || TextUtils.isEmpty(titleval) || TextUtils.isEmpty(descval)) {

Toast.makeText(getApplicationContext(), "Please fill in the details", Toast.LENGTH\_LONG).show();

} else {

final ProgressDialog progressDialog = new ProgressDialog(this);

progressDialog.setTitle("Uploading...");

progressDialog.show();

StorageReference riversRef = sReference.child("BBA III").child(fPath.getLastPathSegment());

riversRef.putFile(fPath)

.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {

@Override

public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {

progressDialog.dismiss();

Toast.makeText(getApplicationContext(), "File uploaded", Toast.LENGTH\_LONG).show();

Uri dluri = taskSnapshot.getDownloadUrl();

DatabaseReference newBCAI = sDatabaseRef.push();

newBCAI.child("Title").setValue(titleval);

newBCAI.child("Desc").setValue(descval);

newBCAI.child("ImageUri").setValue(dluri.toString());

}

})

.addOnFailureListener(new OnFailureListener() {

@Override

public void onFailure(@NonNull Exception exception) {

}

})

.addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {

@Override

public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {

double progress = (100.0 \* taskSnapshot.getBytesTransferred())/taskSnapshot.getTotalByteCount();

progressDialog.setMessage(((int) progress) + " %Uploaded...");

}

});

}

}

}

**activity\_uploadfile.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.uploadfile">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="500dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/colorPrimary">

<ImageView

android:id="@+id/iv2"

android:layout\_width="200dp"

android:layout\_height="200dp"

android:layout\_alignParentTop="true"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="8dp"

android:src="@mipmap/img" />

<Button

android:id="@+id/btnUpload"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/iv2"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="22dp"

android:background="@drawable/amber"

android:text="SELECT"

android:textSize="18dp"

android:textColor="@color/grey" />

<EditText

android:id="@+id/etTITLE"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_above="@+id/etDESCR"

android:layout\_centerHorizontal="true"

android:layout\_marginBottom="18dp"

android:background="@drawable/edittexts"

android:ems="10"

android:hint="Title"

android:inputType="textPersonName"

android:singleLine="true" />

<EditText

android:id="@+id/etDESCR"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:layout\_alignParentBottom="true"

android:layout\_alignStart="@+id/etTITLE"

android:layout\_marginBottom="87dp"

android:background="@drawable/edittexts"

android:ems="10"

android:hint="Description"

android:inputType="textPersonName" />

</RelativeLayout>

<TextView

android:id="@+id/textView4"

android:paddingLeft="30dp"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_above="@+id/spinner3"

android:layout\_alignParentStart="true"

android:layout\_marginBottom="34dp"

android:text="Select the course and semester you want to upload the file"

android:textSize="15dp" />

<Spinner

android:id="@+id/spinner3"

android:layout\_width="150dp"

android:layout\_height="wrap\_content"

android:layout\_alignParentBottom="true"

android:layout\_centerHorizontal="true"

android:layout\_marginBottom="66dp" />

</RelativeLayout>

**Retrieving.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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.squareup.picasso.Picasso;

public class retriving extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_retriving);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bcaI");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bcaI");

rv = (RecyclerView) findViewById(R.id.recycleview);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<retrivingfiles, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<retrivingfiles, PostViewHolder>

(retrivingfiles.class, R.layout.recyc, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, retrivingfiles model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(retriving.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(retriving.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(retriving.this, "Post removed successfully",Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(retriving.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

})

.show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager) getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED);

Toast.makeText(retriving.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter);

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mRemove;

Button mDownload;

View mView;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_retriving.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent" android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.retriving">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent" android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</RelativeLayout>

**retrivingfile.java** (Used for retrieving the stored data)

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 1/27/2018.

\*/

public class retrivingfiles {

private String Title, Desc, ImageUri;

public retrivingfiles() { }

public retrivingfiles(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recyc.xml** (Consists of all the items present in a recycler view for viewing the content)

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**BcaII.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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.squareup.picasso.Picasso;

public class BcaII extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bca\_ii);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bcaII");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bcaII");

rv = (RecyclerView) findViewById(R.id.recycleviewbcaII);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<retrivingbcaII, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<retrivingbcaII, PostViewHolder>

(retrivingbcaII.class, R.layout.retrivingbcaii, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, retrivingbcaII model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(BcaII.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(BcaII.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(BcaII.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(BcaII.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

})

.show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager) getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED);

Toast.makeText(BcaII.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter);

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mDownload;

View mView;

Button mRemove;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bca\_ii.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.BcaII">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</RelativeLayout>

**retrivingbcaii.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/1/2018.

\*/

public class retrivingbcaII {

private String Title, Desc, ImageUri;

public retrivingbcaII() { }

public retrivingbcaII(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbcaii.xml**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**BcaIII.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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.squareup.picasso.Picasso;

public class BcaIII extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload ;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bca\_iii);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bcaIII");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bcaIII");

rv = (RecyclerView) findViewById(R.id.recycleviewbcaIII);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<retrivingbcaIII, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<retrivingbcaIII, PostViewHolder>

(retrivingbcaIII.class, R.layout.recycbcaiii, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, retrivingbcaIII model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(BcaIII.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(BcaIII.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(BcaIII.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(BcaIII.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

}).show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager)getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED);

Toast.makeText(BcaIII.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) { }

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter);

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mDownload;

View mView;

Button mRemove;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bca\_iii.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.BcaIII">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</RelativeLayout>

**retrivingbcaIII.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/2/2018.

\*/

public class retrivingbcaIII {

private String Title, Desc, ImageUri;

public retrivingbcaIII()

{ }

public retrivingbcaIII(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbcaiii.xml**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**bbaI.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.text.TextUtils;

import android.view.LayoutInflater;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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.squareup.picasso.Picasso;

public class bbaI extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload ;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bba\_i);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bbaI");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bbaI");

rv = (RecyclerView) findViewById(R.id.recycleview);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<retrivinffilesbbai, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<retrivinffilesbbai, PostViewHolder>

(retrivinffilesbbai.class, R.layout.recycbbai, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, retrivinffilesbbai model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(bbaI.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(bbaI.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(bbaI.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(bbaI.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

}).show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager)getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED);

Toast.makeText(bbaI.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter );

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mRemove;

Button mDownload;

View mView;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bba\_i.xml**

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

<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.bbaI">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</android.support.constraint.ConstraintLayout>

**retrivinffilesbbai.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/2/2018.

\*/

public class retrivinffilesbbai {

private String Title, Desc, ImageUri;

public retrivinffilesbbai() { }

public retrivinffilesbbai(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbbai.xml**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**bbaii.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.annotation.NonNull;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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 com.squareup.picasso.Picasso;

public class bbaII extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload ;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bba\_ii);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bbaII");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bbaII");

rv = (RecyclerView) findViewById(R.id.recycleview);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<retrivingfilesbbaii, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<retrivingfilesbbaii, PostViewHolder>

(retrivingfilesbbaii.class, R.layout.recycbbaii, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, retrivingfilesbbaii model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(bbaII.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(bbaII.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(bbaII.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(bbaII.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

}

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

})

.show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager)getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED); Toast.makeText(bbaII.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter );

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mRemove;

Button mDownload;

View mView;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bba\_ii.xml**

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

<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.bbaII">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</android.support.constraint.ConstraintLayout>

**retrivingfilesbbaii.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/2/2018.

\*/

public class retrivingfilesbbaii {

private String Title, Desc, ImageUri;

public retrivingfilesbbaii() { }

public retrivingfilesbbaii(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbbaii.xml**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**bbaiii.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.annotation.NonNull;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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 com.squareup.picasso.Picasso;

public class bbaIII extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload ;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bba\_iii);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bbaIII");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bbaIII");

rv = (RecyclerView) findViewById(R.id.recycleview);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<retrivingfilesbbaiii, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<retrivingfilesbbaiii, PostViewHolder>

(retrivingfilesbbaiii.class, R.layout.recycbbaiii, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, retrivingfilesbbaiii model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(bbaIII.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(bbaIII.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(bbaIII.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(bbaIII.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

})

.show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager)getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED);

Toast.makeText(bbaIII.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter );

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mRemove;

Button mDownload;

View mView;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove); }

public void setTitle(String title) {

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title); }

public void setDesc(String desc) {

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc); }

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bba\_iii.xml**

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

<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.bbaIII">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</android.support.constraint.ConstraintLayout>

**retrivingfilesbbaiii.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/2/2018.

\*/

public class retrivingfilesbbaiii {

private String Title, Desc, ImageUri;

public retrivingfilesbbaiii() { }

public retrivingfilesbbaiii(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbbaiii.xml**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**bmsi.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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.squareup.picasso.Picasso;

public class bmsi extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload ;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bmsi);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bmsI");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bmsI");

rv = (RecyclerView) findViewById(R.id.recycleview);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<retrivingfilesbmsi, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<retrivingfilesbmsi, PostViewHolder>

(retrivingfilesbmsi.class, R.layout.recycbmsi, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, retrivingfilesbmsi model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(bmsi.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(bmsi.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(bmsi.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(bmsi.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

})

.show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager)getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED);

Toast.makeText(bmsi.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter );

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mRemove;

Button mDownload;

View mView;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bmsi.xml**

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

<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.bmsi">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</android.support.constraint.ConstraintLayout>

**retrivingfilesbmsi.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/2/2018.

\*/

public class retrivingfilesbmsi {

private String Title, Desc, ImageUri;

public retrivingfilesbmsi() { }

public retrivingfilesbmsi(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbmsi.java**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**bmsii.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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.squareup.picasso.Picasso;

public class bmsii extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload ;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bmsii);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bmsII");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bmsII");

rv = (RecyclerView) findViewById(R.id.recycleview);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<retrivingfilesbmsii, PostViewHolder>firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<retrivingfilesbmsii, PostViewHolder>

(retrivingfilesbmsii.class, R.layout.recycbmsii, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, retrivingfilesbmsii model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(bmsii.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(bmsii.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(bmsii.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(bmsii.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

})

.show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager)getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED); Toast.makeText(bmsii.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter );

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mRemove;

Button mDownload;

View mView;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bmsii.xml**

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

<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.bmsii">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</android.support.constraint.ConstraintLayout>

**retrivingfilesbmsii.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/2/2018.

\*/

public class retrivingfilesbmsii {

private String Title, Desc, ImageUri;

public retrivingfilesbmsii() { }

public retrivingfilesbmsii(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbmsii.xml**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**bmsiii.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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.squareup.picasso.Picasso;

public class bmsiii extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload ;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bmsiii);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bmsIII");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bmsIII");

rv = (RecyclerView) findViewById(R.id.recycleview);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<retrivingfilesbmsiii, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<retrivingfilesbmsiii, PostViewHolder>

(retrivingfilesbmsiii.class, R.layout.recycbmsiii, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, retrivingfilesbmsiii model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(bmsiii.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(bmsiii.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(bmsiii.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(bmsiii.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

})

.show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager)getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED);

Toast.makeText(bmsiii.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter );

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mRemove;

Button mDownload;

View mView;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bmsiii.xml**

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

<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.bmsiii">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</android.support.constraint.ConstraintLayout>

**retrivingfilesbmsiii.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/2/2018.

\*/

public class retrivingfilesbmsiii {

private String Title, Desc, ImageUri;

public retrivingfilesbmsiii() { }

public retrivingfilesbmsiii(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbmsiii.xml**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**bscI.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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.squareup.picasso.Picasso;

public class bscI extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload ;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bsc\_i);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bscI");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bscI");

rv = (RecyclerView) findViewById(R.id.recycleview);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<rbscI, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<rbscI, PostViewHolder>

(rbscI.class, R.layout.recycbsci, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, rbscI model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(bscI.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(bscI.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(bscI.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(bscI.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

})

.show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager)getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED);

Toast.makeText(bscI.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter );

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mRemove;

Button mDownload;

View mView;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bsc\_i.xml**

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

<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.bscI">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</android.support.constraint.ConstraintLayout>

**rbscI.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/2/2018.

\*/

public class rbscI {

private String Title, Desc, ImageUri;

public rbscI(){ }

public rbscI(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbsci.xml**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**bscII.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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.squareup.picasso.Picasso;

public class bscII extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload ;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bsc\_ii);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bscII");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bscII");

rv = (RecyclerView) findViewById(R.id.recycleview);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<rbscII, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<rbscII, PostViewHolder>

(rbscII.class, R.layout.recycbscii, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, rbscII model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(bscII.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(bscII.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(bscII.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(bscII.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

})

.show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager)getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED);

Toast.makeText(bscII.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter );

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mRemove;

Button mDownload;

View mView;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bsc\_ii.xml**

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

<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.bscII">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</android.support.constraint.ConstraintLayout>

**rbscII.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/2/2018.

\*/

public class rbscII {

private String Title, Desc, ImageUri;

public rbscII() { }

public rbscII(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbscii.xml**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>

**bscIII.java**

package com.example.pavanm.firebaseloginregister;

import android.app.AlertDialog;

import android.app.DownloadManager;

import android.content.Context;

import android.content.DialogInterface;

import android.net.Uri;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

import com.firebase.ui.database.FirebaseRecyclerAdapter;

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.squareup.picasso.Picasso;

public class bscIII extends AppCompatActivity {

private RecyclerView rv;

private DatabaseReference mDatabase, DatabaseDownload ;

DownloadManager downloadManager;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_bsc\_iii);

DatabaseDownload = FirebaseDatabase.getInstance().getReference().child("bscIII");

mDatabase = FirebaseDatabase.getInstance().getReference().child("bscIII");

rv = (RecyclerView) findViewById(R.id.recycleview);

rv.setHasFixedSize(true);

rv.setLayoutManager(new LinearLayoutManager(this));

}

@Override

protected void onStart() {

super.onStart();

FirebaseRecyclerAdapter<rbscIII, PostViewHolder> firebaseRecyclerAdapter = new FirebaseRecyclerAdapter<rbscIII, PostViewHolder>

(rbscIII.class, R.layout.recycbsciii, PostViewHolder.class, mDatabase) {

@Override

protected void populateViewHolder(PostViewHolder viewHolder, rbscIII model, int position) {

viewHolder.setTitle(model.getTitle());

viewHolder.setDesc(model.getDesc());

viewHolder.setImage(getApplicationContext(), model.getImageUri());

final String Image\_key = getRef(position).getKey();

viewHolder.mRemove.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

View view1 = LayoutInflater.from(bscIII.this).inflate(R.layout.dialo, null);

final EditText et = (EditText) view1.findViewById(R.id.etDail);

AlertDialog alertDialog = new AlertDialog.Builder(bscIII.this)

.setView(view1)

.setTitle("REMOVE POST")

.setMessage("Please enter your authentication code to remove the post permanently")

.setPositiveButton("Remove", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

String rem = et.getText().toString();

if (rem.equals("qwerty")) {

Toast.makeText(bscIII.this, "Post removed successfully", Toast.LENGTH\_LONG).show();

mDatabase.child(Image\_key).removeValue();

}

else

Toast.makeText(bscIII.this, "Unauthorized code used", Toast.LENGTH\_LONG).show();

}

})

.setNegativeButton("Cancel", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

dialogInterface.cancel();

}

})

.show();

}

});

viewHolder.mDownload.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

DatabaseDownload.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(DataSnapshot dataSnapshot) {

String imageUri = dataSnapshot.child(Image\_key).child("ImageUri").getValue(String.class);

downloadManager = (DownloadManager)getSystemService(Context.DOWNLOAD\_SERVICE);

Uri uri = Uri.parse(imageUri);

DownloadManager.Request request = new DownloadManager.Request(uri);

request.setNotificationVisibility(DownloadManager.Request.VISIBILITY\_VISIBLE\_NOTIFY\_COMPLETED); Toast.makeText(bscIII.this , "Download has started in notification", Toast.LENGTH\_LONG).show();

long ref = downloadManager.enqueue(request);

}

@Override

public void onCancelled(DatabaseError databaseError) {

}

});

}

});

}

};

rv.setAdapter(firebaseRecyclerAdapter );

}

public static class PostViewHolder extends RecyclerView.ViewHolder {

Button mRemove;

Button mDownload;

View mView;

public PostViewHolder(View itemView) {

super(itemView);

mView = itemView;

mDownload = (Button) mView.findViewById(R.id.btnDownload);

mRemove = (Button) mView.findViewById(R.id.btnremove);

}

public void setTitle(String title){

TextView post\_title = (TextView) mView.findViewById(R.id.postTitle);

post\_title.setText(title);

}

public void setDesc(String desc){

TextView post\_desc = (TextView) mView.findViewById(R.id.postDescription);

post\_desc.setText(desc);

}

public void setImage(Context ctx, String imageUri) {

ImageView post\_image = (ImageView) mView.findViewById(R.id.postImage);

Picasso.with(ctx).load(imageUri).into(post\_image);

}

}

}

**activity\_bsc\_iii.xml**

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

<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.example.pavanm.firebaseloginregister.bscIII">

<android.support.v7.widget.RecyclerView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

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

</android.support.v7.widget.RecyclerView>

</android.support.constraint.ConstraintLayout>

**rbscIII.java**

package com.example.pavanm.firebaseloginregister;

/\*\*

\* Created by PavanM on 2/2/2018.

\*/

public class rbscIII {

private String Title, Desc, ImageUri;

public rbscIII() { }

public rbscIII(String title, String desc, String imageUri) {

this.Title = title;

this.Desc = desc;

this.ImageUri = imageUri;

}

public String getTitle() {

return Title;

}

public void setTitle(String title) {

this.Title = title;

}

public String getDesc() {

return Desc;

}

public void setDesc(String desc) {

this.Desc = desc;

}

public String getImageUri() {

return ImageUri;

}

public void setImageUri(String imageUri) {

this.ImageUri = imageUri;

}

}

**recycbsciii.xml**

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

<android.support.v7.widget.CardView 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:layout\_margin="20dp">

<RelativeLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:background="@color/dgrey"

android:orientation="vertical">

<ImageView

android:id="@+id/postImage"

android:layout\_width="match\_parent"

android:layout\_height="250dp"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:background="@color/white"

android:src="@drawable/common\_google\_signin\_btn\_text\_dark" />

<TextView

android:id="@+id/postDescription"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postTitle"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textColor="@color/colorPrimary"

android:textSize="15dp"

android:textStyle="italic" />

<TextView

android:id="@+id/postTitle"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postImage"

android:background="@color/white"

android:paddingHorizontal="10dp"

android:paddingVertical="10dp"

android:textAllCaps="true"

android:textColor="@color/colorPrimary"

android:textSize="17dp"

android:textStyle="bold" />

<Button

android:id="@+id/btnDownload"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentStart="true"

android:layout\_below="@+id/postDescription"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_file\_download\_white\_24dp"

android:text="DOWNLOAD"

android:textColor="@color/grey"

android:textSize="12dp"

android:textStyle="italic" />

<Button

android:id="@+id/btnremove"

android:layout\_width="wrap\_content"

android:layout\_height="35dp"

android:layout\_alignParentEnd="true"

android:layout\_below="@+id/postDescription"

android:layout\_marginEnd="6dp"

android:background="@drawable/xxx"

android:drawableLeft="@mipmap/ic\_delete\_white\_24dp"

android:text="REMOVE POST"

android:textColor="@color/white"

android:textSize="11dp"

android:textStyle="italic" />

</RelativeLayout>

</android.support.v7.widget.CardView>