Addfeedback:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.RatingBar;  
import android.widget.Spinner;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserBeauty;  
import com.example.haithem\_camelbuysellapp.UserFeedback;  
import com.example.haithem\_camelbuysellapp.UserInformation;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
  
import java.util.ArrayList;  
import java.util.List;  
  
public class AddFeedback extends AppCompatActivity {  
 TextView rateCount, showRating;  
 EditText review;  
 Button submit;  
 RatingBar ratingBar;  
 float rateValue;  
 FirebaseAuth firebaseAuth;  
 FirebaseUser user;  
 String temp;  
 String rev, r\_count, r\_ser\_name;  
 Spinner spinner, spinnerSeller;  
 String[] category= {"Select Category","Camel","Camel Meat", "Camel Beauty Ornaments"};  
 String s, value, s1, value1;  
 String final\_sellerName;  
  
 List<String> sellerNames = new ArrayList<>();  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_add\_feedback*);  
  
 firebaseAuth = FirebaseAuth.*getInstance*();  
 user = firebaseAuth.getCurrentUser();  
  
 rateCount= (TextView)findViewById(R.id.*rateCount*);  
 showRating= (TextView) findViewById(R.id.*showRating*);  
 review= (EditText) findViewById(R.id.*review*);  
 submit= (Button) findViewById(R.id.*submitBtn*);  
 ratingBar= (RatingBar) findViewById(R.id.*ratingBar*);  
  
 spinner= (Spinner) findViewById(R.id.*spinner*);  
 spinnerSeller= (Spinner) findViewById(R.id.*spinnerSeller*);  
  
  
 ArrayAdapter<String> adapter= new ArrayAdapter<String>(AddFeedback.this, android.R.layout.*simple\_spinner\_item*, category);  
 adapter.setDropDownViewResource(android.R.layout.*simple\_spinner\_dropdown\_item*);  
 spinner.setAdapter(adapter);  
  
 ArrayAdapter<String> adapter1= new ArrayAdapter<String>(this, android.R.layout.*simple\_spinner\_item*, sellerNames);  
 adapter1.setDropDownViewResource(android.R.layout.*simple\_spinner\_dropdown\_item*);  
 spinnerSeller.setAdapter(adapter1);  
  
 DatabaseReference refm = FirebaseDatabase.*getInstance*().getReference("Users");  
 refm.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 for (DataSnapshot postSnapshot : snapshot.getChildren()) {  
 for (DataSnapshot ds : postSnapshot.getChildren()) {  
 UserInformation userInformation= ds.getValue(UserInformation.class);  
 String seller\_na= userInformation.getUserName();  
 sellerNames.add(seller\_na);  
 }  
  
 }  
 adapter1.notifyDataSetChanged();  
 }  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(AddFeedback.this, error.getMessage(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
  
  
 spinner.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {  
 @Override  
 public void onItemSelected(AdapterView<?> adapterView, View view, int i, long l) {  
 value= adapterView.getItemAtPosition(i).toString();  
 s= value;  
 }  
 @Override  
 public void onNothingSelected(AdapterView<?> adapterView) {  
  
 }  
 });  
  
 spinnerSeller.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {  
 @Override  
 public void onItemSelected(AdapterView<?> adapterView, View view, int i, long l) {  
 value1= adapterView.getItemAtPosition(i).toString();  
 s1= value1;  
 }  
 @Override  
 public void onNothingSelected(AdapterView<?> adapterView) {  
  
 }  
 });  
  
 ratingBar.setOnRatingBarChangeListener(new RatingBar.OnRatingBarChangeListener() {  
 @Override  
 public void onRatingChanged(RatingBar ratingBar, float v, boolean b) {  
 rateValue= ratingBar.getRating();  
 if (rateValue<=1 && rateValue>0)  
 rateCount.setText("Bad "+rateValue + "/5");  
 else if (rateValue<=2 && rateValue>1)  
 rateCount.setText("OK "+rateValue + "/5");  
 else if (rateValue<=3 && rateValue>2)  
 rateCount.setText("Good "+rateValue + "/5");  
 else if (rateValue<=4 && rateValue>3)  
 rateCount.setText("Very Good "+rateValue + "/5");  
 else if (rateValue<=5 && rateValue>4)  
 rateCount.setText("Best "+rateValue + "/5");  
  
 }  
 });  
 submit.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 if (valid()){  
 if (valid1()) {  
 if (validSellerName()){  
 temp = rateCount.getText().toString();  
 if (user != null) {  
 DatabaseReference ref = FirebaseDatabase.*getInstance*().getReference("Feedbacks");  
 UserFeedback userFeedback = new UserFeedback(r\_ser\_name, temp, rev, final\_sellerName);  
 ref.child(ref.push().getKey()).setValue(userFeedback);  
 Toast.*makeText*(AddFeedback.this, "Feedback Submitted Successfully", Toast.*LENGTH\_SHORT*).show();  
 showRating.setText("Your Rating: \n" + "Catagory: " + r\_ser\_name + "\nItem Rating: " + temp + "\nComment: " + review.getText() +"\nSeller Name: "+ final\_sellerName);  
 review.setText("");  
 ratingBar.setRating(0);  
 rateCount.setText("");  
 }  
 }  
 }  
 }  
 }  
 });  
 }  
  
 private Boolean valid() {  
 boolean result = false;  
 rev = review.getText().toString();  
 r\_count= rateCount.getText().toString();  
  
 if (rev.isEmpty() || r\_count.isEmpty()) {  
 Toast.*makeText*(this, "Enter all the required details", Toast.*LENGTH\_SHORT*).show();  
 } else {  
 result = true;  
 }  
 return result;  
 }  
  
 private Boolean valid1(){  
 boolean result= false;  
 r\_ser\_name= s;  
  
 if(r\_ser\_name.equals("Select Category")){  
 Toast.*makeText*(this, "Select any Category First", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 result= true;  
 }  
 return result;  
 }  
 private Boolean validSellerName(){  
 boolean result= false;  
 final\_sellerName= s1;  
  
 if(final\_sellerName.isEmpty()){  
 Toast.*makeText*(this, "Select any Seller First", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 result= true;  
 }  
 return result;  
 }  
  
 @Override  
 public void onBackPressed() {  
 super.onBackPressed();  
 startActivity(new Intent(AddFeedback.this, BuyerHome.class));  
 finish();  
 }  
}

BuyBeauty:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.annotation.SuppressLint;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ProgressBar;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserBeauty;  
import com.example.haithem\_camelbuysellapp.UserCamel;  
import com.example.haithem\_camelbuysellapp.UserCart;  
import com.example.haithem\_camelbuysellapp.UserInformation;  
import com.example.haithem\_camelbuysellapp.seller.AddBeauty;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
import com.google.firebase.storage.FirebaseStorage;  
  
import java.util.ArrayList;  
import java.util.List;  
  
public class BuyBeauty extends AppCompatActivity implements ImageAdapterBuyBeauty.OnItemClickListener{  
 private RecyclerView mRecyclerView;  
 private ImageAdapterBuyBeauty mAdapter;  
 private DatabaseReference mDatabaseRef;  
 private FirebaseStorage mStrorage;  
 private FirebaseAuth firebaseAuth;  
  
 private ValueEventListener mDBListener;  
 private FirebaseUser user;  
 private List<UserBeauty> mUploads, mUploads1;  
 private ProgressBar mProgressCircle;  
 private FirebaseDatabase firebaseDatabase;  
  
 String im\_name, im\_price, im\_size, im\_detail, im\_pic;  
 String s\_name, s\_phone;  
  
  
 @SuppressLint("MissingInflatedId")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_buy\_beauty*);  
  
 firebaseAuth = FirebaseAuth.*getInstance*();  
 user = firebaseAuth.getCurrentUser();  
 mStrorage = FirebaseStorage.*getInstance*();  
  
 mRecyclerView = (RecyclerView) findViewById(R.id.*recycler\_view9*);  
 mRecyclerView.setHasFixedSize(true);  
 mRecyclerView.setLayoutManager(new LinearLayoutManager(this));  
 mProgressCircle = (ProgressBar) findViewById(R.id.*progress\_circle9*);  
  
 mUploads = new ArrayList<>();  
 mUploads1 = new ArrayList<>();  
 mAdapter = new ImageAdapterBuyBeauty(BuyBeauty.this, mUploads);  
 mRecyclerView.setAdapter(mAdapter);  
 mAdapter.setOnItemClickListener(BuyBeauty.this);  
  
 mDatabaseRef = FirebaseDatabase.*getInstance*().getReference("Items");  
 mDBListener = mDatabaseRef.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 mUploads.clear();  
 for (DataSnapshot postSnapshot : snapshot.getChildren()) {  
 for (DataSnapshot ds : postSnapshot.child("beauty").getChildren()) {  
 UserBeauty userBeauty = ds.getValue(UserBeauty.class);  
 userBeauty.setKey(ds.getKey());  
 mUploads.add(userBeauty);  
 UserBeauty userBeauty1= postSnapshot.getValue(UserBeauty.class);  
 userBeauty1.setKey(postSnapshot.getKey());  
 mUploads1.add(userBeauty1);  
 }  
  
 }  
 mAdapter.notifyDataSetChanged();  
 mProgressCircle.setVisibility(View.*INVISIBLE*);  
 }  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(BuyBeauty.this, error.getMessage(), Toast.*LENGTH\_SHORT*).show();  
 mProgressCircle.setVisibility(View.*INVISIBLE*);  
 }  
 });  
 }  
  
 @Override  
 public void onItemClick(int position) {  
 UserBeauty selectUId= mUploads1.get(position);  
 final String selectedUID= selectUId.getKey();  
  
 UserBeauty selectedItem = mUploads.get(position);  
 final String selectedKey = selectedItem.getKey();  
  
 final DatabaseReference ref1 = FirebaseDatabase.*getInstance*().getReference("Items").child(selectedUID).child("beauty").child(selectedKey);  
 ref1.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(DataSnapshot dataSnapshot) {  
 UserCamel userUpload= dataSnapshot.getValue(UserCamel.class);  
 im\_name = userUpload.getItemName();  
 im\_price = userUpload.getItemPrice();  
 im\_detail= userUpload.getItemSpecification();  
 im\_pic = userUpload.getItemUrl();  
 s\_name= userUpload.getItemSName();  
 s\_phone=userUpload.getItemSPhone();  
  
 DatabaseReference ref3= FirebaseDatabase.*getInstance*().getReference("Cart").child(user.getUid()).child("my");  
 UserCart userCart = new UserCart(im\_name, im\_price, im\_detail, im\_pic, selectedKey, selectedUID, s\_name, s\_phone);  
 ref3.child(ref3.push().getKey()).setValue(userCart);  
 startActivity(new Intent(BuyBeauty.this, BuyerHome.class));  
 Toast.*makeText*(BuyBeauty.this, "Item added to Cart Successfully", Toast.*LENGTH\_SHORT*).show();  
 finish();  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
  
  
 }  
  
 @Override  
 protected void onDestroy() {  
 super.onDestroy();  
 mDatabaseRef.removeEventListener(mDBListener);  
 }  
  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(BuyBeauty.this, BuyerSelectCategory.class));  
 finish();  
 }  
}

BuyCamel:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ProgressBar;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserCamel;  
import com.example.haithem\_camelbuysellapp.UserCart;  
import com.example.haithem\_camelbuysellapp.UserInformation;  
import com.example.haithem\_camelbuysellapp.seller.ImageAdapterUpdateCamel;  
import com.example.haithem\_camelbuysellapp.seller.SellerSelectCategory1;  
import com.example.haithem\_camelbuysellapp.seller.UpdateCamel;  
import com.example.haithem\_camelbuysellapp.seller.UpdateCamelOpen;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
import com.google.firebase.storage.FirebaseStorage;  
  
import java.util.ArrayList;  
import java.util.List;  
  
public class BuyCamel extends AppCompatActivity implements ImageAdapterBuyCamel.OnItemClickListener{  
 private RecyclerView mRecyclerView;  
 private ImageAdapterBuyCamel mAdapter;  
 private DatabaseReference mDatabaseRef;  
 private FirebaseStorage mStrorage;  
 private FirebaseAuth firebaseAuth;  
  
 private ValueEventListener mDBListener;  
 private FirebaseUser user;  
 private List<UserCamel> mUploads, mUploads1;  
 private ProgressBar mProgressCircle;  
 private FirebaseDatabase firebaseDatabase;  
 String s\_name, s\_phone;  
  
 String im\_name, im\_price, im\_size, im\_detail, im\_pic;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_buy\_camel*);  
  
 firebaseAuth = FirebaseAuth.*getInstance*();  
 user = firebaseAuth.getCurrentUser();  
 mStrorage = FirebaseStorage.*getInstance*();  
  
 mRecyclerView = (RecyclerView) findViewById(R.id.*recycler\_view7*);  
 mRecyclerView.setHasFixedSize(true);  
 mRecyclerView.setLayoutManager(new LinearLayoutManager(this));  
 mProgressCircle = (ProgressBar) findViewById(R.id.*progress\_circle7*);  
  
 mUploads = new ArrayList<>();  
 mUploads1 = new ArrayList<>();  
 mAdapter = new ImageAdapterBuyCamel(BuyCamel.this, mUploads);  
 mRecyclerView.setAdapter(mAdapter);  
 mAdapter.setOnItemClickListener(BuyCamel.this);  
  
 mDatabaseRef = FirebaseDatabase.*getInstance*().getReference("Items");  
 mDBListener = mDatabaseRef.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 mUploads.clear();  
 for (DataSnapshot postSnapshot : snapshot.getChildren()) {  
 for (DataSnapshot ds : postSnapshot.child("camel").getChildren()) {  
 UserCamel userCamel = ds.getValue(UserCamel.class);  
 userCamel.setKey(ds.getKey());  
 mUploads.add(userCamel);  
 UserCamel userCamel1= postSnapshot.getValue(UserCamel.class);  
 userCamel1.setKey(postSnapshot.getKey());  
 mUploads1.add(userCamel1);  
 }  
  
 }  
 mAdapter.notifyDataSetChanged();  
 mProgressCircle.setVisibility(View.*INVISIBLE*);  
 }  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(BuyCamel.this, error.getMessage(), Toast.*LENGTH\_SHORT*).show();  
 mProgressCircle.setVisibility(View.*INVISIBLE*);  
 }  
 });  
 }  
  
 @Override  
 public void onItemClick(int position) {  
 UserCamel selectUId= mUploads1.get(position);  
 final String selectedUID= selectUId.getKey();  
  
 UserCamel selectedItem = mUploads.get(position);  
 final String selectedKey = selectedItem.getKey();  
  
 final DatabaseReference ref1 = FirebaseDatabase.*getInstance*().getReference("Items").child(selectedUID).child("camel").child(selectedKey);  
 ref1.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(DataSnapshot dataSnapshot) {  
 UserCamel userUpload= dataSnapshot.getValue(UserCamel.class);  
 im\_name = userUpload.getItemName();  
 im\_price = userUpload.getItemPrice();  
 im\_detail= userUpload.getItemSpecification();  
 im\_pic = userUpload.getItemUrl();  
 s\_name= userUpload.getItemSName();  
 s\_phone=userUpload.getItemSPhone();  
  
  
 DatabaseReference ref3= FirebaseDatabase.*getInstance*().getReference("Cart").child(user.getUid()).child("my");  
 UserCart userCart = new UserCart(im\_name, im\_price, im\_detail, im\_pic, selectedKey, selectedUID, s\_name, s\_phone);  
 ref3.child(ref3.push().getKey()).setValue(userCart);  
 startActivity(new Intent(BuyCamel.this, BuyerHome.class));  
 Toast.*makeText*(BuyCamel.this, "Item added to Cart Successfully", Toast.*LENGTH\_SHORT*).show();  
 finish();  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
  
  
 }  
  
 @Override  
 protected void onDestroy() {  
 super.onDestroy();  
 mDatabaseRef.removeEventListener(mDBListener);  
 }  
  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(BuyCamel.this, BuyerSelectCategory.class));  
 finish();  
 }  
}

BuyerDeleteAccunt:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.annotation.SuppressLint;  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.net.ConnectivityManager;  
import android.net.NetworkInfo;  
import android.os.Bundle;  
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.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserInformation;  
import com.example.haithem\_camelbuysellapp.UserType;  
import com.example.haithem\_camelbuysellapp.seller.SellerDeleteAccount;  
import com.example.haithem\_camelbuysellapp.seller.SellerHome;  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthCredential;  
import com.google.firebase.auth.EmailAuthProvider;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
  
public class BuyerDeleteAccount extends AppCompatActivity {  
 private TextView u\_fname, u\_phone, u\_add;  
 private FirebaseAuth firebaseAuth;  
 private FirebaseUser user;  
 private Button del\_acc;  
 NetworkInfo nInfo;  
 private EditText d\_email, d\_password;  
 private FirebaseDatabase firebaseDatabase;  
 DatabaseReference ref;  
 String password1, email1;  
 public static final String *SHARED\_PREFS*= "sharedPrefs";  
  
 @SuppressLint("MissingInflatedId")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_buyer\_delete\_account*);  
  
 firebaseAuth = FirebaseAuth.*getInstance*();  
 ConnectivityManager cManager = (ConnectivityManager) getSystemService(this.*CONNECTIVITY\_SERVICE*);  
 nInfo = cManager.getActiveNetworkInfo();  
  
 firebaseDatabase = FirebaseDatabase.*getInstance*();  
 user = FirebaseAuth.*getInstance*().getCurrentUser();  
 ref = FirebaseDatabase.*getInstance*().getReference("Users").child(user.getUid()).child("Profile");  
  
 del\_acc = (Button) findViewById(R.id.*del\_acc1*);  
 u\_fname = (TextView) findViewById(R.id.*u\_fname1*);  
 u\_phone = (TextView) findViewById(R.id.*u\_phone1*);  
 u\_add = (TextView) findViewById(R.id.*u\_add1*);  
  
 d\_email = findViewById(R.id.*d\_email1*);  
 d\_password = findViewById(R.id.*d\_password1*);  
  
  
 ref.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(DataSnapshot dataSnapshot) {  
 UserInformation userInfo = dataSnapshot.getValue(UserInformation.class);  
 u\_fname.setText("UserName: " +userInfo.getUserName());  
 u\_phone.setText("Phone no.: "+userInfo.getUserPhone());  
 u\_add.setText("Address: "+userInfo.getUserAddress());  
 }  
  
 @Override  
 public void onCancelled(DatabaseError databaseError) {  
 Toast.*makeText*(BuyerDeleteAccount.this, databaseError.getCode(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
  
  
 del\_acc.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if (valid()){  
 //ref.getRef().removeValue();  
 delete\_user();  
 }  
 }  
 });  
 }  
  
 private void delete\_user() {  
 FirebaseUser user1 = FirebaseAuth.*getInstance*().getCurrentUser();  
 AuthCredential credential = EmailAuthProvider.*getCredential*(email1, password1);  
 if(nInfo!=null && nInfo.isConnected()) {  
 if (user1 != null) {  
 user1.reauthenticate(credential)  
 .addOnCompleteListener(new OnCompleteListener<Void>() {  
 @Override  
 public void onComplete(@NonNull Task<Void> task) {  
 user1.delete()  
 .addOnCompleteListener(new OnCompleteListener<Void>() {  
 @Override  
 public void onComplete(@NonNull Task<Void> task) {  
 if (task.isSuccessful()) {  
 ref.getRef().removeValue();  
 Log.*d*("TAG", "User account deleted");  
 Toast.*makeText*(BuyerDeleteAccount.this, "Account Deleted,", Toast.*LENGTH\_LONG*).show();  
 SharedPreferences sharedPreferences = getSharedPreferences(*SHARED\_PREFS*, *MODE\_PRIVATE*);  
 SharedPreferences.Editor editor= sharedPreferences.edit();  
 editor.clear();  
 editor.commit();  
 firebaseAuth.signOut();  
 startActivity(new Intent(BuyerDeleteAccount.this, UserType.class));  
 finish();  
  
 }  
 }  
 });  
 }  
 });  
 }  
 }  
 }  
  
 private Boolean valid(){  
 boolean result= false;  
 password1= d\_password.getText().toString();  
 email1= d\_email.getText().toString();  
  
 if(password1.isEmpty() || email1.isEmpty()){  
 Toast.*makeText*(this, "Please enter email & password both", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 result= true;  
 }  
 return result;  
 }  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(BuyerDeleteAccount.this, BuyerHome.class));  
 finish();  
 }  
}

BuyerHome:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserType;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
  
public class BuyerHome extends AppCompatActivity {  
 Button buy, cart, viewProfile, feedback, logout, deleteAcc;  
  
 public static final String *SHARED\_PREFS*= "sharedPrefs";  
  
 FirebaseAuth firebaseAuth;  
 FirebaseUser user;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_buyer\_home*);  
  
 buy= findViewById(R.id.*buy*);  
 cart= findViewById(R.id.*cart*);  
 viewProfile= findViewById(R.id.*viewProfile1*);  
 feedback= findViewById(R.id.*addFeed*);  
 logout= findViewById(R.id.*logout1*);  
 deleteAcc= findViewById(R.id.*deleteAcc1*);  
  
 firebaseAuth= FirebaseAuth.*getInstance*();  
 user = firebaseAuth.getCurrentUser();  
  
 buy.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerHome.this, BuyerSelectCategory.class));  
 finish();  
 }  
 });  
  
 cart.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerHome.this, Cart.class));  
 finish();  
 }  
 });  
  
 viewProfile.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerHome.this, BuyerProfile.class));  
 finish();  
 }  
 });  
  
 feedback.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerHome.this, AddFeedback.class));  
 finish();  
 }  
 });  
  
 deleteAcc.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerHome.this, BuyerDeleteAccount.class));  
 finish();  
 }  
 });  
  
  
 logout.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 SharedPreferences sharedPreferences = getSharedPreferences(*SHARED\_PREFS*, *MODE\_PRIVATE*);  
 SharedPreferences.Editor editor= sharedPreferences.edit();  
 editor.clear();  
 editor.commit();  
 firebaseAuth.signOut();  
 finish();  
 Toast.*makeText*(BuyerHome.this, "Account Logout", Toast.*LENGTH\_SHORT*).show();  
 startActivity(new Intent(BuyerHome.this, UserType.class));  
 }  
 });  
 }  
  
 @Override  
 public void onBackPressed() {  
 //Display alert message when back button has been pressed  
 finish();  
 }  
}

BuyerLogin:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.app.ProgressDialog;  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.graphics.Paint;  
import android.net.ConnectivityManager;  
import android.net.NetworkInfo;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserType;  
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;  
import com.google.firebase.auth.FirebaseUser;  
  
public class BuyerLogin extends AppCompatActivity {  
 private FirebaseAuth firebaseAuth;  
 private EditText p\_email, p\_password;  
 private TextView sign, forgetP;  
 private Button login;  
 private FirebaseUser user;  
 private ProgressDialog progressDialog;  
 NetworkInfo nInfo;  
 String ff1;  
 public static final String *SHARED\_PREFS*= "sharedPrefs";  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_buyer\_login*);  
  
 p\_email= (EditText) findViewById(R.id.*p\_email*);  
 p\_password= (EditText) findViewById(R.id.*p\_password*);  
 sign= (TextView) findViewById(R.id.*sign*);  
 login= (Button) findViewById(R.id.*login*);  
 forgetP= (TextView) findViewById(R.id.*forget*);  
 forgetP.setPaintFlags(forgetP.getPaintFlags() | Paint.*UNDERLINE\_TEXT\_FLAG*);  
  
  
 firebaseAuth= FirebaseAuth.*getInstance*();  
 progressDialog= new ProgressDialog(this);  
 user= firebaseAuth.getCurrentUser();  
  
 ConnectivityManager cManager = (ConnectivityManager) getSystemService(this.*CONNECTIVITY\_SERVICE*);  
 nInfo = cManager.getActiveNetworkInfo();  
  
 //to keep user logged in this method calll  
  
 login.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if (valid()) {  
 if(nInfo!=null && nInfo.isConnected()) {  
 progressDialog.setMessage("Wait for the authentication approval");  
 progressDialog.show();  
 String ema\_user = p\_email.getText().toString().trim();  
 String pas\_user = p\_password.getText().toString().trim();  
 firebaseAuth.signInWithEmailAndPassword(ema\_user, pas\_user).addOnCompleteListener(new OnCompleteListener<AuthResult>() {  
 @Override  
 public void onComplete(@NonNull Task<AuthResult> task) {  
 if (task.isSuccessful()) {  
 progressDialog.dismiss();  
  
 //to keep user logged in  
 SharedPreferences sharedPreferences = getSharedPreferences(*SHARED\_PREFS*, *MODE\_PRIVATE*);  
 SharedPreferences.Editor editor= sharedPreferences.edit();  
 editor.putString("name", "buyer");  
 editor.apply();  
 //end  
  
 Toast.*makeText*(BuyerLogin.this, "Successful Login", Toast.*LENGTH\_LONG*).show();  
 startActivity(new Intent(BuyerLogin.this, BuyerHome.class));  
 finish();  
  
 } else {  
 Toast.*makeText*(BuyerLogin.this, "Login Failed", Toast.*LENGTH\_SHORT*).show();  
 progressDialog.dismiss();  
 }  
 }  
 });  
 } else {  
 Toast.*makeText*(BuyerLogin.this, "Network is not available", Toast.*LENGTH\_LONG*).show();}  
  
 }  
 }  
 });  
  
 sign.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerLogin.this, BuyerRegistration.class));  
 finish();  
 }  
 });  
  
 forgetP.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerLogin.this, ForgetPassword.class));  
 finish();  
 }  
 });  
  
 }  
 private Boolean valid(){  
 boolean result= false;  
 String password= p\_email.getText().toString();  
 String email= p\_password.getText().toString();  
  
 if(password.isEmpty() || email.isEmpty()){  
 Toast.*makeText*(this, "Fill both options", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 result= true;  
 }  
 return result;  
 }  
  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(BuyerLogin.this, UserType.class));  
 finish();  
 }  
}

BuyerProfile:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.annotation.SuppressLint;  
import android.content.Intent;  
import android.net.ConnectivityManager;  
import android.net.NetworkInfo;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserInformation;  
import com.example.haithem\_camelbuysellapp.seller.SellerHome;  
import com.example.haithem\_camelbuysellapp.seller.SellerProfile;  
import com.example.haithem\_camelbuysellapp.seller.SellerUpdateProfile;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
  
public class BuyerProfile extends AppCompatActivity {  
 private TextView u\_fname, u\_phone, u\_add;  
 private FirebaseAuth firebaseAuth;  
 private FirebaseUser user;  
 private Button update;  
 NetworkInfo nInfo;  
 private FirebaseDatabase firebaseDatabase;  
 String ff1;  
  
 @SuppressLint("MissingInflatedId")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_buyer\_profile*);  
  
 firebaseAuth = FirebaseAuth.*getInstance*();  
 user = firebaseAuth.getCurrentUser();  
  
 update=(Button) findViewById(R.id.*v\_update1*);  
 u\_fname= (TextView) findViewById(R.id.*uv\_fname1*);  
 u\_phone= (TextView) findViewById(R.id.*uv\_phone1*);  
 u\_add= (TextView) findViewById(R.id.*uv\_add1*);  
  
 ConnectivityManager cManager = (ConnectivityManager) getSystemService(this.*CONNECTIVITY\_SERVICE*);  
 nInfo = cManager.getActiveNetworkInfo();  
  
 firebaseAuth= FirebaseAuth.*getInstance*();  
 firebaseDatabase= FirebaseDatabase.*getInstance*();  
 //get firebase user  
 user = FirebaseAuth.*getInstance*().getCurrentUser();  
 final DatabaseReference ref = FirebaseDatabase.*getInstance*().getReference("Users").child(user.getUid()).child("Profile");  
 ref.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(DataSnapshot dataSnapshot) {  
 UserInformation userInformation= dataSnapshot.getValue(UserInformation.class);  
 u\_fname.setText(userInformation.getUserName());  
 u\_phone.setText(userInformation.getUserPhone());  
 u\_add.setText(userInformation.getUserAddress());  
 }  
  
 @Override  
 public void onCancelled(DatabaseError databaseError) {  
 Toast.*makeText*(BuyerProfile.this, databaseError.getCode(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
  
  
 update.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerProfile.this, BuyerUpdateProfile.class));  
 finish();  
 }  
 });  
 }  
  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(BuyerProfile.this, BuyerHome.class));  
 finish();  
 }  
}

Buyer Registration:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.net.ConnectivityManager;  
import android.net.NetworkInfo;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserInformation;  
import com.example.haithem\_camelbuysellapp.seller.SellerRegistration;  
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;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
  
public class BuyerRegistration extends AppCompatActivity {  
 private FirebaseAuth firebaseAuth;  
 NetworkInfo nInfo;  
 private EditText email, password, cPassword, name, phone, address;  
 private Button signup;  
 String user\_email, user\_password, user\_cPassword, user\_name, user\_phone, user\_address;  
 private TextView log;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_buyer\_registration*);  
  
 firebaseAuth= FirebaseAuth.*getInstance*();  
 ConnectivityManager cManager = (ConnectivityManager) getSystemService(this.*CONNECTIVITY\_SERVICE*);  
  
 nInfo = cManager.getActiveNetworkInfo();  
  
 email= (EditText) findViewById(R.id.*email*);  
 password= (EditText) findViewById(R.id.*password*);  
 cPassword= (EditText) findViewById(R.id.*c\_password*) ;  
 name= (EditText) findViewById(R.id.*name*);  
 phone= (EditText) findViewById(R.id.*phone*);  
 signup= (Button) findViewById(R.id.*signup*);  
 log= (TextView) findViewById(R.id.*log*);  
 address= (EditText) findViewById(R.id.*address*);  
  
 signup.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if (validate()) {  
 if (emailVerify()){  
 if (phoneVerify()){  
 if (paswordlength()) {  
 if (paswordmatch()) {  
 if (nInfo != null && nInfo.isConnected()) {  
  
 String email\_user = email.getText().toString().trim();  
 String pass\_user = password.getText().toString().trim();  
 final String phone\_user = phone.getText().toString().trim();  
 final String name\_user = name.getText().toString().trim();  
 final String address\_user = address.getText().toString().trim();  
  
 firebaseAuth.createUserWithEmailAndPassword(email\_user, pass\_user).addOnCompleteListener(new OnCompleteListener<AuthResult>() {  
 @Override  
 public void onComplete(@NonNull Task<AuthResult> task) {  
 if (task.isSuccessful()) {  
 Toast.*makeText*(BuyerRegistration.this, "Successful Registration", Toast.*LENGTH\_SHORT*).show();  
 startActivity(new Intent(BuyerRegistration.this, BuyerLogin.class));  
  
 FirebaseUser firebaseUser = firebaseAuth.getCurrentUser();  
 if (firebaseUser != null) {  
  
 DatabaseReference ref = FirebaseDatabase.*getInstance*().getReference("Users");  
 UserInformation userInformation = new UserInformation(name\_user, phone\_user, address\_user);  
 ref.child(firebaseUser.getUid()).child("Profile").setValue(userInformation);  
 }  
  
 finish();  
  
 } else {  
 Toast.*makeText*(BuyerRegistration.this, "Registration Failed", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 } else {  
 Toast.*makeText*(BuyerRegistration.this, "Network is not available", Toast.*LENGTH\_LONG*).show();  
 }  
 }  
 }  
 }  
 }  
 }  
 }  
 });  
  
 log.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerRegistration.this, BuyerLogin.class));  
 finish();  
 }  
 });  
 }  
  
 private Boolean validate(){  
 boolean result= false;  
  
 user\_email = email.getText().toString();  
 user\_password = password.getText().toString();  
 user\_cPassword= cPassword.getText().toString();  
 user\_name = name.getText().toString();  
 user\_phone = phone.getText().toString();  
 user\_address= address.getText().toString();  
 if(user\_name.isEmpty() || user\_password.isEmpty() || user\_email.isEmpty() ||  
 user\_phone.isEmpty() || user\_cPassword.isEmpty() || user\_address.isEmpty()){  
 Toast.*makeText*(this, "Fill every required information", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 result= true;  
 }  
 return result;  
 }  
  
 private Boolean phoneVerify(){  
 boolean result1= false;  
 if (user\_phone.length() < 8 || user\_phone.length()> 8 ){  
 Toast.*makeText*(this, "Invalid Phone number, Kindly enter correct contact number", Toast.*LENGTH\_SHORT*).show();  
 }else{  
 result1= true;  
 }  
 return result1;  
 }  
 private boolean emailVerify() {  
 String[] allowedDomains = {"@outlook.com", "@gmail.com", "@yahoo.com", "@hotmail.com"};  
  
 // Check if the email ends with any of the allowed domains  
 for (String domain : allowedDomains) {  
 if (user\_email.endsWith(domain)) {  
 return true;  
 }  
 }  
  
 // If it doesn't match any allowed domain, show a message and return false  
 Toast.*makeText*(BuyerRegistration.this, "Invalid email domain. Please enter valid email address", Toast.*LENGTH\_SHORT*).show();  
 return false;  
 }  
  
 private Boolean paswordlength(){  
 boolean result1= false;  
 if (user\_password.length() < 6 ){  
 Toast.*makeText*(this, "Password should be of at-least 6 characters", Toast.*LENGTH\_SHORT*).show();  
 }else{  
 result1= true;  
 }  
 return result1;  
 }  
  
 private Boolean paswordmatch(){  
 boolean result2= false;  
 if (!user\_password.equals(user\_cPassword)){  
 Toast.*makeText*(this, "Password does not match", Toast.*LENGTH\_SHORT*).show();  
 }else{  
 result2= true;  
 }  
 return result2;  
 }  
  
  
 @Override  
 public void onBackPressed() {  
 //Display alert message when back button has been pressed  
 finish();  
 }  
}

BuyeSelectCategory:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ImageButton;  
import android.widget.TextView;  
  
import com.example.haithem\_camelbuysellapp.R;  
  
public class BuyerSelectCategory extends AppCompatActivity {  
 ImageButton camel, meat, beauty;  
 TextView txtCamel, txtMeat, txtBeauty;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_buyer\_select\_category*);  
  
 camel= findViewById(R.id.*camel\_b*);  
 meat= findViewById(R.id.*meat\_b*);  
 beauty= findViewById(R.id.*beauty\_b*);  
 txtCamel= findViewById(R.id.*txtCamel\_b*);  
 txtMeat= findViewById(R.id.*txtMeat\_b*);  
 txtBeauty= findViewById(R.id.*txtBeauty\_b*);  
  
 camel.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerSelectCategory.this, BuyCamel.class));  
 finish();  
 }  
 });  
  
 meat.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerSelectCategory.this, BuyMeat.class));  
 finish();  
 }  
 });  
  
 beauty.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerSelectCategory.this, BuyBeauty.class));  
 finish();  
 }  
 });  
  
 txtCamel.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerSelectCategory.this, BuyCamel.class));  
 finish();  
 }  
 });  
  
 txtMeat.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerSelectCategory.this, BuyMeat.class));  
 finish();  
 }  
 });  
  
 txtBeauty.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(BuyerSelectCategory.this, BuyBeauty.class));  
 finish();  
 }  
 });  
  
 }  
  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(BuyerSelectCategory.this, BuyerHome.class));  
 finish();  
 }  
}

BuyerUpdateProfile:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.annotation.SuppressLint;  
import android.content.Intent;  
import android.net.ConnectivityManager;  
import android.net.NetworkInfo;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserInformation;  
import com.example.haithem\_camelbuysellapp.seller.SellerHome;  
import com.example.haithem\_camelbuysellapp.seller.SellerProfile;  
import com.example.haithem\_camelbuysellapp.seller.SellerUpdateProfile;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
  
public class BuyerUpdateProfile extends AppCompatActivity {  
 private EditText u\_fname, u\_phone, u\_add;  
 private FirebaseAuth firebaseAuth;  
 private FirebaseUser user;  
 private Button update;  
 String user\_fname, user\_uphone, user\_add;  
 NetworkInfo nInfo;  
 private FirebaseDatabase firebaseDatabase;  
 String ff1;  
  
 @SuppressLint("MissingInflatedId")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_buyer\_update\_profile*);  
  
 firebaseAuth = FirebaseAuth.*getInstance*();  
 user = firebaseAuth.getCurrentUser();  
  
 update=(Button) findViewById(R.id.*update1*);  
 u\_fname= (EditText)findViewById(R.id.*u\_fname1*);  
 u\_phone= (EditText)findViewById(R.id.*u\_phone1*);  
 u\_add= (EditText)findViewById(R.id.*u\_add1*);  
  
 ConnectivityManager cManager = (ConnectivityManager) getSystemService(this.*CONNECTIVITY\_SERVICE*);  
 nInfo = cManager.getActiveNetworkInfo();  
  
 firebaseAuth= FirebaseAuth.*getInstance*();  
 firebaseDatabase= FirebaseDatabase.*getInstance*();  
 //get firebase user  
 user = FirebaseAuth.*getInstance*().getCurrentUser();  
 final DatabaseReference ref = FirebaseDatabase.*getInstance*().getReference("Users").child(user.getUid()).child("Profile");  
 ref.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(DataSnapshot dataSnapshot) {  
 UserInformation userInformation= dataSnapshot.getValue(UserInformation.class);  
 u\_fname.setText(userInformation.getUserName());  
 u\_phone.setText(userInformation.getUserPhone());  
 u\_add.setText(userInformation.getUserAddress());  
 }  
  
 @Override  
 public void onCancelled(DatabaseError databaseError) {  
 Toast.*makeText*(BuyerUpdateProfile.this, databaseError.getCode(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
  
  
 update.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if(user!=null){  
 if (validate()) {  
 if (nInfo != null && nInfo.isConnected()) {  
 UserInformation userInformation = new UserInformation(user\_fname, user\_uphone, user\_add);  
 ref.setValue(userInformation);  
 Toast.*makeText*(BuyerUpdateProfile.this, "Profile is Updated", Toast.*LENGTH\_SHORT*).show();  
 startActivity(new Intent(BuyerUpdateProfile.this, BuyerHome.class));  
 finish();  
  
 }  
 } else {  
 Toast.*makeText*(BuyerUpdateProfile.this, "Network is not available", Toast.*LENGTH\_LONG*).show();  
 }  
 }//user null  
 }  
 });  
 }  
  
 private Boolean validate(){  
 boolean result= false;  
  
 user\_fname = u\_fname.getText().toString();  
 user\_uphone=u\_phone.getText().toString();  
 user\_add= u\_add.getText().toString();  
 if(user\_fname.isEmpty() || user\_uphone.isEmpty() || user\_add.isEmpty()){  
 Toast.*makeText*(this, "Fill every required information", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 result= true;  
 }  
 return result;  
 }  
  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(BuyerUpdateProfile.this, BuyerProfile.class));  
 finish();  
 }  
}

BuyMeatL:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.annotation.SuppressLint;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ProgressBar;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserCamel;  
import com.example.haithem\_camelbuysellapp.UserCart;  
import com.example.haithem\_camelbuysellapp.UserInformation;  
import com.example.haithem\_camelbuysellapp.UserMeat;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
import com.google.firebase.storage.FirebaseStorage;  
  
import java.util.ArrayList;  
import java.util.List;  
  
public class BuyMeat extends AppCompatActivity implements ImageAdapterBuyMeat.OnItemClickListener{  
 private RecyclerView mRecyclerView;  
 private ImageAdapterBuyMeat mAdapter;  
 private DatabaseReference mDatabaseRef;  
 private FirebaseStorage mStrorage;  
 private FirebaseAuth firebaseAuth;  
  
 private ValueEventListener mDBListener;  
 private FirebaseUser user;  
 private List<UserMeat> mUploads, mUploads1;  
 private ProgressBar mProgressCircle;  
 private FirebaseDatabase firebaseDatabase;  
 String s\_name, s\_phone;  
  
 String im\_name, im\_price, im\_size, im\_detail, im\_pic;  
  
  
 @SuppressLint("MissingInflatedId")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_buy\_meat*);  
  
 firebaseAuth = FirebaseAuth.*getInstance*();  
 user = firebaseAuth.getCurrentUser();  
 mStrorage = FirebaseStorage.*getInstance*();  
  
 mRecyclerView = (RecyclerView) findViewById(R.id.*recycler\_view8*);  
 mRecyclerView.setHasFixedSize(true);  
 mRecyclerView.setLayoutManager(new LinearLayoutManager(this));  
 mProgressCircle = (ProgressBar) findViewById(R.id.*progress\_circle8*);  
  
 mUploads = new ArrayList<>();  
 mUploads1 = new ArrayList<>();  
 mAdapter = new ImageAdapterBuyMeat(BuyMeat.this, mUploads);  
 mRecyclerView.setAdapter(mAdapter);  
 mAdapter.setOnItemClickListener(BuyMeat.this);  
  
 mDatabaseRef = FirebaseDatabase.*getInstance*().getReference("Items");  
 mDBListener = mDatabaseRef.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 mUploads.clear();  
 for (DataSnapshot postSnapshot : snapshot.getChildren()) {  
 for (DataSnapshot ds : postSnapshot.child("meat").getChildren()) {  
 UserMeat userMeat = ds.getValue(UserMeat.class);  
 userMeat.setKey(ds.getKey());  
 mUploads.add(userMeat);  
 UserMeat userMeat1= postSnapshot.getValue(UserMeat.class);  
 userMeat1.setKey(postSnapshot.getKey());  
 mUploads1.add(userMeat1);  
 }  
  
 }  
 mAdapter.notifyDataSetChanged();  
 mProgressCircle.setVisibility(View.*INVISIBLE*);  
 }  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(BuyMeat.this, error.getMessage(), Toast.*LENGTH\_SHORT*).show();  
 mProgressCircle.setVisibility(View.*INVISIBLE*);  
 }  
 });  
 }  
  
 @Override  
 public void onItemClick(int position) {  
 UserMeat selectUId= mUploads1.get(position);  
 final String selectedUID= selectUId.getKey();  
  
 UserMeat selectedItem = mUploads.get(position);  
 final String selectedKey = selectedItem.getKey();  
  
 final DatabaseReference ref1 = FirebaseDatabase.*getInstance*().getReference("Items").child(selectedUID).child("meat").child(selectedKey);  
 ref1.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(DataSnapshot dataSnapshot) {  
 UserCamel userUpload= dataSnapshot.getValue(UserCamel.class);  
 im\_name = userUpload.getItemName();  
 im\_price = userUpload.getItemPrice();  
 im\_detail= userUpload.getItemSpecification();  
 im\_pic = userUpload.getItemUrl();  
 s\_name= userUpload.getItemSName();  
 s\_phone=userUpload.getItemSPhone();  
  
  
 DatabaseReference ref3= FirebaseDatabase.*getInstance*().getReference("Cart").child(user.getUid()).child("my");  
 UserCart userCart = new UserCart(im\_name, im\_price, im\_detail, im\_pic, selectedKey, selectedUID, s\_name, s\_phone);  
 ref3.child(ref3.push().getKey()).setValue(userCart);  
 startActivity(new Intent(BuyMeat.this, BuyerHome.class));  
 Toast.*makeText*(BuyMeat.this, "Item added to Cart Successfully", Toast.*LENGTH\_SHORT*).show();  
 finish();  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
  
  
 }  
  
 @Override  
 protected void onDestroy() {  
 super.onDestroy();  
 mDatabaseRef.removeEventListener(mDBListener);  
 }  
  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(BuyMeat.this, BuyerSelectCategory.class));  
 finish();  
 }  
}

Cart:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.LinearLayoutManager;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ProgressBar;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserBeauty;  
import com.example.haithem\_camelbuysellapp.UserCamel;  
import com.example.haithem\_camelbuysellapp.UserCart;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
import com.google.firebase.storage.FirebaseStorage;  
  
import java.util.ArrayList;  
import java.util.List;  
  
public class Cart extends AppCompatActivity implements ImageAdapterCart.OnItemClickListener{  
 private RecyclerView mRecyclerView;  
 private ImageAdapterCart mAdapter;  
 private DatabaseReference mDatabaseRef;  
 private FirebaseStorage mStrorage;  
 private FirebaseAuth firebaseAuth;  
  
 private ValueEventListener mDBListener;  
 private FirebaseUser user;  
 private List<UserCart> mUploads, mUploads1;  
 private ProgressBar mProgressCircle;  
 private FirebaseDatabase firebaseDatabase;  
  
 String im\_name, im\_price, im\_size, im\_detail, im\_pic;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_cart*);  
  
 firebaseAuth = FirebaseAuth.*getInstance*();  
 user = firebaseAuth.getCurrentUser();  
 mStrorage = FirebaseStorage.*getInstance*();  
  
 mRecyclerView = (RecyclerView) findViewById(R.id.*recycler\_view10*);  
 mRecyclerView.setHasFixedSize(true);  
 mRecyclerView.setLayoutManager(new LinearLayoutManager(this));  
 mProgressCircle = (ProgressBar) findViewById(R.id.*progress\_circle10*);  
  
 mUploads = new ArrayList<>();  
 mUploads1 = new ArrayList<>();  
 mAdapter = new ImageAdapterCart(Cart.this, mUploads);  
 mRecyclerView.setAdapter(mAdapter);  
 mAdapter.setOnItemClickListener(Cart.this);  
  
 mStrorage = FirebaseStorage.*getInstance*();  
 mDatabaseRef = FirebaseDatabase.*getInstance*().getReference("Cart").child(user.getUid()).child("my");  
 mDBListener = mDatabaseRef.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 mUploads.clear();  
 for (DataSnapshot postSnapshot : snapshot.getChildren()) {  
 if (postSnapshot.exists()) {  
 UserCart userCart = postSnapshot.getValue(UserCart.class);  
 userCart.setKey(postSnapshot.getKey());  
 mUploads.add(userCart);  
 }  
 if (!postSnapshot.exists()) {  
 Toast.*makeText*(Cart.this, "", Toast.*LENGTH\_SHORT*).show();  
 mProgressCircle.setVisibility(View.*INVISIBLE*);  
 }  
 }  
 mAdapter.notifyDataSetChanged();  
 mProgressCircle.setVisibility(View.*INVISIBLE*);  
  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(Cart.this, error.getMessage(), Toast.*LENGTH\_SHORT*).show();  
 mProgressCircle.setVisibility(View.*INVISIBLE*);  
 }  
 });  
 }  
  
 @Override  
 public void onItemClick(int position) {  
 UserCart selectedItem = mUploads.get(position);  
 final String selectedKey = selectedItem.getKey();  
  
 Intent intent = new Intent(Cart.this, MakePayment.class);  
 intent.putExtra("key", selectedKey);  
 startActivity(intent);  
 finish();  
  
 }  
  
 @Override  
 protected void onDestroy() {  
 super.onDestroy();  
 mDatabaseRef.removeEventListener(mDBListener);  
 }  
  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(Cart.this, BuyerHome.class));  
 finish();  
 }  
}

ForgetPassword:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.net.ConnectivityManager;  
import android.net.NetworkInfo;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.FirebaseAuth;  
  
public class ForgetPassword extends AppCompatActivity {  
 EditText for\_email;  
 Button update\_pass;  
 NetworkInfo nInfo;  
 String email;  
 FirebaseAuth firebaseAuth;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_forget\_password*);  
  
 for\_email= (EditText) findViewById(R.id.*for\_email*);  
 update\_pass= (Button) findViewById(R.id.*update\_pass*);  
  
 ConnectivityManager cManager = (ConnectivityManager) getSystemService(this.*CONNECTIVITY\_SERVICE*);  
 nInfo = cManager.getActiveNetworkInfo();  
 firebaseAuth= FirebaseAuth.*getInstance*();  
  
 update\_pass.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 if(nInfo!=null && nInfo.isConnected()) {  
 email = for\_email.getText().toString();  
  
 if (email.isEmpty()){  
 Toast.*makeText*(ForgetPassword.this, "Please Enter your Email", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 forgetPassword();  
 }  
 } else {  
 Toast.*makeText*(ForgetPassword.this, "Network is not available", Toast.*LENGTH\_LONG*).show();  
 }  
 }  
 });  
 }  
  
 public void forgetPassword(){  
 firebaseAuth.sendPasswordResetEmail(email).addOnCompleteListener(new OnCompleteListener<Void>() {  
 @Override  
 public void onComplete(@NonNull Task<Void> task) {  
 if (task.isSuccessful()){  
 Toast.*makeText*(ForgetPassword.this,"Check your Email!", Toast.*LENGTH\_SHORT*).show();  
 startActivity(new Intent(ForgetPassword.this, BuyerLogin.class));  
 finish();  
  
 }else {  
 Toast.*makeText*(ForgetPassword.this,"Error: "+task.getException().getMessage(), Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 }  
  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(ForgetPassword.this, BuyerLogin.class));  
 finish();  
 }  
}

ImageAdapteBuyBeauty:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserBeauty;  
import com.example.haithem\_camelbuysellapp.UserMeat;  
import com.example.haithem\_camelbuysellapp.seller.ImageAdapterUpdateBeauty;  
import com.example.haithem\_camelbuysellapp.seller.ImageAdapterUpdateMeat;  
import com.squareup.picasso.Picasso;  
  
import java.util.List;  
  
public class ImageAdapterBuyBeauty extends RecyclerView.Adapter <ImageAdapterBuyBeauty.ImageViewHolder>{  
  
 private Context mContext;  
 private List<UserBeauty> mUploads, mUploads1;  
 private OnItemClickListener mListener;  
  
 public ImageAdapterBuyBeauty(Context context, List<UserBeauty> userUploads){  
 mContext= context;  
 mUploads= userUploads;  
 mUploads1= userUploads;  
 }  
 @NonNull  
 @Override  
 public ImageViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View v= LayoutInflater.*from*(mContext).inflate(R.layout.*image\_view\_buy\_beauty*, parent, false);  
 return new ImageViewHolder(v);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull ImageViewHolder holder, int position) {  
 UserBeauty uploadCurrent= mUploads.get(position);  
 holder.textViewName.setText("Name: "+uploadCurrent.getItemName());  
 holder.textViewPrice.setText("Price: "+uploadCurrent.getItemPrice()+" OMR");  
 holder.textViewQuality.setText("Quality: "+uploadCurrent.getItemQuality());  
 holder.textViewDetail.setText("Item Details: "+uploadCurrent.getItemSpecification());  
 holder.textViewSNAme.setText("Seller Name: "+uploadCurrent.getItemSName());  
 holder.textViewSPhone.setText("Seller Contact: "+uploadCurrent.getItemSPhone());  
 Picasso.*get*()  
 .load(uploadCurrent.getItemUrl())  
 .placeholder(R.mipmap.*ic\_launcher*)  
 .fit()  
 .centerCrop()  
 .into(holder.imageView);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mUploads.size();  
 }  
  
 public class ImageViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener{  
 public TextView textViewName;  
 public TextView textViewPrice;  
 public TextView textViewDetail;  
 public TextView textViewQuality;  
 public TextView textViewSNAme;  
 public TextView textViewSPhone;  
 public ImageView imageView;  
 public Button btn\_cart;  
  
 public ImageViewHolder(@NonNull View itemView) {  
 super(itemView);  
 textViewName= itemView.findViewById(R.id.*image\_view\_name9*);  
 textViewPrice= itemView.findViewById(R.id.*image\_view\_price9*);  
 textViewQuality= itemView.findViewById(R.id.*image\_view\_quality9*);  
 textViewDetail= itemView.findViewById(R.id.*image\_view\_detail9*);  
 imageView= itemView.findViewById(R.id.*image\_view\_uploaded9*);  
 textViewSNAme=itemView.findViewById(R.id.*image\_view\_S\_Name9*);  
 textViewSPhone=itemView.findViewById(R.id.*image\_view\_S\_Phone9*);  
 btn\_cart= itemView.findViewById(R.id.*btn\_add\_cart9*);  
  
 btn\_cart.setOnClickListener(this);  
  
 }  
 @Override  
 public void onClick(View v) {  
 if (mListener != null) {  
 int position = getAdapterPosition();  
 if (position != RecyclerView.*NO\_POSITION*) {  
 mListener.onItemClick(position);  
 }  
 }  
 }  
  
 }  
 public interface OnItemClickListener{  
 void onItemClick(int position);  
 }  
  
 public void setOnItemClickListener(OnItemClickListener listener){  
 mListener= listener;  
 }  
}

ImageAdapterBuyCamel:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserCamel;  
import com.example.haithem\_camelbuysellapp.seller.ImageAdapterUpdateCamel;  
import com.squareup.picasso.Picasso;  
  
import java.util.List;  
  
public class ImageAdapterBuyCamel extends RecyclerView.Adapter <ImageAdapterBuyCamel.ImageViewHolder>{  
  
 private Context mContext;  
 private List<UserCamel> mUploads, mUploads1;  
 private OnItemClickListener mListener;  
  
 public ImageAdapterBuyCamel(Context context, List<UserCamel> userUploads){  
 mContext= context;  
 mUploads= userUploads;  
 mUploads1= userUploads;  
 }  
 @NonNull  
 @Override  
 public ImageViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View v= LayoutInflater.*from*(mContext).inflate(R.layout.*image\_view\_buy\_camel*, parent, false);  
 return new ImageViewHolder(v);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull ImageViewHolder holder, int position) {  
 UserCamel uploadCurrent= mUploads.get(position);  
 holder.textViewName.setText("Name: "+uploadCurrent.getItemName());  
 holder.textViewPrice.setText("Price: "+uploadCurrent.getItemPrice()+" OMR");  
 holder.textViewHeight.setText("Camel Height: "+uploadCurrent.getItemHeight());  
 holder.textViewWeight.setText("Camel Weight: "+uploadCurrent.getItemWeight());  
 holder.textViewDetail.setText("Item Details: "+uploadCurrent.getItemSpecification());  
 holder.textViewSNAme.setText("Seller Name: "+uploadCurrent.getItemSName());  
 holder.textViewSPhone.setText("Seller Contact: "+uploadCurrent.getItemSPhone());  
 Picasso.*get*()  
 .load(uploadCurrent.getItemUrl())  
 .placeholder(R.mipmap.*ic\_launcher*)  
 .fit()  
 .centerCrop()  
 .into(holder.imageView);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mUploads.size();  
 }  
  
 public class ImageViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener{  
 public TextView textViewName;  
 public TextView textViewPrice;  
 public TextView textViewDetail;  
 public TextView textViewHeight;  
 public TextView textViewWeight;  
 public TextView textViewSNAme;  
 public TextView textViewSPhone;  
 public ImageView imageView;  
 public Button btn\_cart;  
  
 public ImageViewHolder(@NonNull View itemView) {  
 super(itemView);  
 textViewName= itemView.findViewById(R.id.*image\_view\_name7*);  
 textViewPrice= itemView.findViewById(R.id.*image\_view\_price7*);  
 textViewHeight= itemView.findViewById(R.id.*image\_view\_height7*);  
 textViewWeight= itemView.findViewById(R.id.*image\_view\_weight7*);  
 textViewDetail= itemView.findViewById(R.id.*image\_view\_detail7*);  
 imageView= itemView.findViewById(R.id.*image\_view\_uploaded7*);  
 textViewSNAme=itemView.findViewById(R.id.*image\_view\_S\_Name7*);  
 textViewSPhone=itemView.findViewById(R.id.*image\_view\_S\_Phone7*);  
 btn\_cart= itemView.findViewById(R.id.*btn\_add\_cart7*);  
  
 btn\_cart.setOnClickListener(this);  
  
 }  
 @Override  
 public void onClick(View v) {  
 if (mListener != null) {  
 int position = getAdapterPosition();  
 if (position != RecyclerView.*NO\_POSITION*) {  
 mListener.onItemClick(position);  
 }  
 }  
 }  
  
  
 }  
 public interface OnItemClickListener{  
 void onItemClick(int position);  
 }  
  
 public void setOnItemClickListener(OnItemClickListener listener){  
 mListener= listener;  
 }  
}

ImageAdapterMeat:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserMeat;  
import com.example.haithem\_camelbuysellapp.seller.ImageAdapterUpdateMeat;  
import com.squareup.picasso.Picasso;  
  
import java.util.List;  
  
public class ImageAdapterBuyMeat extends RecyclerView.Adapter <ImageAdapterBuyMeat.ImageViewHolder>{  
  
 private Context mContext;  
 private List<UserMeat> mUploads, mUploads1;  
 private OnItemClickListener mListener;  
  
 public ImageAdapterBuyMeat(Context context, List<UserMeat> userUploads){  
 mContext= context;  
 mUploads= userUploads;  
 mUploads1= userUploads;  
 }  
 @NonNull  
 @Override  
 public ImageViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View v= LayoutInflater.*from*(mContext).inflate(R.layout.*image\_view\_buy\_meat*, parent, false);  
 return new ImageViewHolder(v);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull ImageViewHolder holder, int position) {  
 UserMeat uploadCurrent= mUploads.get(position);  
 holder.textViewName.setText("Name: "+uploadCurrent.getItemName());  
 holder.textViewPrice.setText("Price: "+uploadCurrent.getItemPrice()+" OMR");  
 holder.textViewWeight.setText("Camel Weight: "+uploadCurrent.getItemWeight());  
 holder.textViewDetail.setText("Item Details: "+uploadCurrent.getItemSpecification());  
 holder.textViewSNAme.setText("Seller Name: "+uploadCurrent.getItemSName());  
 holder.textViewSPhone.setText("Seller Contact: "+uploadCurrent.getItemSPhone());  
 Picasso.*get*()  
 .load(uploadCurrent.getItemUrl())  
 .placeholder(R.mipmap.*ic\_launcher*)  
 .fit()  
 .centerCrop()  
 .into(holder.imageView);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mUploads.size();  
 }  
  
 public class ImageViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener{  
 public TextView textViewName;  
 public TextView textViewPrice;  
 public TextView textViewDetail;  
 public TextView textViewWeight;  
 public TextView textViewSNAme;  
 public TextView textViewSPhone;  
 public ImageView imageView;  
 public Button btn\_cart;  
  
 public ImageViewHolder(@NonNull View itemView) {  
 super(itemView);  
 textViewName= itemView.findViewById(R.id.*image\_view\_name8*);  
 textViewPrice= itemView.findViewById(R.id.*image\_view\_price8*);  
 textViewWeight= itemView.findViewById(R.id.*image\_view\_weight8*);  
 textViewDetail= itemView.findViewById(R.id.*image\_view\_detail8*);  
 imageView= itemView.findViewById(R.id.*image\_view\_uploaded8*);  
 textViewSNAme=itemView.findViewById(R.id.*image\_view\_S\_Name8*);  
 textViewSPhone=itemView.findViewById(R.id.*image\_view\_S\_Phone8*);  
 btn\_cart= itemView.findViewById(R.id.*btn\_add\_cart8*);  
  
 btn\_cart.setOnClickListener(this);  
  
 }  
 @Override  
 public void onClick(View v) {  
 if (mListener != null) {  
 int position = getAdapterPosition();  
 if (position != RecyclerView.*NO\_POSITION*) {  
 mListener.onItemClick(position);  
 }  
 }  
 }  
  
  
 }  
 public interface OnItemClickListener{  
 void onItemClick(int position);  
 }  
  
 public void setOnItemClickListener(OnItemClickListener listener){  
 mListener= listener;  
 }  
}

ImageAdapterCart:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import android.content.Context;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.recyclerview.widget.RecyclerView;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserBeauty;  
import com.example.haithem\_camelbuysellapp.UserCart;  
import com.squareup.picasso.Picasso;  
  
import java.util.List;  
  
public class ImageAdapterCart extends RecyclerView.Adapter <ImageAdapterCart.ImageViewHolder>{  
  
 private Context mContext;  
 private List<UserCart> mUploads, mUploads1;  
 private OnItemClickListener mListener;  
  
 public ImageAdapterCart(Context context, List<UserCart> userUploads){  
 mContext= context;  
 mUploads= userUploads;  
 mUploads1= userUploads;  
 }  
 @NonNull  
 @Override  
 public ImageViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {  
 View v= LayoutInflater.*from*(mContext).inflate(R.layout.*image\_view\_cart*, parent, false);  
 return new ImageViewHolder(v);  
 }  
  
 @Override  
 public void onBindViewHolder(@NonNull ImageViewHolder holder, int position) {  
 UserCart uploadCurrent= mUploads.get(position);  
 holder.textViewName.setText("Name: "+uploadCurrent.getCartName());  
 holder.textViewPrice.setText("Price: "+uploadCurrent.getCartPrice()+" OMR");  
 holder.textViewDetail.setText("Item Details: "+uploadCurrent.getCartDetail());  
 holder.textViewSNAme.setText("Seller Name: "+uploadCurrent.getItemSName());  
 holder.textViewSPhone.setText("Seller Contact: "+uploadCurrent.getItemSPhone());  
 Picasso.*get*()  
 .load(uploadCurrent.getCartUrl())  
 .placeholder(R.mipmap.*ic\_launcher*)  
 .fit()  
 .centerCrop()  
 .into(holder.imageView);  
 }  
  
 @Override  
 public int getItemCount() {  
 return mUploads.size();  
 }  
  
 public class ImageViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener{  
 public TextView textViewName;  
 public TextView textViewPrice;  
 public TextView textViewDetail;  
 public TextView textViewSNAme;  
 public TextView textViewSPhone;  
 public ImageView imageView;  
 public Button btn\_pay;  
  
 public ImageViewHolder(@NonNull View itemView) {  
 super(itemView);  
 textViewName= itemView.findViewById(R.id.*image\_view\_name10*);  
 textViewPrice= itemView.findViewById(R.id.*image\_view\_price10*);  
 textViewDetail= itemView.findViewById(R.id.*image\_view\_detail10*);  
 imageView= itemView.findViewById(R.id.*image\_view\_uploaded10*);  
 textViewSNAme=itemView.findViewById(R.id.*image\_view\_S\_Name10*);  
 textViewSPhone=itemView.findViewById(R.id.*image\_view\_S\_Phone10*);  
 btn\_pay= itemView.findViewById(R.id.*btn\_buy\_10*);  
  
 btn\_pay.setOnClickListener(this);  
  
 }  
 @Override  
 public void onClick(View v) {  
 if (mListener != null) {  
 int position = getAdapterPosition();  
 if (position != RecyclerView.*NO\_POSITION*) {  
 mListener.onItemClick(position);  
 }  
 }  
 }  
  
 }  
 public interface OnItemClickListener{  
 void onItemClick(int position);  
 }  
  
 public void setOnItemClickListener(OnItemClickListener listener){  
 mListener= listener;  
 }  
}

MakePayment:

package com.example.haithem\_camelbuysellapp.buyer;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.annotation.SuppressLint;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.ImageView;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.example.haithem\_camelbuysellapp.R;  
import com.example.haithem\_camelbuysellapp.UserCart;  
import com.example.haithem\_camelbuysellapp.UserCheckStatistics;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
import com.google.firebase.storage.FirebaseStorage;  
import com.squareup.picasso.Picasso;  
  
import java.text.SimpleDateFormat;  
import java.util.Date;  
import java.util.Locale;  
  
public class MakePayment extends AppCompatActivity {  
  
 TextView bo\_name, bo\_price, bo\_detail, so\_name,so\_phone;  
 EditText credit, cus\_address, buy\_quantity;  
 private RadioGroup radioGroup;  
 private RadioButton radioButton;  
 Button confirm;  
 String user\_credit, text, user\_address, user\_quantity;  
 String getKey;  
 String img\_price, img\_name, img\_detail, img\_url, img\_sName, img\_sPhone, img\_UId;  
 ImageView imgGet;  
  
 private FirebaseStorage mStrorage;  
 private FirebaseAuth firebaseAuth;  
 private FirebaseUser user;  
 DatabaseReference ref, ref1;  
 String user\_name, user\_phone;  
 String status= "Processing";  
  
  
 @SuppressLint("MissingInflatedId")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_make\_payment*);  
  
 radioGroup= (RadioGroup) findViewById(R.id.*radioGroup*);  
 confirm= (Button) findViewById(R.id.*confirm*);  
 bo\_name= (TextView) findViewById(R.id.*bo\_name*);  
 bo\_price= (TextView) findViewById(R.id.*bo\_price*);  
 bo\_detail= (TextView) findViewById(R.id.*bo\_detail*);  
 so\_name= (TextView) findViewById(R.id.*so\_name*);  
 so\_phone= (TextView) findViewById(R.id.*so\_phone*);  
 credit= (EditText) findViewById(R.id.*credit*);  
 buy\_quantity= (EditText) findViewById(R.id.*buy\_quantity*);  
 cus\_address= (EditText) findViewById(R.id.*cus\_Address*);  
 imgGet= (ImageView) findViewById(R.id.*imgGet*);  
  
 firebaseAuth = FirebaseAuth.*getInstance*();  
 user = firebaseAuth.getCurrentUser();  
  
 if (getIntent().hasExtra("key")) {  
 getKey = getIntent().getStringExtra("key");  
 }  
  
 credit.setVisibility(View.*INVISIBLE*);  
  
 mStrorage = FirebaseStorage.*getInstance*();  
 ref = FirebaseDatabase.*getInstance*().getReference("Cart").child(user.getUid()).child("my").child(getKey);  
 ref.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot snapshot) {  
 if (snapshot.exists()){  
 UserCart userCart = snapshot.getValue(UserCart.class);  
 bo\_name.setText(userCart.getCartName());  
 bo\_price.setText(userCart.getCartPrice());  
 bo\_detail.setText(userCart.getCartDetail());  
 so\_name.setText(userCart.getItemSName());  
 so\_phone.setText(userCart.getItemSPhone());  
 Picasso.*get*()  
 .load(userCart.getCartUrl())  
 .placeholder(R.mipmap.*ic\_launcher*)  
 .fit()  
 .centerCrop()  
 .into(imgGet);  
  
 img\_name= userCart.getCartName();  
 img\_sName= userCart.getItemSName();  
 img\_price= userCart.getCartPrice();  
 img\_UId= userCart.getCartUid();  
  
  
 }  
 if (!snapshot.exists()){  
 Toast.*makeText*(MakePayment.this, "", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(MakePayment.this, error.getMessage(), Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
  
 user = FirebaseAuth.*getInstance*().getCurrentUser();  
  
 confirm.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if (validateQuantity()){  
 int buy\_price=Integer.*parseInt*(img\_price);  
 int int\_quant= Integer.*parseInt*(user\_quantity);  
  
 double final\_price= buy\_price \* int\_quant;  
 String display\_price = Double.*toString*(final\_price);  
 bo\_price.setText(display\_price);  
  
 //getTodatDate  
 Date today = new Date();  
 SimpleDateFormat sdf = new SimpleDateFormat("dd-MM-yyyy", Locale.*getDefault*());  
 String todayDate = sdf.format(today);  
  
  
 int radioId = radioGroup.getCheckedRadioButtonId();  
 radioButton = findViewById(radioId);  
 text = radioButton.getText().toString();  
 if (text.equals("Cash on delivery")) {  
 if (validate1()) {  
 ref.getRef().removeValue();  
 ref1= FirebaseDatabase.*getInstance*().getReference("Statistics").child(img\_UId).child("all");  
 UserCheckStatistics userCheckStatistics= new UserCheckStatistics(img\_name, img\_sName, todayDate, user\_quantity);  
 ref1.child(ref1.push().getKey()).setValue(userCheckStatistics);  
 Toast.*makeText*(MakePayment.this, "Order Confirmed Successfully", Toast.*LENGTH\_SHORT*).show();  
 Toast.*makeText*(MakePayment.this, "Thank you for choosing us", Toast.*LENGTH\_SHORT*).show();  
 startActivity(new Intent(MakePayment.this, BuyerHome.class));  
 finish();  
 }  
 } else {  
 credit.setVisibility(View.*VISIBLE*);  
 if (validate1()) {  
 if (validate()) {  
 ref.getRef().removeValue();  
 ref1= FirebaseDatabase.*getInstance*().getReference("Statistics").child(img\_UId).child("all");  
 UserCheckStatistics userCheckStatistics= new UserCheckStatistics(img\_name, img\_sName, todayDate, user\_quantity);  
 ref1.child(ref1.push().getKey()).setValue(userCheckStatistics);  
 Toast.*makeText*(MakePayment.this, "Order & Payment done successfully", Toast.*LENGTH\_SHORT*).show();  
 Toast.*makeText*(MakePayment.this, "Thank you for choosing us", Toast.*LENGTH\_SHORT*).show();  
 startActivity(new Intent(MakePayment.this, BuyerHome.class));  
 finish();  
 }//validate end  
 }  
 }  
 }  
 }  
 });  
 }  
  
 private Boolean validate(){  
 boolean result= false;  
  
 user\_credit = credit.getText().toString();  
  
 if(user\_credit.isEmpty()){  
 Toast.*makeText*(this, "Enter credit card number", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 result= true;  
 }  
 return result;  
 }  
  
 private Boolean validate1(){  
 boolean result= false;  
  
 user\_address= cus\_address.getText().toString();  
  
 if(user\_address.isEmpty()){  
 Toast.*makeText*(this, "Enter address for delivery", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 result= true;  
 }  
 return result;  
 }  
  
 private Boolean validateQuantity(){  
 boolean result= false;  
  
 user\_quantity= buy\_quantity.getText().toString();  
  
 if(user\_quantity.isEmpty()){  
 Toast.*makeText*(this, "Enter Item Quantity", Toast.*LENGTH\_SHORT*).show();  
 }else {  
 result= true;  
 }  
 return result;  
 }  
  
 @Override  
 public void onBackPressed() {  
 startActivity(new Intent(MakePayment.this, Cart.class));  
 finish();  
 }  
}

MainActivity:

package com.example.haithem\_camelbuysellapp;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 Thread myThread= new Thread(){  
 @Override  
 public void run() {  
 try {  
 *sleep*(2000);  
 Intent intent= new Intent(getApplicationContext(),UserType.class);  
 startActivity(intent);  
 finish();  
 } catch (InterruptedException e) {  
 e.printStackTrace();  
 }  
 }  
 };  
 myThread.start();  
 }  
}

UserBeauty:

package com.example.haithem\_camelbuysellapp;  
  
import com.google.firebase.database.Exclude;  
  
public class UserBeauty {  
 public String itemName;  
 public String itemPrice;  
 public String itemSpecification;  
 public String itemQuality;  
 public String itemUrl;  
 public String itemSName;  
 public String itemSPhone;  
  
 public String mKey;  
  
 public UserBeauty() {  
 }  
  
 public UserBeauty(String itemName, String itemPrice, String itemSpecification, String itemQuality, String itemUrl, String itemSName, String itemSPhone) {  
 this.itemName = itemName;  
 this.itemPrice = itemPrice;  
 this.itemSpecification = itemSpecification;  
 this.itemQuality = itemQuality;  
 this.itemUrl = itemUrl;  
 this.itemSName = itemSName;  
 this.itemSPhone = itemSPhone;  
 }  
  
 public String getItemName() {  
 return itemName;  
 }  
  
 public void setItemName(String itemName) {  
 this.itemName = itemName;  
 }  
  
 public String getItemPrice() {  
 return itemPrice;  
 }  
  
 public void setItemPrice(String itemPrice) {  
 this.itemPrice = itemPrice;  
 }  
  
 public String getItemSpecification() {  
 return itemSpecification;  
 }  
  
 public void setItemSpecification(String itemSpecification) {  
 this.itemSpecification = itemSpecification;  
 }  
  
 public String getItemQuality() {  
 return itemQuality;  
 }  
  
 public void setItemQuality(String itemQuality) {  
 this.itemQuality = itemQuality;  
 }  
  
 public String getItemUrl() {  
 return itemUrl;  
 }  
  
 public void setItemUrl(String itemUrl) {  
 this.itemUrl = itemUrl;  
 }  
  
 public String getItemSName() {  
 return itemSName;  
 }  
  
 public void setItemSName(String itemSName) {  
 this.itemSName = itemSName;  
 }  
  
 public String getItemSPhone() {  
 return itemSPhone;  
 }  
  
 public void setItemSPhone(String itemSPhone) {  
 this.itemSPhone = itemSPhone;  
 }  
  
 @Exclude  
 public String getKey() {  
 return mKey;  
 }  
 @Exclude  
 public void setKey(String Key) {  
 mKey = Key;  
 }  
}

UserCamel:

package com.example.haithem\_camelbuysellapp;  
  
import com.google.firebase.database.Exclude;  
  
public class UserCamel {  
 public String itemName;  
 public String itemPrice;  
 public String itemSpecification;  
 public String itemHeight;  
 public String itemWeight;  
 public String itemUrl;  
 public String itemSName;  
 public String itemSPhone;  
  
 public String mKey;  
  
 public UserCamel() {  
 }  
  
 public UserCamel(String itemName, String itemPrice, String itemSpecification, String itemHeight, String itemWeight, String itemUrl, String itemSName, String itemSPhone) {  
 this.itemName = itemName;  
 this.itemPrice = itemPrice;  
 this.itemSpecification = itemSpecification;  
 this.itemHeight = itemHeight;  
 this.itemWeight = itemWeight;  
 this.itemUrl = itemUrl;  
 this.itemSName = itemSName;  
 this.itemSPhone = itemSPhone;  
 }  
  
 public String getItemName() {  
 return itemName;  
 }  
  
 public void setItemName(String itemName) {  
 this.itemName = itemName;  
 }  
  
 public String getItemPrice() {  
 return itemPrice;  
 }  
  
 public void setItemPrice(String itemPrice) {  
 this.itemPrice = itemPrice;  
 }  
  
 public String getItemSpecification() {  
 return itemSpecification;  
 }  
  
 public void setItemSpecification(String itemSpecification) {  
 this.itemSpecification = itemSpecification;  
 }  
  
 public String getItemHeight() {  
 return itemHeight;  
 }  
  
 public void setItemHeight(String itemHeight) {  
 this.itemHeight = itemHeight;  
 }  
  
 public String getItemWeight() {  
 return itemWeight;  
 }  
  
 public void setItemWeight(String itemWeight) {  
 this.itemWeight = itemWeight;  
 }  
  
 public String getItemUrl() {  
 return itemUrl;  
 }  
  
 public void setItemUrl(String itemUrl) {  
 this.itemUrl = itemUrl;  
 }  
  
 public String getItemSName() {  
 return itemSName;  
 }  
  
 public void setItemSName(String itemSName) {  
 this.itemSName = itemSName;  
 }  
  
 public String getItemSPhone() {  
 return itemSPhone;  
 }  
  
 public void setItemSPhone(String itemSPhone) {  
 this.itemSPhone = itemSPhone;  
 }  
  
 @Exclude  
 public String getKey() {  
 return mKey;  
 }  
 @Exclude  
 public void setKey(String Key) {  
 mKey = Key;  
 }  
}

UserCart:

package com.example.haithem\_camelbuysellapp;  
  
import com.google.firebase.database.Exclude;  
  
public class UserCart {  
 public String cartName;  
 public String cartPrice;  
 public String cartDetail;  
 public String cartUrl;  
 public String cartKey;  
 public String cartUid;  
 public String itemSName;  
 public String itemSPhone;  
  
 public String mKey;  
  
 public UserCart() {  
 }  
  
 public UserCart(String cartName, String cartPrice, String cartDetail, String cartUrl, String cartKey, String cartUid, String itemSName, String itemSPhone) {  
 this.cartName = cartName;  
 this.cartPrice = cartPrice;  
 this.cartDetail = cartDetail;  
 this.cartUrl = cartUrl;  
 this.cartKey = cartKey;  
 this.cartUid = cartUid;  
 this.itemSName = itemSName;  
 this.itemSPhone = itemSPhone;  
 }  
  
 public String getCartName() {  
 return cartName;  
 }  
  
 public void setCartName(String cartName) {  
 this.cartName = cartName;  
 }  
  
 public String getCartPrice() {  
 return cartPrice;  
 }  
  
 public void setCartPrice(String cartPrice) {  
 this.cartPrice = cartPrice;  
 }  
  
 public String getCartDetail() {  
 return cartDetail;  
 }  
  
 public void setCartDetail(String cartDetail) {  
 this.cartDetail = cartDetail;  
 }  
  
 public String getCartUrl() {  
 return cartUrl;  
 }  
  
 public void setCartUrl(String cartUrl) {  
 this.cartUrl = cartUrl;  
 }  
  
 public String getCartKey() {  
 return cartKey;  
 }  
  
 public void setCartKey(String cartKey) {  
 this.cartKey = cartKey;  
 }  
  
 public String getCartUid() {  
 return cartUid;  
 }  
  
 public void setCartUid(String cartUid) {  
 this.cartUid = cartUid;  
 }  
  
 public String getItemSName() {  
 return itemSName;  
 }  
  
 public void setItemSName(String itemSName) {  
 this.itemSName = itemSName;  
 }  
  
 public String getItemSPhone() {  
 return itemSPhone;  
 }  
  
 public void setItemSPhone(String itemSPhone) {  
 this.itemSPhone = itemSPhone;  
 }  
  
 @Exclude  
 public String getKey() {  
 return mKey;  
 }  
 @Exclude  
 public void setKey(String Key) {  
 mKey = Key;  
 }  
}

UserCheckStatistics:

package com.example.haithem\_camelbuysellapp;  
  
import com.google.firebase.database.Exclude;  
  
public class UserCheckStatistics {  
 public String statItemName;  
 public String statSellerName;  
 public String statDate;  
 public String statQuantity;  
  
 public String mKey;  
  
 public UserCheckStatistics() {  
 }  
  
 public UserCheckStatistics(String statItemName, String statSellerName, String statDate, String statQuantity) {  
 this.statItemName = statItemName;  
 this.statSellerName = statSellerName;  
 this.statDate = statDate;  
 this.statQuantity = statQuantity;  
 }  
  
 public String getStatItemName() {  
 return statItemName;  
 }  
  
 public void setStatItemName(String statItemName) {  
 this.statItemName = statItemName;  
 }  
  
 public String getStatSellerName() {  
 return statSellerName;  
 }  
  
 public void setStatSellerName(String statSellerName) {  
 this.statSellerName = statSellerName;  
 }  
  
 public String getStatDate() {  
 return statDate;  
 }  
  
 public void setStatDate(String statDate) {  
 this.statDate = statDate;  
 }  
  
 public String getStatQuantity() {  
 return statQuantity;  
 }  
  
 public void setStatQuantity(String statQuantity) {  
 this.statQuantity = statQuantity;  
 }  
  
 @Exclude  
 public String getKey() {  
 return mKey;  
 }  
 @Exclude  
 public void setKey(String Key) {  
 mKey = Key;  
 }  
}

UserFeedback:

package com.example.haithem\_camelbuysellapp;  
  
import com.google.firebase.database.Exclude;  
  
public class UserFeedback {  
 public String feedName;  
 public String feedRating;  
 public String feedComment;  
 public String feedSellerName;  
  
 public String mKey;  
  
 public UserFeedback() {  
 }  
  
 public UserFeedback(String feedName, String feedRating, String feedComment, String feedSellerName) {  
 this.feedName = feedName;  
 this.feedRating = feedRating;  
 this.feedComment = feedComment;  
 this.feedSellerName = feedSellerName;  
 }  
  
 public String getFeedName() {  
 return feedName;  
 }  
  
 public void setFeedName(String feedName) {  
 this.feedName = feedName;  
 }  
  
 public String getFeedRating() {  
 return feedRating;  
 }  
  
 public void setFeedRating(String feedRating) {  
 this.feedRating = feedRating;  
 }  
  
 public String getFeedComment() {  
 return feedComment;  
 }  
  
 public void setFeedComment(String feedComment) {  
 this.feedComment = feedComment;  
 }  
  
 public String getFeedSellerName() {  
 return feedSellerName;  
 }  
  
 public void setFeedSellerName(String feedSellerName) {  
 this.feedSellerName = feedSellerName;  
 }  
  
 @Exclude  
 public String getKey() {  
 return mKey;  
 }  
 @Exclude  
 public void setKey(String Key) {  
 mKey = Key;  
 }  
}

UserInformatin:

package com.example.haithem\_camelbuysellapp;  
  
import com.google.firebase.database.Exclude;  
  
public class UserInformation {  
 public String userName;  
 public String userPhone;  
 public String userAddress;  
  
 public String mKey;  
  
 public UserInformation() {  
 }  
  
 public UserInformation(String userName, String userPhone, String userAddress) {  
 this.userName = userName;  
 this.userPhone = userPhone;  
 this.userAddress = userAddress;  
 }  
  
 public String getUserName() {  
 return userName;  
 }  
  
 public void setUserName(String userName) {  
 this.userName = userName;  
 }  
  
 public String getUserPhone() {  
 return userPhone;  
 }  
  
 public void setUserPhone(String userPhone) {  
 this.userPhone = userPhone;  
 }  
  
 public String getUserAddress() {  
 return userAddress;  
 }  
  
 public void setUserAddress(String userAddress) {  
 this.userAddress = userAddress;  
 }  
  
 @Exclude  
 public String getKey() {  
 return mKey;  
 }  
 @Exclude  
 public void setKey(String Key) {  
 mKey = Key;  
 }  
}

UsweMeat:

package com.example.haithem\_camelbuysellapp;  
  
import com.google.firebase.database.Exclude;  
  
public class UserMeat {  
 public String itemName;  
 public String itemPrice;  
 public String itemSpecification;  
 public String itemWeight;  
 public String itemUrl;  
 public String itemSName;  
 public String itemSPhone;  
  
 public String mKey;  
  
 public UserMeat() {  
 }  
  
 public UserMeat(String itemName, String itemPrice, String itemSpecification, String itemWeight, String itemUrl, String itemSName, String itemSPhone) {  
 this.itemName = itemName;  
 this.itemPrice = itemPrice;  
 this.itemSpecification = itemSpecification;  
 this.itemWeight = itemWeight;  
 this.itemUrl = itemUrl;  
 this.itemSName = itemSName;  
 this.itemSPhone = itemSPhone;  
 }  
  
 public String getItemName() {  
 return itemName;  
 }  
  
 public void setItemName(String itemName) {  
 this.itemName = itemName;  
 }  
  
 public String getItemPrice() {  
 return itemPrice;  
 }  
  
 public void setItemPrice(String itemPrice) {  
 this.itemPrice = itemPrice;  
 }  
  
 public String getItemSpecification() {  
 return itemSpecification;  
 }  
  
 public void setItemSpecification(String itemSpecification) {  
 this.itemSpecification = itemSpecification;  
 }  
  
 public String getItemWeight() {  
 return itemWeight;  
 }  
  
 public void setItemWeight(String itemWeight) {  
 this.itemWeight = itemWeight;  
 }  
  
 public String getItemUrl() {  
 return itemUrl;  
 }  
  
 public void setItemUrl(String itemUrl) {  
 this.itemUrl = itemUrl;  
 }  
  
 public String getItemSName() {  
 return itemSName;  
 }  
  
 public void setItemSName(String itemSName) {  
 this.itemSName = itemSName;  
 }  
  
 public String getItemSPhone() {  
 return itemSPhone;  
 }  
  
 public void setItemSPhone(String itemSPhone) {  
 this.itemSPhone = itemSPhone;  
 }  
  
 @Exclude  
 public String getKey() {  
 return mKey;  
 }  
 @Exclude  
 public void setKey(String Key) {  
 mKey = Key;  
 }  
}

UserType:

package com.example.haithem\_camelbuysellapp;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
import com.example.haithem\_camelbuysellapp.buyer.BuyerHome;  
import com.example.haithem\_camelbuysellapp.buyer.BuyerLogin;  
import com.example.haithem\_camelbuysellapp.seller.SellerHome;  
import com.example.haithem\_camelbuysellapp.seller.SellerLogin;  
  
public class UserType extends AppCompatActivity {  
 Button buyer, seller;  
 public static final String *SHARED\_PREFS*= "sharedPrefs";  
 String ff1;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_user\_type*);  
  
 buyer= (Button) findViewById(R.id.*buyer*);  
 seller= (Button) findViewById(R.id.*seller*);  
  
 checkBox();  
  
 buyer.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(UserType.this, BuyerLogin.class));  
 finish();  
 }  
 });  
  
 seller.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(new Intent(UserType.this, SellerLogin.class));  
 finish();  
 }  
 });  
  
 }  
  
 private void checkBox() {  
 SharedPreferences sharedPreferences= getSharedPreferences(*SHARED\_PREFS*, *MODE\_PRIVATE*);  
 String check= sharedPreferences.getString("name", "");  
  
 if (check.equals("buyer")){  
 startActivity(new Intent(UserType.this, BuyerHome.class));  
 finish();  
 }  
 if (check.equals("seller")){  
 startActivity(new Intent(UserType.this, SellerHome.class));  
 finish();  
 }  
 }  
  
 @Override  
 public void onBackPressed() {  
 finish();  
 }  
}