package com.appdroid.tourstravelsproject.User;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.app.Activity;  
import android.app.DatePickerDialog;  
import android.app.ProgressDialog;  
import android.content.Intent;  
import android.os.Bundle;  
import android.text.Editable;  
import android.text.TextWatcher;  
import android.util.Log;  
import android.view.View;  
import android.widget.Button;  
import android.widget.DatePicker;  
import android.widget.ImageView;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.appdroid.tourstravelsproject.Holder.UserInfo;  
import com.appdroid.tourstravelsproject.R;  
import com.google.android.gms.tasks.OnFailureListener;  
import com.google.android.gms.tasks.OnSuccessListener;  
import com.google.firebase.Timestamp;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.firestore.DocumentReference;  
import com.google.firebase.firestore.FirebaseFirestore;  
import com.razorpay.Checkout;  
import com.razorpay.PaymentResultListener;  
  
import org.json.JSONObject;  
  
import java.util.Calendar;  
import java.util.Date;  
import java.util.HashMap;  
  
public class BookPackage extends AppCompatActivity implements PaymentResultListener {  
  
 TextView txtDate, txtName, txtAdults, txtChildren, txtEmail, txtContact, txtAddress, txtCity;  
 ImageView datePicker;  
 Button book;  
  
 ProgressDialog progressDialog;  
 FirebaseFirestore db = FirebaseFirestore.*getInstance*();  
  
 String document, amount;  
 private int mYear,mMonth,mDay;  
  
 String date, name, adult, children, email, contact, address, city;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_book\_package*);  
  
 document = getIntent().getStringExtra("document");  
 amount = getIntent().getStringExtra("amount");  
 progressDialog = new ProgressDialog(BookPackage.this);  
 progressDialog.setCanceledOnTouchOutside(false );  
  
 Checkout.*preload*(getApplicationContext());  
  
 txtDate = findViewById(R.id.*date*);  
 txtName = findViewById(R.id.*travellerName*);  
 txtAdults = findViewById(R.id.*adults*);  
 txtChildren = findViewById(R.id.*children*);  
 txtEmail = findViewById(R.id.*email*);  
 txtContact = findViewById(R.id.*contact*);  
 txtAddress = findViewById(R.id.*address*);  
 txtCity = findViewById(R.id.*city*);  
 datePicker = findViewById(R.id.*selectDate*);  
 book = findViewById(R.id.*book*);  
  
 datePicker.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 final Calendar c = Calendar.*getInstance*();  
 mYear = c.get(Calendar.*YEAR*);  
 mMonth = c.get(Calendar.*MONTH*);  
 mDay = c.get(Calendar.*DAY\_OF\_MONTH*);  
  
 DatePickerDialog datePickerDialog = new DatePickerDialog(BookPackage.this,  
 new DatePickerDialog.OnDateSetListener() {  
 @Override  
 public void onDateSet(DatePicker view, int year,  
 int monthOfYear, int dayOfMonth) {  
  
 txtDate.setText(dayOfMonth + "/" + (monthOfYear + 1) + "/" + year);  
  
 }  
 }, mYear, mMonth, mDay);  
 datePickerDialog.show();  
 }  
 });  
  
 txtAdults.addTextChangedListener(new TextWatcher() {  
 @Override  
 public void beforeTextChanged(CharSequence s, int start, int count, int after) {  
  
 }  
  
 @Override  
 public void onTextChanged(CharSequence s, int start, int before, int count) {  
 amount = String.*valueOf*(Integer.*parseInt*(amount) \* Integer.*parseInt*(txtAdults.getText().toString()));  
 book.setText("Pay "+amount+" Rs");  
 }  
  
 @Override  
 public void afterTextChanged(Editable s) {  
  
 }  
 });  
  
 book.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 date = txtDate.getText().toString();  
 name = txtName.getText().toString();  
 adult = txtAdults.getText().toString();  
 children = txtChildren.getText().toString();  
 email = txtEmail.getText().toString();  
 contact = txtContact.getText().toString();  
 address = txtAddress.getText().toString();  
 city = txtCity.getText().toString();  
  
 if (!date.isEmpty() && !name.isEmpty() && !adult.isEmpty() && !children.isEmpty() && !email.isEmpty() && !contact.isEmpty() && !address.isEmpty() && !city.isEmpty()) {  
  
 startPayment();  
 }else{  
 Toast.*makeText*(BookPackage.this, "Please Complete All The Fields...", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
  
 }  
  
 private void startPayment() {  
  
 Checkout checkout = new Checkout();  
 checkout.setKeyID("rzp\_test\_J5Hsxn0qFqk4ah");  
  
 checkout.setImage(R.drawable.*travel\_logo*);  
  
 amount = String.*valueOf*(Integer.*parseInt*(amount) \* 100);  
 final Activity activity = this;  
  
 try {  
 JSONObject options = new JSONObject();  
  
 options.put("name", "Tour n Travel");  
 options.put("description", "Reference No. #123456");  
 options.put("image", "https://s3.amazonaws.com/rzp-mobile/images/rzp.png");  
 *//options.put("order\_id", "order\_DBJOWzybf0sJbb");//from response of step 3.* options.put("theme.color", "#3399cc");  
 options.put("currency", "INR");  
 options.put("amount", amount);*//pass amount in currency subunits* options.put("prefill.email", txtEmail.getText().toString());  
 options.put("prefill.contact",txtContact.getText().toString());  
 JSONObject retryObj = new JSONObject();  
 retryObj.put("enabled", true);  
 retryObj.put("max\_count", 4);  
 options.put("retry", retryObj);  
  
 checkout.open(activity, options);  
  
 } catch(Exception e) {  
 Log.*d*("TAGGGGG", "Error in starting Razorpay Checkout", e);  
 }  
 }  
  
 public void bookPackage(String s){  
  
 progressDialog.show();  
 HashMap<String, Object> query = new HashMap<>();  
 query.put("travellingDate",date);  
 query.put("travellerName",name);  
 query.put("adults",adult);  
 query.put("children",children);  
 query.put("email",email);  
 query.put("contact",contact);  
 query.put("address",address);  
 query.put("city",city);  
 query.put("paymentId",s);  
 query.put("payedAmount",String.*valueOf*(Integer.*parseInt*(amount)/100));  
 query.put("packageDocumentId",document);  
 query.put("date",new Timestamp(new Date()));  
 query.put("userId", FirebaseAuth.*getInstance*().getCurrentUser().getUid());  
  
 db.collection("BookedPackages").add(query).addOnSuccessListener(new OnSuccessListener<DocumentReference>() {  
 @Override  
 public void onSuccess(DocumentReference documentReference) {  
 Toast.*makeText*(getApplicationContext(), "Booked Successful.", Toast.*LENGTH\_SHORT*).show();  
 Intent i = new Intent(BookPackage.this, UserDashboard.class);  
 i.setFlags(Intent.*FLAG\_ACTIVITY\_CLEAR\_TOP*);  
 startActivity(i);  
 finish();  
 progressDialog.dismiss();  
 }  
 }).addOnFailureListener(new OnFailureListener() {  
 @Override  
 public void onFailure(@NonNull Exception e) {  
 progressDialog.dismiss();  
 Toast.*makeText*(BookPackage.this, "Booking failed, Any Amount deducted will be refunded within 7 business days.", Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
  
 }  
  
 @Override  
 public void onPaymentSuccess(String s) {  
 bookPackage(s);  
 }  
  
 @Override  
 public void onPaymentError(int i, String s) {  
 Toast.*makeText*(this, "Payment is unsuccessful due to: "+s, Toast.*LENGTH\_SHORT*).show();  
 Log.*d*("TAGGGGG", "onPaymentError: "+s);  
 }  
}