package com.example.projectcampusride;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.widget.Button;  
import android.widget.ImageButton;  
import android.widget.RatingBar;  
import android.widget.Toast;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import com.example.projectcampusride.R;  
import com.example.projectcampusride.view.NotificationsActivity;  
import com.google.firebase.firestore.FirebaseFirestore;  
  
public class RateDriverActivity extends AppCompatActivity {  
  
 private RatingBar ratingBar;  
 private Button btnSubmitRating;  
 private FirebaseFirestore firestore;  
  
 private String userId; // ID של המשתמש שמדרגים  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*rate\_driver\_activity*);  
  
 ratingBar = findViewById(R.id.*ratingBar*);  
 btnSubmitRating = findViewById(R.id.*btn\_submit\_rating*);  
 firestore = FirebaseFirestore.*getInstance*();  
 ImageButton settingsButton = findViewById(R.id.*settings\_button*);  
 ImageButton notificationButton = findViewById(R.id.*notification\_button*);  
  
 settingsButton.setOnClickListener(v -> startActivity(new Intent(this, com.example.projectcampusride.SettingsActivity.class)));  
 notificationButton.setOnClickListener(v -> startActivity(new Intent(this, NotificationsActivity.class)));  
 ImageButton backButton = findViewById(R.id.*back\_button*);  
 backButton.setOnClickListener(v -> onBackPressed());  
  
 // קבלת ID של המשתמש שמדרגים  
 userId = getIntent().getStringExtra("driverId"); // Fix here  
  
 if (userId == null || userId.isEmpty()) {  
 Toast.*makeText*(this, "User ID is missing!", Toast.*LENGTH\_SHORT*).show();  
 finish(); // סיום הפעילות אם ה-ID לא קיים  
 return;  
 }  
  
 btnSubmitRating.setOnClickListener(v -> {  
 float newRating = ratingBar.getRating();  
 if (newRating == 0) {  
 Toast.*makeText*(this, "Please select a rating!", Toast.*LENGTH\_SHORT*).show();  
 return;  
 }  
  
 submitRating(newRating);  
 });  
 }  
  
 private void submitRating(float newRating) {  
 firestore.collection("users").document(userId)  
 .get()  
 .addOnCompleteListener(task -> {  
 if (task.isSuccessful() && task.getResult() != null) {  
 Double currentRating = task.getResult().getDouble("rating");  
 Integer currentCount = task.getResult().getLong("ratingCount").intValue();  
  
 // חישוב דירוג ממוצע חדש  
 double totalRating = currentRating \* currentCount + newRating;  
 int newCount = currentCount + 1;  
 double updatedRating = totalRating / newCount;  
  
 // עדכון הדירוג ב-Firestore  
 firestore.collection("users").document(userId)  
 .update("rating", updatedRating, "ratingCount", newCount)  
 .addOnSuccessListener(aVoid -> {  
 Toast.*makeText*(this, "Rating submitted successfully!", Toast.*LENGTH\_SHORT*).show();  
 finish();  
 })  
 .addOnFailureListener(e -> Toast.*makeText*(this, "Failed to submit rating.", Toast.*LENGTH\_SHORT*).show());  
 }  
 });  
 }  
}