Payment system

ACTIVITY.JAVA

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| --- |
|  |
| package checkout.checkout\_androd; |
|  |
|  |  |
|  | import android.app.Activity; |
|  | import android.app.ProgressDialog; |
|  | import android.content.DialogInterface; |
|  | import android.os.Bundle; |
|  | import android.support.v7.app.AlertDialog; |
|  |  |
|  | import com.android.volley.VolleyError; |
|  | import com.checkout.android\_sdk.Models.BillingModel; |
|  | import com.checkout.android\_sdk.Models.PhoneModel; |
|  | import com.checkout.android\_sdk.PaymentForm; |
|  | import com.checkout.android\_sdk.PaymentForm.PaymentFormCallback; |
|  | import com.checkout.android\_sdk.Response.CardTokenisationFail; |
|  | import com.checkout.android\_sdk.Response.CardTokenisationResponse; |
|  | import com.checkout.android\_sdk.Utils.CardUtils.Cards; |
|  | import com.checkout.android\_sdk.Utils.Environment; |
|  |  |
|  | import java.util.Locale; |
|  |  |
|  | public class DemoActivity extends Activity { |
|  |  |
|  | private PaymentForm mPaymentForm; |
|  | private ProgressDialog mProgressDialog; |
|  |  |
|  | // Callback used for the Payment Form interaction |
|  | private final PaymentFormCallback mFormListener = new PaymentFormCallback() { |
|  | @Override |
|  | public void onFormSubmit() { |
|  | mProgressDialog.show(); // show loader |
|  | } |
|  |  |
|  | @Override |
|  | public void onTokenGenerated(CardTokenisationResponse response) { |
|  | mProgressDialog.dismiss(); // dismiss the loader |
|  | mPaymentForm.clearForm(); // clear the form |
|  | displayMessage("Token", response.getToken()); |
|  | } |
|  |  |
|  | @Override |
|  | public void onError(CardTokenisationFail response) { |
|  | displayMessage("Token Error", response.getErrorType()); |
|  | } |
|  |  |
|  | @Override |
|  | public void onNetworkError(VolleyError error) { |
|  | displayMessage("Network Error", String.valueOf(error)); |
|  | } |
|  |  |
|  | @Override |
|  | public void onBackPressed() { |
|  | displayMessage("Back", "The user decided to leave the payment page."); |
|  | } |
|  | }; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_demo); |
|  |  |
|  | // initialise the loader |
|  | mProgressDialog = new ProgressDialog(DemoActivity.this); |
|  | mProgressDialog.setProgressStyle(ProgressDialog.STYLE\_SPINNER); |
|  | mProgressDialog.setMessage("Loading..."); |
|  |  |
|  | mPaymentForm = findViewById(R.id.checkout\_card\_form); |
|  | mPaymentForm |
|  | .setFormListener(mFormListener) |
|  | .setEnvironment(Environment.SANDBOX) |
|  | .setKey("pk\_test\_6e40a700-d563-43cd-89d0-f9bb17d35e73") |
|  | .setDefaultBillingCountry(Locale.UK); |
|  | } |
|  |  |
|  | private void displayMessage(String title, String message) { |
|  | AlertDialog.Builder builder = new AlertDialog.Builder(this); |
|  | builder.setTitle(title) |
|  | .setMessage(message) |
|  | .setCancelable(false) |
|  | .setPositiveButton("OK", new DialogInterface.OnClickListener() { |
|  | public void onClick(DialogInterface dialog, int id) { |
|  | //do things |
|  | } |
|  | }); |
|  | AlertDialog alert = builder.create(); |
|  | alert.show(); |
|  | } |
|  | } |

ACTIVITY.MAINXML

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| --- |
| <?xml version="1.0" encoding="utf-8"?> |
|  | <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android" |
|  | xmlns:tools="http://schemas.android.com/tools" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:orientation="vertical" |
|  | tools:context=".DemoActivity"> |
|  |  |
|  | <com.checkout.android\_sdk.PaymentForm |
|  | android:id="@+id/checkout\_card\_form" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:theme="@style/YourCustomTheme" |
|  | android:background="#fff" |
|  | /> |
|  |  |
|  |  |
|  |  |
|  | </LinearLayout> |

