PayWithEaseBuzz Payment kit Integration (Xamarin):

Android :

1. **Install the peb-lib.aar file as a jar file in Xamarin project.**
2. **Install following native android dependencies using Xamarin Package Manager Commands**

   (Package Manager console can be found in Tools->NuGet Package Manage - > Package Manager Console)

   Execute below commands on Package Manager Console

   - *Install-Package Square.Retrofit2 -Version 2.4.0.1*
   - *Install-Package Square.OkHttp -Version 2.4.0*
   - *Install-Package Square.OkHttp.UrlConnection -Version 2.7.5.1*
   - *Install-Package Square.Retrofit2.ConverterGson -Version 2.4.0.1*

   Note :- Add below line into Name of Android binding library → Transforms -> Metadata.xml
   <remove-node path="/api/package[@name='helper']/class[@name='PWEDownloadImageManager']" />

3. **Sample Integration code :**
   - **Initiate Payment :**

   ```
   var ebClass = Java.Lang.Class.ForName("com.easebuzz.payment.kit.PWECouponsActivity");
   var intentProceed = new Intent(this, ebClass);
       intentProceed.PutExtra("txnid", "UNIQUE_TRANSACTION_ID");
       intentProceed.PutExtra("amount", 1.0);
       intentProceed.PutExtra("productinfo", "Product Info");
       intentProceed.PutExtra("firstname", "Customer Name");
       intentProceed.PutExtra("email", "customer@gmail.com");
       intentProceed.PutExtra("phone", "1234567890");
       intentProceed.PutExtra("key", "MERCHANT_KEY");
       intentProceed.PutExtra("udf1", "extra parameter 1");
       intentProceed.PutExtra("udf2", "extra parameter 1");
       intentProceed.PutExtra("udf3", "extra parameter 1");
       intentProceed.PutExtra("udf4", "extra parameter 1");
       intentProceed.PutExtra("udf5", "extra parameter 1");
       intentProceed.PutExtra("address1", "");
       intentProceed.PutExtra("address2", "");
       intentProceed.PutExtra("city", "");
       intentProceed.PutExtra("state", "");
       intentProceed.PutExtra("country", "");
       intentProceed.PutExtra("zipcode", "");
       intentProceed.PutExtra("hash", hash);
       intentProceed.PutExtra("pay_mode", "production");
       intentProceed.PutExtra("unique_id", "Customer Unique ID");
       StartActivityForResult(intentProceed, PWEStaticDataModel.PweRequestCode);
   ```

   - **Hash Generation :** hash is the mandatory parameter to initiate the payment request. The hash generation process is available on the link below.
     https://docs.easebuzz.in/mobile-integration-android/hash-generation

- **Initiate Payment Parameter Description :**
  The parameter description available on below link
  https://docs.easebuzz.in/mobile-integration-android/request-response-desc

- **Handle Payment Response :**
  Note: *Handle the response only when the parameter 'Intent data' is not null in onActivityResult() method.*

```
protected override void OnActivityResult(int requestCode, [GeneratedEnum] Result resultCode, Intent data)
{
  if(data != null )
   {
      if (requestCode == PWEStaticDataModel.PWE_REQUEST_CODE)
       {
          String result = data.getStringExtra("result");
          String payment_response = data.getStringExtra("payment_response");
          try {
              // Handle response here
           }catch (Exception e){
             // Handle exception here
          }
       }
    }
}
```

- **App can get the result as follows:**
  ```
  String result = data.getStringExtra("result");
  ```

- **The result can be**
    "payment_successfull"

    "payment_failed"

    "txn_session_timeout"

    "back_pressed"

    "user_cancelled"

    "error_server_error"

    "error_noretry"

    "invalid_input_data"

    "retry_fail_error"

    "trxn_not_allowed"

    "Bank_back_pressed"

- **App can get the detailed response by:**

  String response = data.getStringExtra("payment_response");

  This response is a json string and can be parsed to get the details about the ongoing transaction.

- **Sample Detailed Response:**

  https://docs.easebuzz.in/mobile-integration-android/request-response-desc