

PluralXT iOS SDK Integration V1.0

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1 About This Guide

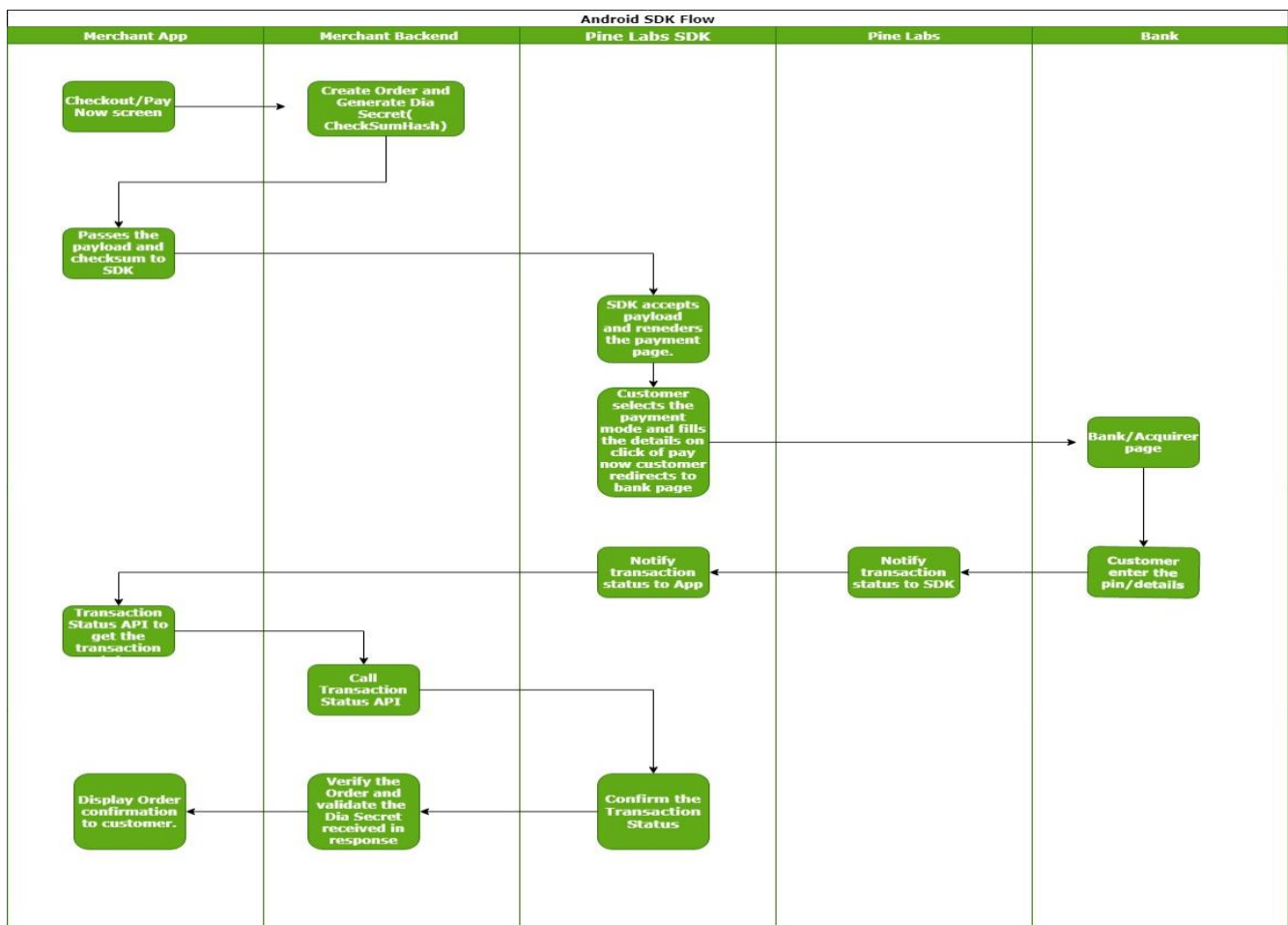
1.1 Objectives and Target Audience

This guide provides the details on how to connect merchant's iOS application with PluralIXT SDK and use its services. It is intended for users who want to carry out integration with payment gateway.

2 iOS SDK Payment Flow

- **Step 1** : On click of make payment/pay now button, order payload is passed to merchant server by the app.
- **Step 2**: Generate the token through Order creation api.Refer this URL for creating order <https://developer.pinelabs.com/plural-xt/apis#order>
- **Step 3** :. Pass the created token and all the payload details to PluralIXT SDK.
- **Step 4** : If payload is valid redirect to PluralIXT iOS SDK and payment options will be displayed.
- **Step 6** : Once the customer fill the payment details and complete the payment, then merchant app is notified via call back.
- **Step 7** : Merchant verifies the transaction status with get transaction status API via server to server call.

2.1 Flow Diagram



3 SDK Integration

Step 1 SDK Installation and Setup

Download the SDK and unzip it.

Open your project in Xcode and go to **file** under **Menu**. Select **Add files to “your project”**.

Select **PluralXT_iOS_SDK.framework** in the directory you just unzipped.

Select the **Copy items if needed** check-box.

Click **Add**.

Navigate to **Target settings > General** and add the **PluralXT_iOS_SDK.framework** in both **Embedded Binaries** and **Linked Frameworks and Libraries**.

For Objective-C:

0. Open your project in Xcode and go to **file** under **Menu**. Select **Add files to “your project”**.
1. Select **PluralXT_iOS_SDK.framework** in the directory you just unzipped.
2. Select the **Copy items if needed** check-box.
3. Click **Add**.
4. Navigate to **Target settings > General** and add the **PluralXT_iOS_SDK.framework** in both **Embedded Binaries** and **Linked Frameworks and Libraries**.
5. Go to **Project Settings**.
6. Select **Build Settings - All and Combined** from the Menu of the project settings.
7. Under **Build Options** set **Always Embed Swift Standard Libraries** option to **TRUE**.

3.1 Step 2 Initialization

- Generate the token through Order creation api.Refer this URL for creating order and token <https://developer.pinelabs.com/plural-xt/apis#order>
- After creating pass the token, Callback Object,paymentMode and Enviroment in PluralXTManager class.
- Enviroments:
 - UAT : 2
 - Production : 1

```
PluralXTManager.sharedInstance.setContext(ctx: self);
```

```
PluralXTManager.sharedInstance.ProcessPayment(pinePGResponseCallback:MerchantCallbackResponse(),  
enviroment:0, paymentMode:"1", token: TokenId)
```

Step 3 Implement CallBack Protocol

```
public class MerchantCallbackResponse: IPluralXTResponseCallback
```

```
{
```

```
    public func onErrorOccured(code: Int, message: String)
```

```
{
```

```
}
```

```
    public func onTransactionResponse()
```

```
{
```

```
}
```

```
    public func internetNotAvailable(code: Int, message: String)
```

```
{
```

```
}
```

```
    public func onCancelTxn(code: Int, message: String)
```

```
{
```

```
}
```

```
}
```

4 Transaction Verification

It is the Rest API used to get the transaction status of the transaction. Merchant needs to call this api after receiving callback of transation.

Parameter details can be found in dependent transaction request section <https://developer.pinelabs.com/plural-xt/docs>