**PaymentGateway Swift Framework Documentation**

1. **Prerequisites**

|  |  |  |
| --- | --- | --- |
| NO |  |  |
| 1. | Mac OS | macOSCatalina  10.15.6 and above |
| 2. | Xcode | 11.7 and above |
| 3. | iOS | 10 and above |
| 2. | Swift | 4 and above |

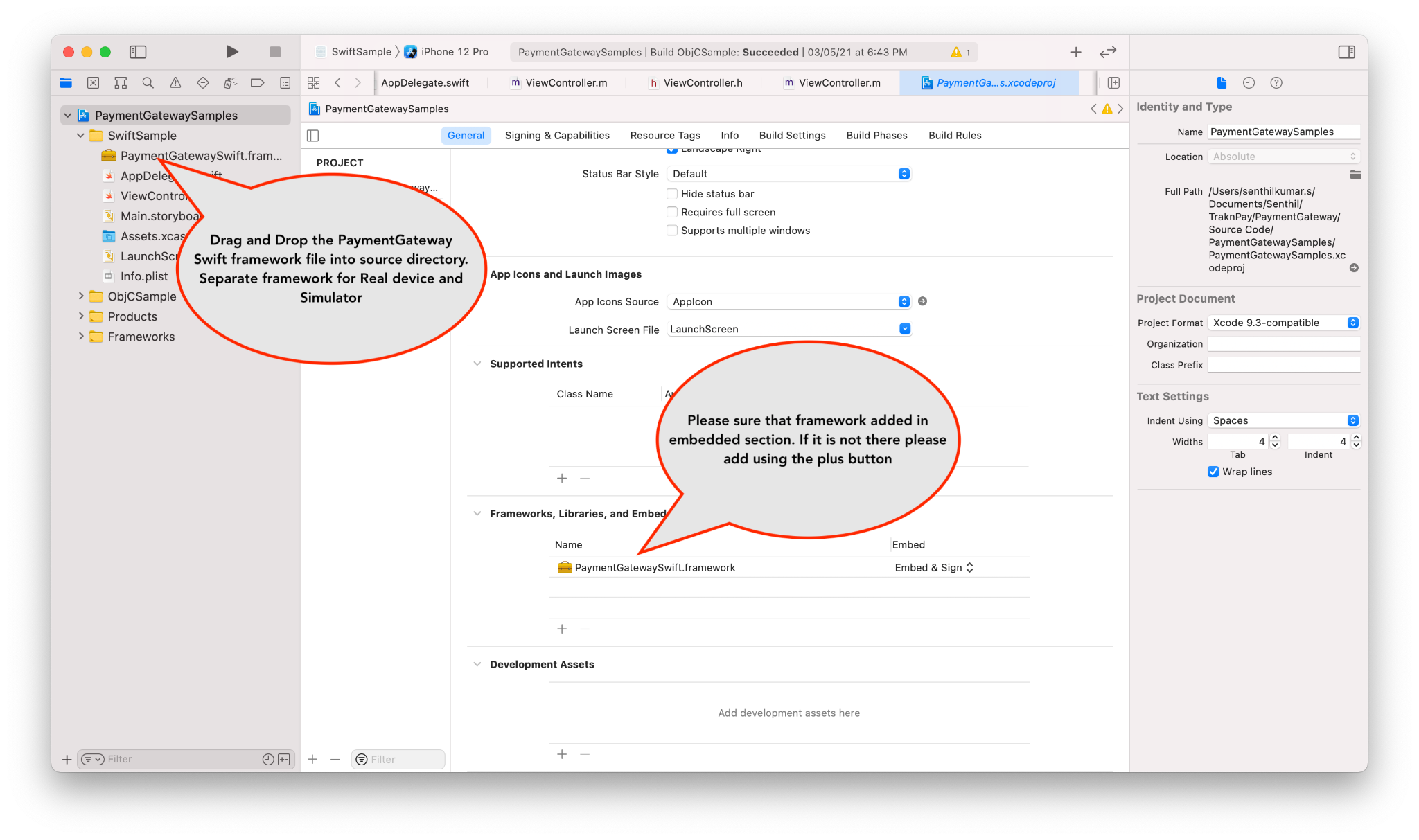
1. **How to Integrate**

**Step 1:**

Create a new project using Xcode 11.7 and above.

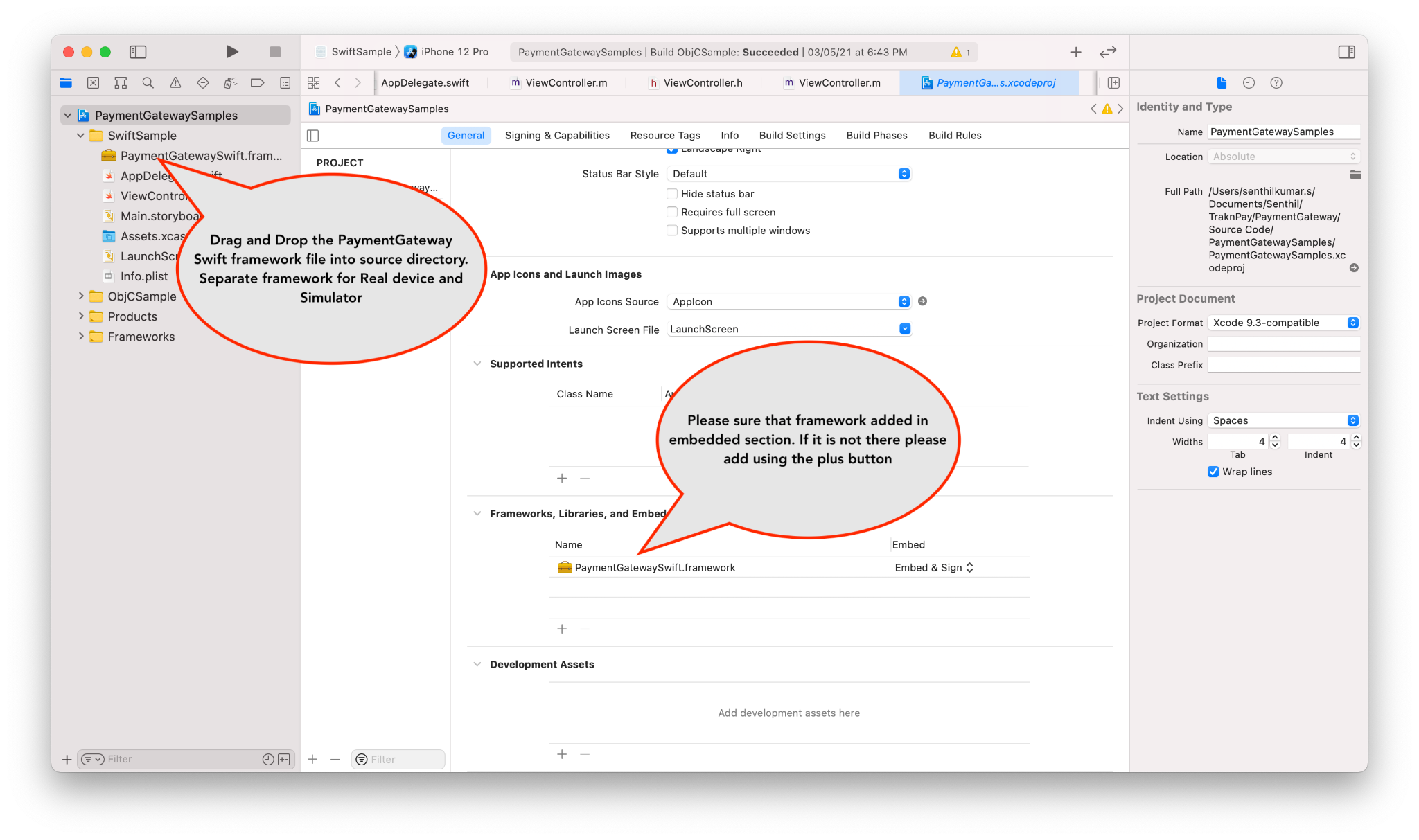
**Step 2:**

Drag and drop the PaymentGateway framework into your project



**Step 3:**

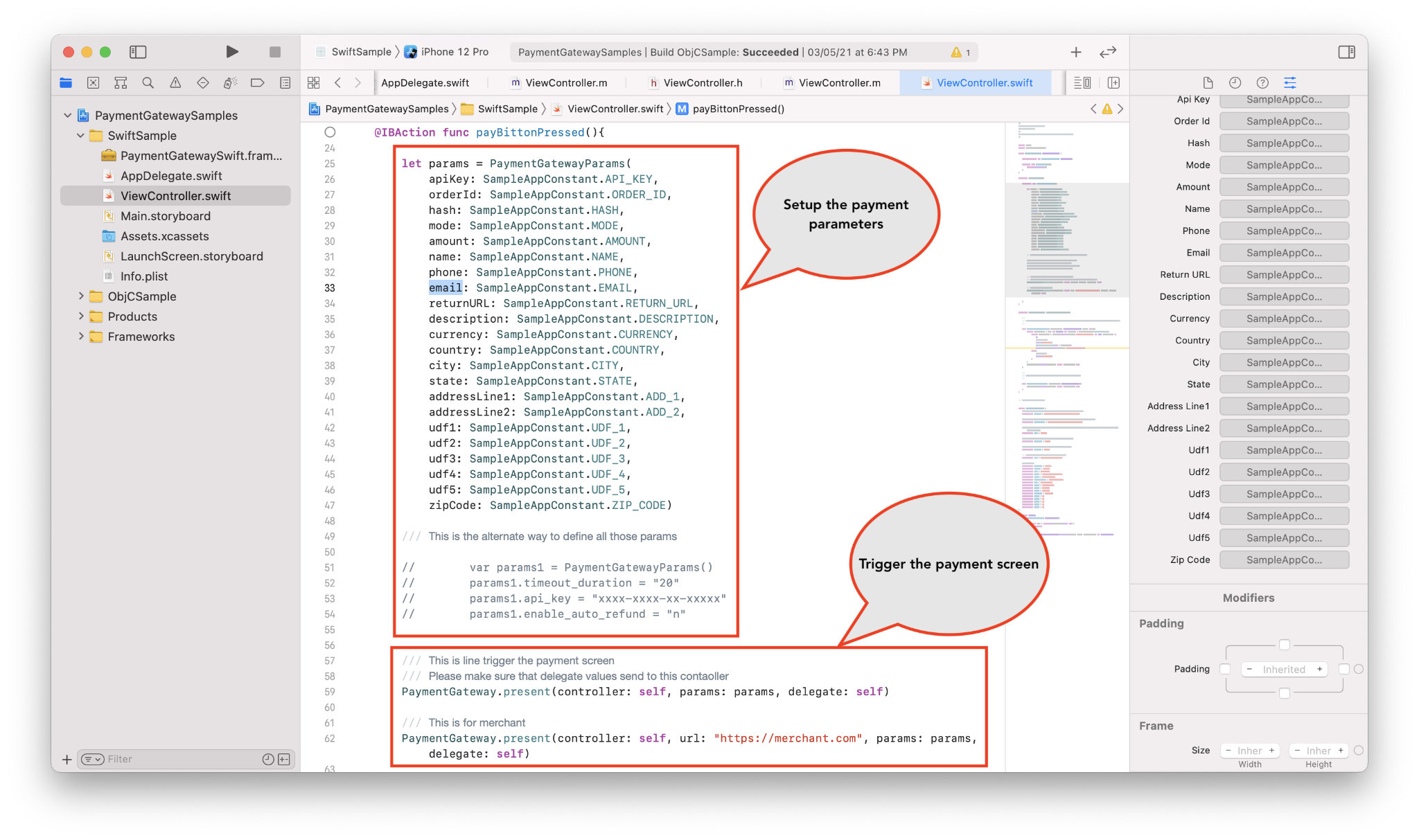
Please make sure that PaymentGateway framework file added in embedded framework section



**Step 4:**

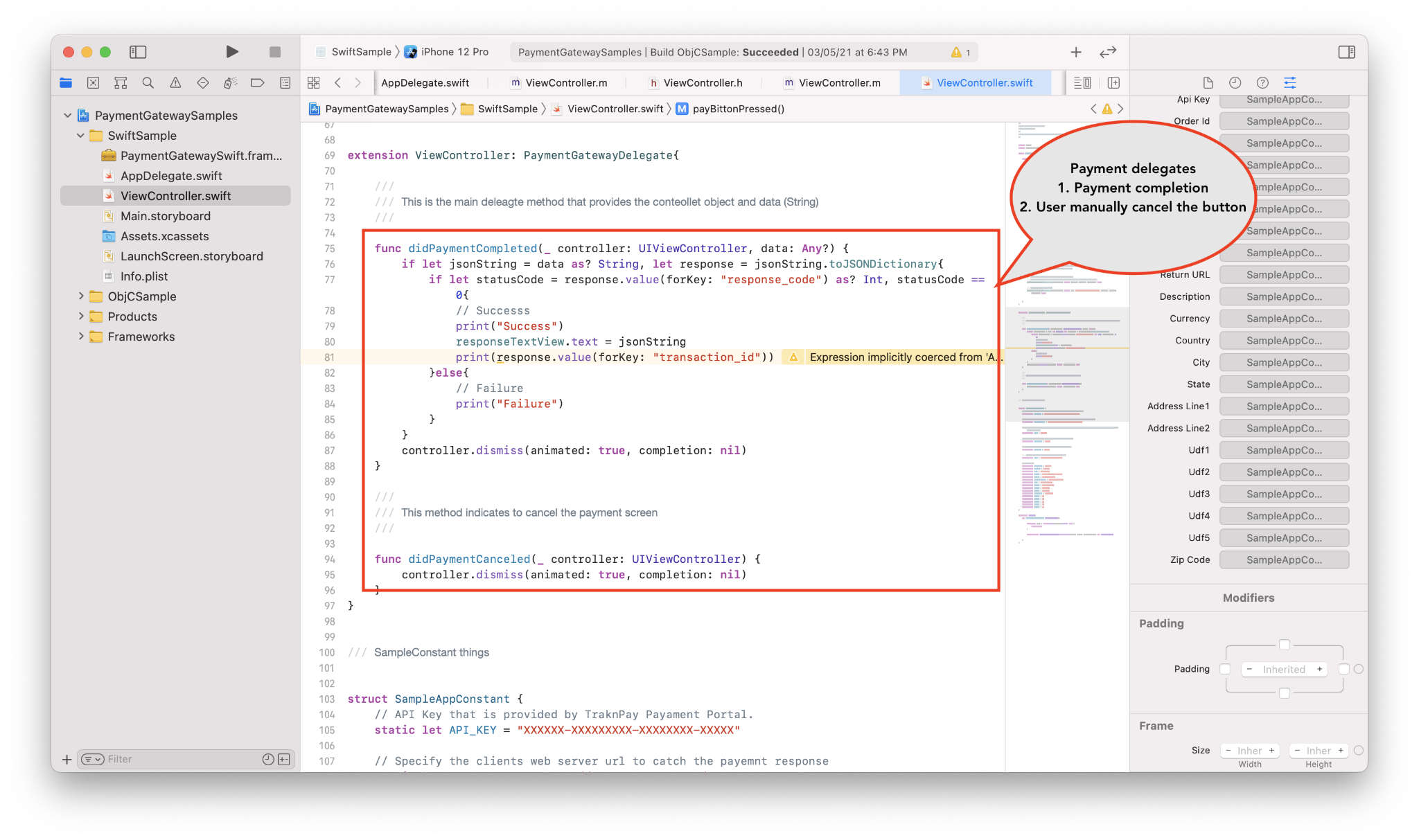
Then set up your Payment parameters. Please make sure following parameters updated through your dashboard

1. API KEY - Take this one from the client PaymentGateway portal.
2. HASH Key - Client server should generate that unique key based on SALT KEY and payment parameters
3. Return URL - this is client server call back URL
4. ORDER ID - This is unique and it should be generate by client server



**Step 5:**

Make sure that you have placed the payment delegate methods



**Step 6:**

Please make sure follow things enabled:

1. App Transport Security field updated in Info.plist file
2. Please add WebKit.framework if you get any crash related to WebKit framework

**3. Code Integration:**

1. Payment Trigger function:

/// Payment gateway screen

[PaymentGateway present:**self** url:@"https://mechanturl.com" delegate:**self** withParams:params];

1. Delegate Methods:

/// This is the main deleagte method that provides the conteollet object and data (String)

**func** didPaymentCompleted(**\_** controller: UIViewController, data: **Any**?) {

**if** **let** jsonString = data **as**? String, **let** response = jsonString.toJSONDictionary{

**if** **let** statusCode = response.value(forKey: "response\_code") **as**? Int, statusCode == 0{

// Successs

print("Success")

responseTextView.text = jsonString

print(response.value(forKey: "transaction\_id"))

}**else**{

// Failure

print("Failure")

}

}

controller.dismiss(animated: **true**, completion: **nil**)

}

/// This method indicates to cancel the payment screen

**func** didPaymentCanceled(**\_** controller: UIViewController) {

controller.dismiss(animated: **true**, completion: **nil**)

}