**DEMO STEP-BY-STEP**

**The ‘demo’ application is the model for integration.**

There are 6 PHP files in the demo:

1. index.php

2. ext.php

3. cancel.php

4. fail.php

5. receive.php

6. error.php

Parameter validation:

Secure hash creation should be exactly how it is in each corresponding file in the demo.

Steps and corresponding files:

A. Transaction initiation or the checkout page: 'index.php'

B. Gateway connection file: 'ext.php'

C. Transaction Confirmation files: 'cancel.php', 'fail.php', 'receive.php'

D. Error handling file: 'error.php'

**Steps:**

A. 10 parameters are initiated at the checkout page ‘index.php’ , of which 7 must have values and they are marked as **necessary.** The rest can have blank values.

1. Transaction ID **(must be unique for every transaction)** - **necessary**

2. Success URL **(in this case, it is the URL of the receive.php file)** - **necessary**

3. Fail URL **(in this case, it is the URL of the fail.php file)** - **necessary**

4. Cancel URL **(in this case, it is the URL of the cancel.php file)** - **necessary**

5. First Name

6. Last Name

7. Email

8. Phone on record (can be different from the phone used for transaction).

9. Product Info- must not contain space character - **necessary**

10. Amount- integer only with no decimal point- **necessary**

B. Gateway Communication:

4 additional parameters are initiated from the gateway connection page ‘ext.php’:

1. key- randomly generated, session specific salt (if required, can be the same as the transaction ID)**- necessary**

2. **Merchant ID** **– necessary [Insert your merchant ID in index.php]**

3. The secret hash, made with various parameters, including the randomly generated salt and the **merchant secret key** **– necessary [insert your merchant key in index.php]**

4. lang – language support which currently only supports Hindi (lang=hi). The default is English.

**NOTE:**

1. **The hash computation scheme and the form parameter names should be exactly as mentioned in the 'ext.php' file.**

All 14 (10+4) parameters are submitted via POST request from the ‘ext.php’ page to the specified URL of Yippster domain

key=1eee58f&hash=a24b01d98ad54703b1f7bd048f0524ea&txnid=52250&surl=http%3A%2F%2Flocalhost%2Fdemo%2Freceive.php&furl=http%3A%2F%2Flocalhost%2Fdemo%2Ffail.php&curl=http%3A%2F%2Flocalhost%2Fdemo%2Fcancel.php&firstname=Anant&lastname=Kochhar&email=kochhar.anant%40gmail.com&phone=9868759665&productinfo=IndiaToday+RW2&amount=1.5&lang=hi&merchantID=0000

C. There are 3 transaction states: cancel, fail, success.

1. Cancel can be user initiated or system initiated. Confirmation is received at 'cancel.php'. The GET parameter 'cause' identifies the reason, while the ‘hash’ parameter confirms the authenticity of the call.

<http://localhost/demo/cancel.php?hash=6a7baf09e7a01b681d88518662e00f66&cause=cancel&txnid=30607>

System Initiated Cancellation occurs when:

1. User is attempting to buy the same product with the same mobile number within 15 minutes.
2. User does not have sufficient balance to purchase the product.
3. System is experiencing problems.

2. Fail occurs in circumstance when a transaction record is not even created on our systems. The confirmation is received by 'fail.php'. The URL parameter ‘cause’ identifies the reason, while the ‘hash’ parameter confirms the authenticity of the call.

<http://localhost/demo/fail.php?txnid=39868&cause=anothertxn&salt=921&hash=a20f45f00ddd1dd06900b10f98cfefe8>

Fail occurs when:

1. A previously used transaction ID is being used by the merchant.
2. System is undergoing maintenance.

3. Success occurs when all systems work smoothly. Confirmation is received at 'receive.php' as a POST request:

key=daa96d9&hash=d98a6b9361570fb3e47d32df919f312d17109186b351f1e74709c4efe48f17773d732e6af8ac3bb3564c561a237059d802ba008e38d01c061bedd46666675979&payphone=%2B919871099665&status=paid&txnid=40418

Note: The status and cause codes are explained in the ‘Yippster-Return-Codes-Descriptions-ver.1.0’ document.

D. Error page:

1. On failure of the hash computation, the user should be directed to an error page.