Faturah Merchant

Integration Guide

# Amendment History



Document Status

Draft

Final

Release

Document Author: Basim Amin

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document Version | Action | Modified By | Date & Time | Section, Page(s)and Text Revised |
| Version 1.0 | Created | Ahmed Nour Eldeen | 11-Nov-2010 |  |
| Version 1.1 | Reviewed | Basim Amin | 23-Dec-2010 | Some parts refined into document |
| Version 1.2 | Updated | Basim Amin | 24-Jan-2011 | Update Integration fields by adding new field “lang” & remove non mandatory fields |
| Version 1.3 | Updated | Basim Amin | 22-Feb-2011 | Update URLs of testing environment |
| Version 1.4 | Updated | Basim Amin | 06-Mar-2011 | Add PHP Integration Code |
| Version 1.5 | Updated | Basim Amin | 15-Mar-2011 | Update testing Credit Card data as per SAMBA notification |

## 

**Distribution List**



|  |  |  |
| --- | --- | --- |
| Affiliation | Name | Role |
| Internal | Mahmoud Abdul Jabbar | Business Director |
| Internal | Egypt Development Team |  |
| External | Faturah Merchants |  |

Table of Contents



[1. Introduction 5](#_Toc286233800)

[2. How Faturah Works 6](#_Toc286233801)

[3. Prerequisite For Merchant 8](#_Toc286233802)

[4. Integration Summary 9](#_Toc286233803)

[5. Integration Instructions 10](#_Toc286233804)

[6. Using Faturah Logo 15](#_Toc286233805)

[7. Support & Reference 17](#_Toc286233806)

[8. Appendix I 18](#_Toc286233807)

[9. Appendix II 20](#_Toc286233808)

[10. Appendix III 22](#_Toc286233809)

[11. Appendix IIII 27](#_Toc286233810)

# Introduction

This is an integration guide that explains to merchants how to make use of Faturah E-Payment service.

# How Faturah Works

* The buyer browses through a merchant’s website.
* He looks for the item or service he wants to buy and loads it into his shopping cart.
* When he is ready to pay, he clicks on the button that says, “Pay through Faturah.”
* The buyer directed to Faturah payment gateway to confirm payment form and click “Approve”.
* The buyer directed again to SambaConnect and he pays using his credit card. He will then be prompted to enter his credit card number, expiry date and CVV number.
* When the transaction is completed, the buyer receives a confirmation message from SambaConnect. The buyer acknowledges the message and he is redirected back to Faturah then to the merchant’s website.
* The merchant receives a separate message confirming that the buyer has authorized the payment.

**Transaction flow for payment through Faturah**

Merchant Server

3

2

Merchant server call Faturah web service to issue transaction token, it passes Merchant Code with call.

Faturah receives Merchant code and do some checks and if check is OK, it generate token to Merchant and return it into result.

In case of any error, details of error will be sent back.

# 



8

Faturah redirects the buyer to the merchant site again with status code.

Faturah sends direct message to Merchant with status code

**BUYER**

6

7

SambaConnect directs buyer again to Faturah with status of transaction

Welcome to Samba connect

Please Login :

Card No.

Exp. Dt.

CVV No.

5

4

Faturah showed to buyer payment confirmation form which filled with some data.

If buyer clicks Approve, then it directed to SambaConnect service

Merchant redirects the request to Faturah Gateway with Merchant Code and Token issued with other parameters in Query string.

1

**BUYER**

# Prerequisite For Merchant

* Merchant should be registered in Faturah and active.
* You have to get your merchant code which is your Faturah Identity between all communications layers.
* Merchant server able to see internet in order to talk to Faturah web service.

# Integration Summary

There are some steps that need to be applied into Merchant site in order to integrate with Faturah payment gateway. These steps will be done by Merchant technical (Development) team in order to integrate:

1. Into Merchant site code: Add web reference for Faturah web service.
2. Call Web method in order to issue token for Merchant buyer’s transactions.
3. Direct buyer to Faturah payment gateway using GET or POST methods. Merchant site must pass token issued into first step with some other data to Faturah gateway in order to complete transaction successfully.
4. Develop Merchant Call Back URL page which receives Transaction status related by token issued into first step. This page will update Merchant site system and display message to buyer with transaction status and complete his tour into merchant site.

# Integration Instructions

* 1. **Add web reference for Faturah web service**

1. Open your web site and add web reference to Merchant web service that exist on the following URL: <https://services.faturah.com/TokenGeneratorWS.asmx>

[*Please refer to* ***VI Note*** *for URLs that should be used while testing & development*](#VINote)

**Note #1:** please refer to [Appendix I](#_Appendix_I_1) for see how to add web references into most common development platforms.

**Note #2:** you can download wsdl file through this URL: <https://services.faturah.com/TokenGeneratorWS.asmx?wsdl>

[*Please refer to* ***VI Note*** *for URLs that should be used while testing & development*](#VINote)

1. You will find a method called (**GenerateNewMerchantToken**) with the following specifications:

* **Input Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Mandatory** | **Specs** |
| merchantCode | String(50) | Yes | Its merchant identity in Faturah system. |

* **Output Parameters:**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Expected Values & Description** |
| Token | String | It is a generated GUID to identify the transaction. |

* **In case of Errors:**

**The web service will throw exception as follows:**

|  |  |
| --- | --- |
| **Exception Message** | **Description** |
| Merchant\_Subscription\_Pending | It will be thrown in case that merchant subscription is pending for activation. |
| Merchant\_Subscription\_Expired | It will be thrown in case that merchant subscription is expired. |
| Merchant\_Subscription\_NotFound | It will be thrown in case that merchant is not subscribed yet into E-Payment service. |
| Application\_Is\_Suspended | The system is in Suspend mode. |
| Merchant\_Not\_Found | No merchant is found by the provided merchant code. |

**Note #1:** please refer to [Appendix II](#_Appendix_II_1) to see sample code for calling web service with different programming languages.

* 1. **Direct buyer to Faturah payment gateway**

1. Redirect buyer to Faturah payment gateway page. There are 2 options for sending data to payment page as the follows:
   1. Send data by “GET” Method: post data to the following URL <https://gateway.faturah.com/TransactionRequestHandler.aspx>

[*Please refer to* ***VI Note*** *for URLs that should be used while testing & development*](#VINote)

This method is being used to send data as query strings with redirect URL

**Note: Be noted that some famous browsers (like IE) have limits into characters sent into URL. The least one is IE which limits URL with 2,083 characters. So your code has to check on that length.**

**If your length greater than that, so you have to send data by POST method**

* 1. Send data by “POST” Method: post data to the following URL <https://Gateway.faturah.com/TransactionRequestHandler_Post.aspx>

[*Please refer to* ***VI Note*** *for URLs that should be used while testing & development*](#VINote)

This method is being used to send data into form post actions to payment URL

1. There are some fields **must** be passed when direct buyer as follows:

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Type(Length)** | **Description** |
| mc | String(50) | Merchant Code that you got |
| mt | String (GUID) | Merchant Token that generated from web service method  This is 32 GUID string with the following format xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx |
| dt | DateTime | Date & Time of transaction in Gregorian date only (Format must be **MM/dd/yyyy hh:mm:ss tt** ‘i.e. 06/18/2010 01:05:55 PM’) |
| a | Float | Total Price of Payment that need Faturah make buyer pay |

**Note #1:** *any wrong into data type for query string data will lead system to return error to merchant site & not complete process.*

**Note #2:** please refer to [Appendix III](#_Appendix_III_1) to see sample code for redirect user to Payment gateway page by 2 methods (“GET” or “POST”)

1. There are other fields that **should be** passed to Faturah system as follows:

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Type(Length)** | **Description** |
| ProductID | String(1000) | This is list of products IDs that customer buy separated by “|” (e.g. “Mob01|TV21|DELLLPT”. If no ProductID send “”) |
| ProductName | String(1000) | This is list of products Names that customer buy separated by “|” (e.g. “Nokia Mobile 6600|LG LCD|Laptop DELL Inspiron 5012”. If no ProductName send “”) |
| ProductDescription | String(1000) | This is list of products Descriptions that customer buy separated by “|” (e.g. “Nokia Mobile 6600 Silver edition Offer|LG LCD 32 Inch with Stand gift|Laptop DELL Inspiron 5012 Black color and Free Case”. If no ProductDescription send “”) |
| ProductQuantity | String(1000) | This is list of products Quantities that customer buy separated by “|” (e.g. “1|1|2”. If no ProductQuantity send “”) |
| ProductPrice | String(1000) | This is list of products Prices that customer buy separated by “|” (e.g. “750|1500|2500”. If no ProductQuantity send “”) |
| DeliveryCharge | Float | Delivery charge of this transaction (If no delivery change send 0) |

**Note #1:** any wrong into data type for fields will lead system to return error to merchant site & not complete process.

**Note #2:** If merchant didn’t pass mandatory fields’ parameter, this will lead system to return error to merchant site & not complete process.

**Note #3:** you have to verify that number of products sent into ProductID, ProductName. ProductDescription, ProductQuantity & ProductPrice have to be identical in order to maintain integrity of data shown to customer. If any data if any item is missing, please pass it empty into its place (i.e. If Quantity of second product into these products ‘“Mob01|TV21|DELLLPT”, please pass quantities as this “1||2”)

**Note #4:** please refer to [Appendix III](#_Appendix_III_1) to see sending some extra fields into sample code for redirect user to Payment gateway page by 2 methods (“GET” or “POST”)

1. After buyer be directed to Faturah payment gateway and he complete his cycle, Faturah will talk to Merchant call back URL (which is preconfigured at Faturah system).

Faturah will post back result to Merchant call back URL **TWICE**.

First call will be back 2 back http call back and “ignore” field (into below fields) will by =0 and second will be redirect buyer to call back URL with “ignore” field =1.

These 2 calls in order enable merchant to handle updates into his DB or System with result returned into first call (ignore=0) and display only handled message to buyer into second redirect call (ignore=1). So if buyer press refresh many times or change any query string value, nothing affected into merchant back end system.

The below table contains result fields parameters returned as follows:

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Expected Values & Description** |
| Response | Int | This field states result of overall process if any error happened or not.   * It will be **0** in case of error , * Otherwise it will be **1**. |
| status | Int | This field indicate status of transaction incase that process ran without any error.  So It will be passed ONLY if Response = 1.  The Possible values are:   * **15** (Transaction is accepted by bank). This status comes if transaction sent to bank to be processed automatically. * **30** (Transaction is approved/accepted by Faturah Team). This status comes if transaction sent to bank to be approved by Faturah Team. * **22** (Transaction is rejected). This status comes if transaction was rejected by Faturah Fraud Management system or by SAMBA Bank. * **6** (Transaction is NOT approved/accepted by Faturah Team). This status comes if transaction sent to bank to be approved by Faturah Team and they reject it. * **1** (Transaction is pending on bank processing). This status comes if SAMBA bank still need time to process transaction. Final status will be send after agreed time by Faturah to merchant again. * **18** (Transaction is pending on Faturah Team for approval/acceptance). This status comes if transaction sent to bank to be approved by Faturah Team and bank is accepted it but still waiting for Faturah Team approval. |
| code | String(50) | This field contain Transaction code generated by Faturah System when direct buyer to it.  So It will be passed ONLY if Response = 1.  This code is the identity for new transaction and will be reference for any work on this transaction later. |
| token | String (GUID) | This field contained transaction token which is generated into first step. Merchant will relate status returned for transaction by this token into his system. |
| ignore | Int | This field indicates if Faturah call merchant back 2 back, so merchant update his system or redirect buyer to it, so only to disp0lay status message to him.   * It will be **0** into first call. So to be processed by the Merchant call back URL. * And it will be **1** into second redirect http call. So to be ignored by the merchant call back URL. |
| lang | String(10) | This field contain selected language that buyer chose on Faturah System when.  The Possible values are:   * **ar** if buyer chose Arabic language * **en** if English language. |
| ResponseText | String(100) | This field will be passed ONLY in case of error; it will hold the error description.  The Possible values are:   * **System Error:** This means that Faturah system faced a problem internally. So you need to call Faturah IT Team to know the cause of the problem. * **Invalid Configuration:** This means that Faturah system found an error into merchant configuration. So you need to call Faturah IT Team to know the cause of the problem. * **Merchant Code(mc) is Not Found:** This means that you didn’t pass merchant code (mc) field parameter or its value is empty when redirect buyer to it. So Please check your code and integration with Faturah to insure that you send all Mandatory fields * **MerchantToken(mt) Not Found:** This means that you didn’t pass merchant token (mt) field parameter or its value is empty when redirect buyer to it. So Please check your code and integration with Faturah to insure that you send all Mandatory fields * **Transaction Date(dt) not found:** This means that you didn’t pass transaction date (dt) field parameter or its value is empty when redirect buyer to it. So Please check your code and integration with Faturah to insure that you send all Mandatory fields * **Transaction Price(a) not found:** This means that you didn’t pass transaction price (a) field parameter or its value is empty when redirect buyer to it. So Please check your code and integration with Faturah to insure that you send all Mandatory fields * **{Field} not found (i.e. Email not found):** This means that you didn’t pass a mandatory field parameter or its value is empty (which your Faturah Configuration stated on that) when redirect buyer to it. So Please check your code, configuration and integration with Faturah to insure that you send all Mandatory fields * **Invalid Token:** This means that sent token is invalid or token is expired or token is already used before or token is not belonging to sent merchant code. Check that you validate merchant code and token fields before sent to Faturah and don’t use same token more than once. * **Invalid Merchant Code:** This means that sent merchant code is not exist into Merchants data. Insure that you are using valid merchant code sent to you. * **Invalid Date Time Format:** This means that you pass Transaction Date (dt)field into wrong format than stated into above table (MM/dd/yyyy hh:mm:ss tt ‘i.e. 06/18/2010 01:05:55 PM’). So please check your code to insure that you send Transaction Date (dt) field into correct format stated above. * **Invalid Price:** This means that you pass Transaction Price (a)field into wrong format than stated into above table (float). So please check your code to insure that you send Transaction Price (a) field into correct format stated above. * **{FieldName}:Invalid format (i.e. DeliveryCharge:Invalid format):** This means that you pass one field into wrong format than stated into above table. So please check your code to insure that you send all fields into correct format stated above. |

**Note #1:** In case of Errors happened after redirect buyer to Faturah, Response will equal 0 and ResponseText will hold the error description.

**Note #2:** Please refer to [Appendix IIII](#_Appendix_IIII) to see sample code for call back URL page into merchant system to handle all responses returned.

# Using Faturah Logo

When you accept Faturah at your Web site, be sure to display the Faturah logo to demonstrate your promise to deliver a secure and convenient online payment & shopping experience.

* 1. **Faturah Brand Mark Basics**

Use the Faturah Brand Mark on your Web site. To use the Faturah Brand Mark on print materials, please order the Faturah Brand Mark Artwork and Reproduction Guide.

To use the Faturah Brand Mark online, follow these simple instructions to download the images below:

Right-click the image and select "Save Image As" to save the file on your hard drive.

Copy the image's HTML code (listed below) and paste it into your HTML document.

C:\Users\b.amin\Desktop\gif\Faturah_S.gif

<a target="\_blank" href=" http://www.Faturah.com"><img src="http://www.faturah.com/images/seal/Faturah\_S.gif" alt=”Faturah\_Logo\_70x30” border=”0”></a>

C:\Users\b.amin\Desktop\gif\100px.gif

<a target="\_blank" href=" http://www.Faturah.com"><img src="http://www.faturah.com/images/seal/Faturah\_M.gif" alt=”Faturah\_Logo\_100x43” border=0></a>



<a target="\_blank" href=" http://www.Faturah.com"><img src="http://www.faturah.com/images/seal/Faturah\_L.gif" alt=”Faturah\_Logo\_150x64” border=0></a>



<a target="\_blank" href=" http://www.Faturah.com"><img src="http://www.faturah.com/images/seal/Faturah\_XL.gif" alt=”Faturah\_Logo\_200x85” border=0></a>

* 1. **Decals & Signage**

By displaying the Faturah Brand Mark at your business, you are letting credit card holders worldwide know that you proudly welcome electronic payment.

Conveniently select free Faturah door decals and point-of-sale signage from our Order Materials page.

If you would prefer to order from a Faturah representative, please Call (+966) 920001337 or send fax to (+966) 2 6615570 or send mail to [Info@Faturah.com](mailto:Info@Faturah.com).

# Support & Reference

For any inquiry or help regarding integration issues or problems, please send mail to [Support@faturah.com](mailto:Support@faturah.com).

Also you can download below source code from following URLs:

1. **C# .NET:** <http://www.faturah.com/sourcecode/csharp.rar>
2. **VB .NET:** <http://www.faturah.com/sourcecode/vb.net.rar>
3. **ASP Classic:** <http://www.faturah.com/sourcecode/aspclassic.rar>
4. **PHP:** <http://www.faturah.com/sourcecode/php.rar>

Also you can run the integration code during testing by using one of the following merchant codes:

1. xxxxxxxxxxxxxxxxxxxxxxxxxxxx1000
2. xxxxxxxxxxxxxxxxxxxxxxxxxxxx1001
3. xxxxxxxxxxxxxxxxxxxxxxxxxxxx1002

**VI** **Note:** In order to start testing integration, you need to update URL of web service and gateway by the following values:

**Web service:**

<https://Servicetest.faturah.com/TokenGeneratorWS.asmx>

**Gateway URL (GET Method URL):**

<https://gatewaytest.faturah.com/TransactionRequestHandler.aspx>

**Gateway URL (POST Method URL):**

<https://gatewaytest.faturah.com/TransactionRequestHandler_Post.aspx>

*Note: You need to contact us first before use any of the above code in order to configure one for you to call your URL back in order to finish testing cycles.*

While integration development phase, you will be directed to test SAMBA bank payment site. So you can use the following credit card information in order to complete all cycle:

* **Credit Card Number (رقم بطاقة الإئتمان):** 5436830000000029
* **CVV Number (رقم تأكيد الفيزا):** 123
* **Exp** **Date MM/YY (تاريخ إنتهاء البطاقة):** 12/15

# Appendix I

This section explains steps that need to be followed in order to add web reference to developed web service into most common development platforms:

* 1. **How to add web reference into Visual Studio (2003) IDE:**

1. In Solution Explorer, select the project that will consume the Web service.
2. On the Project menu, choose Add Web Reference.

The Add Web Reference dialog box opens.

1. In the URL box, enter the URL of the Web service to use. (in our case, please enter <https://Services.faturah.com/TokenGeneratorWS.asmx>)

[*Please refer to* ***VI Note*** *for URLs that should be used while testing & development*](#VINote)

1. Select a Web service from the Services listed in the Web browser pane on the left.

The path to the selected Web service appears in the URL field. The Start Browsing for Web Services pane will search this path for Web services and display descriptions for any services found.

*Note:*

*If you are developing a Web application on a machine that is behind a firewall, and your application will consume Web services found outside of the firewall, you must include the address and port of your network's proxy server in the URL. Ask your network administrator to furnish this part of the URL path.*

1. Verify that your project can use the Web service, and that any external code provided is trustworthy.
2. In the Web reference name field, enter a name that you will use in your code to access the selected Web service programmatically. (e.g. name it “FaturahTokenGen”)
3. Select the Add Reference button to create a reference in your application to the selected Web service. The new reference will appear in Solution Explorer under the Web References node for the active project, named as specified in the Web reference name field.
4. In Solution Explorer, expand the Web References folder to note the namespace for the Web reference classes that are available to the items in your project.

After adding a Web reference to your project, the associated files are displayed in a folder within the Web References folder of Solution Explorer.

**To refresh a Web reference**

Right-click on the Web reference in Solution Explorer and select Update Web Reference from its shortcut menu.

This will regenerate the proxy class for the Web service, using the latest copy of its .WSDL description file. Any methods listed in the refreshed proxy should be available from the current version of the Web service.

* 1. **How to add web reference into Visual Studio (2005, 2008 & 2010) IDE:**

1. In Solution Explorer, right-click the name of the project to add the Web service to and then click Add Web Reference.

The Add Web Reference dialog box is displayed.

1. In the URL box, enter the URL of the Web service to use. (in our case, please enter <https://Services.faturah.com/TokenGeneratorWS.asmx>)

[*Please refer to* ***VI Note*** *for URLs that should be used while testing & development*](#VINote)

*Note:*

*If you are developing a Web application on a computer that is behind a firewall, and your application will consume Web services from outside the firewall, you must include the address and port of your network's proxy server in the URL. Ask your network administrator to furnish this part of the URL path. For more information, see "The proxy settings on this computer are not configured correctly for Web discovery" in the Visual Studio 2005, 2008 & 2010 SDK.*

1. In the Web services found at this URL box, select the Web service to use.
2. Verify that your project can use the Web service, and that any external code provided is trustworthy.
3. In the Web reference name field, enter a name that you will use in your code to access the selected Web service programmatically. (e.g. name it “FaturahTokenGen”)

*Note*

*By default, Web references are assigned a namespace that corresponds to their server name. You can change this value and enter a custom namespace name.*

1. Click Add Reference.

If your Web site does not already have one, Visual Studio creates an App\_WebReferences folder. It then creates files required for the proxy class using the name you provided in Step 5.

# 

# Appendix II

This section shows source code of how to generate merchant tokens in different languages:

[*Please refer to* ***VI Note*** *for URLs that should be used while testing & development*](#VINote)

* 1. **C# .NET:**

try

{

//\*\*\* Initialize

strMyMerchantCode = "xxxxxxxxxxxxxxxxxxxxxxxxxxxx1000"; //\*\*\* Put your merchant Code

FaturahTokenGen.TokenGeneratorWS ObjFaturahWs = new FaturahTokenGen.TokenGeneratorWS();

TokenGUID = ObjFaturahWs.GenerateNewMerchantToken(strMyMerchantCode); //\*\*\* get token from web service method

RedirectBuyerToPaymentGatwayPage(strMyMerchantCode, TokenGUID); //\*\*\* This Function is illustrated in Appendix III

}

catch (System.Web.Services.Protocols.SoapException Ex)

{

Response.Write("Error while generate Token: " + Ex.Message);

}

* 1. **VB .NET:**

Try

'\*\*\* Initialize

Dim strMyMerchantCode As String = "xxxxxxxxxxxxxxxxxxxxxxxxxxxx1000" '\*\*\* replace with your merchant Code

Dim TokenGUID As String

Dim ObjFaturahWs As New FaturahTokenGen.TokenGeneratorWS()

TokenGUID = ObjFaturahWs.GenerateNewMerchantToken(strMyMerchantCode) '\*\*\* get token from web service method

RedirectBuyerToPaymentGatwayPage(strMyMerchantCode, TokenGUID) '\*\*\* This Function is illustrated in Appendix III

Catch ex As System.Web.Services.Protocols.SoapException

Response.Write("Error while generate Token: " & ex.Message)

End Try

* 1. **ASP Classic:**

<%

'\*\*\*\* Call Web service

On Error Resume Next

Dim objRequest

Dim strMyMerchantCode, TokenGUID

strMyMerchantCode = "xxxxxxxxxxxxxxxxxxxxxxxxxxxx1000" '\*\*\* Put your merchant Code

Set objRequest = Server.createobject("MSXML2.XMLHTTP")

With objRequest

.open "GET", "https://services.faturah.com/TokenGeneratorWS.asmx/GenerateNewMerchantToken?merchantCode=" & strMyMerchantCode, False

.setRequestHeader "Content-Type", "text/xml"

.send '\*\*\* Send request to web service

End With

'Response.Write(objRequest.status)

If objRequest.status = "500" Then '\*\*\* Error resturned

'\*\*\*\* Handle Error

Response.Write("Error while generate Token: " & objRequest.responseText)

Else '\*\*\* No Error

'\*\*\* Parse XML Returned

Set objXMLDoc = Server.createobject("MSXML2.DOMDocument")

objXmlDoc.async = false

If objXMLDoc.LoadXml(objRequest.responseText) Then

TokenGUID = objXMLDoc.SelectSingleNode("string").text

End If

Call RedirectBuyerToPaymentGatwayPage(strMyMerchantCode,TokenGUID) '\*\*\* This Function is illustrated in Appendix III

End If

If Err.Number <> 0 Then

'\*\*\*\* Display Error Message to us

%>

<B>Page Error Object</B><BR>

Error Number <%= Err.Number %><BR>

Error Description <%= Err.Description %><BR>

<%

'\*\*\*\* Clear response buffer

Response.Clear

End if

%>

* 1. **PHP**

<?

try

{//\*\*\* Initialize

$client = new SoapClient('https://Services.faturah.com/TokenGeneratorWS.asmx?wsdl');

// $client = new SoapClient('TokenGeneratorWS.wsdl'); // From the locally downloaded file $strMyMerchantCode = "xxxxxxxxxxxxxxxxxxxxxxxxxxxx1001"; //\*\*\* Put your merchant Code

$faturahParams = array('GenerateNewMerchantToken'=>array("merchantCode"=>$strMyMerchantCode));

$result = $client->\_\_soapCall('GenerateNewMerchantToken', $faturahParams);

$TokenGUID = $result->GenerateNewMerchantTokenResult;

RedirectBuyerToPaymentGatwayPage($strMyMerchantCode, $TokenGUID); //\*\*\* This Function is illustrated in Appendix III

}catch(Exception $ex)

{

print("Error while generate Token: " . $ex);

}

# ?>

# Appendix III

This section shows source code of how to redirect buyer to payment gateway page by 2 options (GET or POST) in different languages:

[*Please refer to* ***VI Note*** *for URLs that should be used while testing & development*](#VINote)

* 1. **GET Method:**

This method is being used to send data as query strings with redirect URL.

* + 1. **C# .NET:**

//\*\*\*\* This function is used to redirect user to payment gateway by GET method

protected void RedirectBuyerToPaymentGatwayPage(string strMerchantCode, string TokenGUID)

{

//\*\*\*\* Initialize

string FaturahPaymentPageURL = "https://gateway.faturah.com/TransactionRequestHandler.aspx"; //\*\*\*\* Put GET URL Here

string strTransactionPrice = "90"; //\*\*\*\* Here you have to set this value with transaction price you need buyer to pay

//\*\*\*\* Append Mandatory fields to URL

FaturahPaymentPageURL += "?" + "mc=" + strMerchantCode; //\*\*\* Merchant Code

FaturahPaymentPageURL += "&" + "mt=" + TokenGUID; //\*\*\* Token Genrated

FaturahPaymentPageURL += "&" + "dt=" + DateTime.Now.ToString("MM/dd/yyyy hh:mm:ss tt"); //\*\*\* Transaction date & time

FaturahPaymentPageURL += "&" + "a=" + strTransactionPrice; //\*\*\* Merchant Code

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\* These parameters should be passed aslo

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

FaturahPaymentPageURL += "&" + "ProductID=" + ""; //\*\*\* List of products IDs

if (("Nokia Mobile|LG LCD|Laptop DELL").Length <= 1000) //\*\*\* Check on lenght of List of products Name

{

FaturahPaymentPageURL += "&" + "ProductName=" + "Nokia Mobile|LG LCD|Laptop DELL"; //\*\*\* List of products Name

}

if (("Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color").Length <= 1000) //\*\*\* Check on lenght of List of products Descriptions

{

FaturahPaymentPageURL += "&" + "ProductDescription=" + "Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color"; //\*\*\* List of products Descriptions

}

FaturahPaymentPageURL += "&" + "ProductQuantity=" + "1|1|2"; //\*\*\* List of products Quanitites

FaturahPaymentPageURL += "&" + "ProductPrice=" + "20|10|25"; //\*\*\* List of products Prices

FaturahPaymentPageURL += "&" + "DeliveryCharge=" + "0"; //\*\*\* Delivery Charge

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\* Here you can pass more fields as per your specific configuration

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

FaturahPaymentPageURL += "&" + "EMail=" + "customer@mail.com"; //\*\*\* Cusotmer Email

FaturahPaymentPageURL += "&" + "lang=" + "en"; //\*\*\* Preferred Language (ar=Arabic, en=English)

//\*\*\*\* Redirect User to URL

if (FaturahPaymentPageURL.Length < 2084) ///\*\*\*\* This is the URL limit into IE

{

Response.Redirect(FaturahPaymentPageURL, false);

}

else

{

Response.Write("Redirect URL lenght is greater than 2083: " + FaturahPaymentPageURL.Length.ToString());

}

}

* + 1. **VB .NET:**

'\*\*\*\* This function is used to redirect user to payment gateway by GET method

Protected Sub RedirectBuyerToPaymentGatwayPage(ByVal strMerchantCode As String, ByVal TokenGUID As String)

'\*\*\*\* Initialize

Dim FaturahPaymentPageURL As String = "https://gateway.faturah.com/TransactionRequestHandler.aspx" '\*\*\*\* Put GET URL Here

Dim strTransactionPrice As String = "90" '\*\*\*\* Here you have to set this value with transaction price you need buyer to pay

'\*\*\*\* Append Mandatory fields to URL

FaturahPaymentPageURL &= "?" & "mc=" & strMerchantCode '\*\*\* Merchant Code

FaturahPaymentPageURL &= "&" & "mt=" & TokenGUID '\*\*\* Token Genrated

FaturahPaymentPageURL &= "&" & "dt=" & DateTime.Now.ToString("MM/dd/yyyy hh:mm:ss tt") '\*\*\* Transaction date & time

FaturahPaymentPageURL &= "&" & "a=" & strTransactionPrice '\*\*\* Merchant Code

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\* These parameters should be passed aslo

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

FaturahPaymentPageURL &= "&" & "ProductID=" & "" '\*\*\* List of products IDs

If ("Nokia Mobile|LG LCD|Laptop DELL").Length <= 1000 Then '\*\*\* Check on lenght of List of products Name

FaturahPaymentPageURL &= "&" & "ProductName=" & "Nokia Mobile|LG LCD|Laptop DELL" '\*\*\* List of products Name

End If

If ("Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color").Length <= 1000 Then '\*\*\* Check on lenght of List of products Name

FaturahPaymentPageURL &= "&" & "ProductDescription=" & "Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color" '\*\*\* List of Products Description

End If

FaturahPaymentPageURL &= "&" & "ProductQuantity=" & "1|1|2" '\*\*\* List of products Quanitites

FaturahPaymentPageURL &= "&" & "ProductPrice=" & "20|10|25" '\*\*\* List of products Prices

FaturahPaymentPageURL &= "&" & "DeliveryCharge=" & "0" '\*\*\* Delivery Charge

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\* Here you can pass more fields as per your specific configuration

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

FaturahPaymentPageURL &= "&" & "EMail=" & "customer@mail.com" '\*\*\* Cusotmer Email

FaturahPaymentPageURL &= "&" & "lang=" & "en" '\*\*\* Preferred Language (ar=Arabic, en=English)

'\*\*\*\* Redirect User to URL

If FaturahPaymentPageURL.Length < 2084 Then '\*\*\*\* This is the URL limit into IE

Response.Redirect(FaturahPaymentPageURL, False)

Else

Response.Write("Redirect URL lenght is greater than 2083: " & FaturahPaymentPageURL.Length.ToString())

End If

End Sub

* + 1. **ASP Classic:**

<%

Function Iif(a, b, c)

If a Then

Iif = b

Else

Iif = c

End if

End Function

'\*\*\*\* This function is to Format Time to be in terms of AM PM

Function FormatTime(Time)

Dim hrval, sAMPM

'\*\*\* Format Hour

If hour(Time) = 0 Then

hrval = "12"

Else

hrval = Iif(hour(Time)>12, hour(Time)-12, hour(Time))

End If

'\*\*\* Format AM PM

sAMPM = Iif(hour(Time)<12, "AM", "PM")

FormatTime = Right("0" & hrval, 2) & ":" & Right("0" & Minute(Now), 2)& ":" & Right("0" & Second(Now), 2) & " " & sAMPM

End Function

'\*\*\*\* This function is used to redirect user to payment gateway by GET method

Function RedirectBuyerToPaymentGatwayPage(strMerchantCode, TokenGUID)

'\*\*\*\* Initialize

Dim FaturahPaymentPageURL, strTransactionPrice

FaturahPaymentPageURL = "https://gateway.faturah.com/TransactionRequestHandler.aspx" '\*\*\*\* Put GET URL Here

strTransactionPrice = "90.50" '\*\*\*\* Here you have to set this value with transaction price you need buyer to pay

'\*\*\*\* Append Mandatory fields to URL

FaturahPaymentPageURL = FaturahPaymentPageURL & "?" & "mc=" & strMerchantCode '\*\*\* Merchant Code

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "mt=" & TokenGUID '\*\*\* Token Genrated

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "dt=" & month(Now) & "/" & Day(Now) & "/" & year(Now) & " " & FormatTime(Now) '\*\*\* Transaction date & time

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "a=" & strTransactionPrice '\*\*\* Merchant Code

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\* These parameters should be passed aslo

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "ProductID=" & "" '\*\*\* List of products IDs

If Len("Nokia Mobile|LG LCD|Laptop DELL") <= 1000 Then '\*\*\* Check on lenght of List of products Name

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "ProductName=" & "Nokia Mobile|LG LCD|Laptop DELL" '\*\*\* List of products Name

End If

If Len("Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color") <= 1000 Then '\*\*\* Check on lenght of List of products Name

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "ProductDescription=" & "Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color" '\*\*\* List of Products Description

End If

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "ProductQuantity=" & "1|1|2" '\*\*\* List of products Quanitites

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "ProductPrice=" & "20|10|25" '\*\*\* List of products Prices

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "DeliveryCharge=" & "0" '\*\*\* Delivery Charge

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\* Here you can pass more fields as per your specific configuration

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "EMail=" & "customer@mail.com" '\*\*\* Cusotmer Email

FaturahPaymentPageURL = FaturahPaymentPageURL & "&" & "lang=" & "en" '\*\*\* Preferred Language (ar=Arabic, en=English)

'\*\*\*\* Redirect User to URL

If Len(FaturahPaymentPageURL) < 2084 Then '\*\*\*\* This is the URL limit into IE

'Response.write(FaturahPaymentPageURL)

Response.Redirect(FaturahPaymentPageURL)

Response.End()

Else

Response.Write("Redirect URL lenght is greater than 2083: " & Len(FaturahPaymentPageURL))

End If

End Function

%>

* + 1. **PHP**

<?

function RedirectBuyerToPaymentGatwayPage($strMerchantCode, $TokenGUID)

{

//\*\*\*\* Initialize

$FaturahPaymentPageURL = "https://gateway.faturah.com/TransactionRequestHandler.aspx"; //\*\*\*\* Put GET URL Here

$strTransactionPrice = "90"; //\*\*\*\* Here you have to set this value with transaction price you need buyer to pay

//\*\*\*\* Append Mandatory fields to URL

$FaturahPaymentPageURL .= "?" . "mc=" . $strMerchantCode; //\*\*\* Merchant Code

$FaturahPaymentPageURL .= "&" . "mt=" . TokenGUID; //\*\*\* Token Genrated

$FaturahPaymentPageURL .= "&" . "dt=" . date(' m/d/Y h:i:s A'); //\*\*\* Transaction date & time

$FaturahPaymentPageURL .= "&" . "a=" . $strTransactionPrice; //\*\*\* Merchant Code

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\* These parameters should be passed aslo

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

$FaturahPaymentPageURL .= "&" . "ProductID=" . ""; //\*\*\* List of products IDs

if(strlen("Nokia Mobile|LG LCD|Laptop DELL") <= 1000) //\*\*\* Check on lenght of List of products Name

{

$FaturahPaymentPageURL .= "&" . "ProductName=" . "Nokia Mobile|LG LCD|Laptop DELL"; //\*\*\* List of products Name

}

if(strlen("Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color") <= 1000) //\*\*\* Check on lenght of List of products Descriptions

{

$FaturahPaymentPageURL .= "&" . "ProductDescription=" . "Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color"; //\*\*\* List of products Descriptions

}

$FaturahPaymentPageURL .= "&" . "ProductQuantity=" . "1|1|2"; //\*\*\* List of products Quanitites

$FaturahPaymentPageURL .= "&" . "ProductPrice=" . "20|10|25"; //\*\*\* List of products Prices

$FaturahPaymentPageURL .= "&" . "DeliveryCharge=" . "0"; //\*\*\* Delivery Charge

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\* Here you can pass more fields as per your specific configuration

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

$FaturahPaymentPageURL .= "&" . "EMail=" . "customer@mail.com"; //\*\*\* Customer Email

$FaturahPaymentPageURL .= "&" . "lang=" . "en"; //\*\*\* Preferred Language (ar=Arabic, en=English)

//\*\*\*\* Redirect User to URL

if(strlen($FaturahPaymentPageURL) < 2084) ///\*\*\*\* This is the URL limit into IE

{

header("location: $FaturahPaymentPageURL");

}else

{

print("Redirect URL length is greater than 2083: " . strlen($FaturahPaymentPageURL));

}

}

?>

* 1. **POST Method:**

This method is being used to send data as posting data into Submit action. It’s recommended to use this method into sending data.

* + 1. **C# .NET, VB .NET:**

<script type="text/javascript">

//\*\*\* This function is used to redirect user to Payment Gateway

function RedirectToPayment() {

var payform = document.getElementById('frmPay');

document.getElementById('a').value = 90; //\*\*\* Put Price here

//payform.submit();

}

</script>

<form id="frmPay" action='https://gateway.faturah.com/TransactionRequestHandler\_Post.aspx' method="post" >

<input type="hidden" name="mc" id="mc" value='<%=strMyMerchantCode%>' />

<input type="hidden" name="mt" id="mt" value='<%=TokenGUID%>' />

<input type="hidden" name="dt" id="dt" value='<%=DateTime.Now.ToString("MM/dd/yyyy hh:mm:ss tt")%>' />

<input type="hidden" name="a" id="a" value='90' />

<input type="hidden" name="ProductID" id="ProductID" value='' />

<input type="hidden" name="ProductName" id="ProductName" value='Nokia Mobile|LG LCD|Laptop DELL' />

<input type="hidden" name="ProductDescription" id="ProductDescription" value='Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color' />

<input type="hidden" name="ProductQuantity" id="ProductQuantity" value='1|1|2' />

<input type="hidden" name="ProductPrice" id="ProductPrice" value='20|10|25' />

<input type="hidden" name="DeliveryCharge" id="DeliveryCharge" value='0' />

<input type="hidden" name="EMail" id="EMail" value='customer@mail.com' />

<input type="hidden" name="lang" id="lang" value='en' />

<input type="submit" id="submit" name="submit" onclick="javascript:return RedirectToPayment();" value="Submit" />

</form>

* + 1. **ASP Classic:**

<%

Function Iif(a, b, c)

If a Then

Iif = b

Else

Iif = c

End if

End Function

'\*\*\*\* This function is to Format Time to be in terms of AM PM

Function FormatTime(Time)

Dim hrval, sAMPM

'\*\*\* Format Hour

If hour(Time) = 0 Then

hrval = "12"

Else

hrval = Iif(hour(Time)>12, hour(Time)-12, hour(Time))

End If

'\*\*\* Format AM PM

sAMPM = Iif(hour(Time)<12, "AM", "PM")

FormatTime = Right("0" & hrval, 2) & ":" & Right("0" & Minute(Now), 2)& ":" & Right("0" & Second(Now), 2) & " " & sAMPM

End Function

%>

<script type="text/javascript">

//\*\*\* This function is used to redirect user to Payment Gateway

function RedirectToPayment() {

var payform = document.getElementById('frmPay');

document.getElementById('a').value = 90; //\*\*\* Put Price here

//payform.submit();

}

</script>

<form id="frmPay" action='https://gateway.faturah.com/TransactionRequestHandler\_Post.aspx' method="post" >

<input type="hidden" name="mc" id="mc" value='<%=strMyMerchantCode%>' />

<input type="hidden" name="mt" id="mt" value='<%=TokenGUID%>' />

<input type="hidden" name="dt" id="dt" value='<%=month(Now) & "/" & Day(Now) & "/" & year(Now) & " " & FormatTime(Now)%>' />

<input type="hidden" name="a" id="a" value='90' />

<input type="hidden" name="ProductID" id="ProductID" value='' />

<input type="hidden" name="ProductName" id="ProductName" value='Nokia Mobile|LG LCD|Laptop DELL' />

<input type="hidden" name="ProductDescription" id="ProductDescription" value='Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color' />

<input type="hidden" name="ProductQuantity" id="ProductQuantity" value='1|1|2' />

<input type="hidden" name="ProductPrice" id="ProductPrice" value='20|10|25' />

<input type="hidden" name="DeliveryCharge" id="DeliveryCharge" value='0' />

<input type="hidden" name="EMail" id="EMail" value='customer@mail.com' />

<input type="hidden" name="lang" id="lang" value='en' />

<input type="submit" id="submit" name="submit" onclick="javascript:return RedirectToPayment();" value="Submit" />

</form>

* + 1. **PHP**

<?

require\_once "init.php"; //This includes the page containing the initialization code including getting the token, given the merchant code

$defaultDate = date('m/d/Y h:i:s A');

?>

<script type=*"text/javascript"*>

//\*\*\* This function is used to redirect user to Payment Gateway

**function** RedirectToPayment()

{

**var** payform = document.getElementById('frmPay');

document.getElementById('a').value = 90; //\*\*\* Put Price here

payform.submit();

}

</script>

<form id=*"frmPay"* action=*'https://gateway.faturah.com/TransactionRequestHandler\_Post.aspx'* method=*"post"*>

<input type=*"hidden"* name=*"mc"* id=*"mc"* value='<?=$strMyMerchantCode;?>' />

<input type=*"hidden"* name=*"mt"* id=*"mt"* value='<?=$TokenGUID?>' />

<input type=*"hidden"* name=*"dt"* id=*"dt"* value='<?=$defaultDate;?>' />

<input type=*"hidden"* name=*"a"* id=*"a"* value=*'90'* />

<input type=*"hidden"* name=*"ProductID"* id=*"ProductID"* value=*''* />

<input type=*"hidden"* name=*"ProductName"* id=*"ProductName"* value=*'Nokia Mobile|LG LCD|Laptop DELL'* />

<input type=*"hidden"* name=*"ProductDescription"* id=*"ProductDescription"* value=*'Nokia Mobile 6600 Silver Color|LG LCD 37 Inch Wide|Laptop DELL Inspiron 5012 Black Color'* />

<input type=*"hidden"* name=*"ProductQuantity"* id=*"ProductQuantity"* value=*'1|1|2'* />

<input type=*"hidden"* name=*"ProductPrice"* id=*"ProductPrice"* value=*'20|10|25'* />

<input type=*"hidden"* name=*"DeliveryCharge"* id=*"DeliveryCharge"* value=*'0'* />

<input type=*"hidden"* name=*"EMail"* id=*"EMail"* value=*'customer@mail.com'* />

<input type=*"hidden"* name=*"lang"* id=*"lang"* value=*'en'* />

<input type=*"submit"* id=*"submit"* name=*"submit"* onclick="javascript:return RedirectToPayment();" value=*"Submit"* />

</form>

# Appendix IIII

This section shows source code of how to handle response codes after redirect buyer to Faturah Payment gateway:

* 1. **C# .NET:**

try

{

//\*\*\*\* Initalize

string strReturnedToken = Request.QueryString["token"].ToString();

string strTransactionCode;

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\* First handle first message come from Faturah

//\*\*\* Only update my system with this trsnaction status

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

if (Request.QueryString["ignore"] != null && Request.QueryString["ignore"].ToLower() == "0") //\*\*\* This is first message comes from faturah

{

//\*\*\*\* Check if there is error or not

if (Request.QueryString["Response"] != null && Request.QueryString["Response"].ToLower() == "0") //\*\*\*\* Error happened

{

//\*\*\* Handle error messages & update my system that there is an error

if (Request.QueryString["ResponseText"] != null)

{

switch (Request.QueryString["ResponseText"].ToLower())

{

case "system error":

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this error case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case "invalid configuration":

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this error case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case "merchant code(mc) is not found":

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this error case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case "...": //\*\*\*\* Repeat case for all other error messages and as per your logic

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle error case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

}

}

}

else //\*\*\* No error happened

{

//\*\*\* Initaialize

strTransactionCode = Request.QueryString["code"].ToString();

//\*\*\* Handle returned status message

if (Request.QueryString["status"] != null)

{

switch (int.Parse(Request.QueryString["status"].ToString()))

{

case 15: //\*\*\*\* Transaction is accepted by bank

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case 30: //\*\*\*\* Transaction is approved/accepted by Faturah Team

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case 22: //\*\*\*\* Transaction is rejected

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case 6: //\*\*\*\* Transaction is NOT approved/accepted by Faturah Team

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case 1: //\*\*\*\* Transaction is pending on bank processing

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case 18: //\*\*\*\* Transaction is pending on Faturah Team for approval/acceptance

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

}

}

}

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\* Second handle second message come from Faturah

//\*\*\* Only display message to buyer with this trsnaction status

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

else //\*\*\* This is second message comes from faturah

{

//\*\*\*\* Check if there is error or not

if (Request.QueryString["Response"] != null && Request.QueryString["Response"].ToLower() == "0") //\*\*\*\* Error happened

{

//\*\*\* Handle error messages & update my system that there is an error

if (Request.QueryString["ResponseText"] != null)

{

//\*\*\*\* Display Error message to buyer

if (Request.QueryString["lang"] != null && Request.QueryString["lang"].ToLower() == "ar")

Response.Write("حدث خطأ اثناء العملية!");

else

Response.Write("An error occured while handle this payment!");

}

}

else //\*\*\* No error happened

{

//\*\*\* Initaialize

strTransactionCode = Request.QueryString["code"].ToString();

//\*\*\* Display status message based on returned status message

if (Request.QueryString["status"] != null)

{

switch (int.Parse(Request.QueryString["status"].ToString()))

{

case 15: //\*\*\*\* Transaction is accepted by bank

//\*\*\*\* Display Error message to buyer

if (Request.QueryString["lang"] != null && Request.QueryString["lang"].ToLower() == "ar")

Response.Write("العملية بكود: " + strTransactionCode + " قبلت من البنك");

else

Response.Write("Your transaction with code: " + strTransactionCode + " is accepted by bank");

break;

case 30: //\*\*\*\* Transaction is approved/accepted by Faturah Team

//\*\*\*\* Display Error message to buyer

if (Request.QueryString["lang"] != null && Request.QueryString["lang"].ToLower() == "ar")

Response.Write("العملية بكود: " + strTransactionCode + " قبلت من فاتورة");

else

Response.Write("Your transaction with code: " + strTransactionCode + " is approved/accepted by Faturah Team");

break;

case 22: //\*\*\*\* Transaction is rejected

//\*\*\*\* Display Error message to buyer

if (Request.QueryString["lang"] != null && Request.QueryString["lang"].ToLower() == "ar")

Response.Write("العملية بكود: " + strTransactionCode + " رفضت");

else

Response.Write("Your transaction with code: " + strTransactionCode + " is rejected");

break;

case 6: //\*\*\*\* Transaction is NOT approved/accepted by Faturah Team

//\*\*\*\* Display Error message to buyer

if (Request.QueryString["lang"] != null && Request.QueryString["lang"].ToLower() == "ar")

Response.Write("العملية بكود: " + strTransactionCode + " رفضت من فاتورة");

else

Response.Write("Your transaction with code: " + strTransactionCode + " is NOT approved/accepted by Faturah Team");

break;

case 1: //\*\*\*\* Transaction is pending on bank processing

//\*\*\*\* Display Error message to buyer

if (Request.QueryString["lang"] != null && Request.QueryString["lang"].ToLower() == "ar")

Response.Write("العملية بكود: " + strTransactionCode + " معطلة على موافقة البنك");

else

Response.Write("Your transaction with code: " + strTransactionCode + " is pending on bank processing");

break;

case 18: //\*\*\*\* Transaction is pending on Faturah Team for approval/acceptance

//\*\*\*\* Display Error message to buyer

if (Request.QueryString["lang"] != null && Request.QueryString["lang"].ToLower() == "ar")

Response.Write("العملية بكود: " + strTransactionCode + " معطلة على موافقة فاتورة");

else

Response.Write("Your transaction with code: " + strTransactionCode + " is pending on Faturah Team for approval/acceptance");

break;

}

}

}

}

}

catch (Exception ex)

{

Response.Write("An Error Occured!");

}

* 1. **VB .NET:**

Try

'\*\*\*\* Initalize

Dim strReturnedToken As String = Request.QueryString("token").ToString()

Dim strTransactionCode As String

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\* First handle first message come from Faturah

'\*\*\* Only update my system with this trsnaction status

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

If String.IsNullOrEmpty(Request.QueryString("ignore")) = False And Request.QueryString("ignore").ToLower() = "0" Then '\*\*\* This is first message comes from faturah

'\*\*\*\* Check if there is error or not

If String.IsNullOrEmpty(Request.QueryString("Response")) = False And Request.QueryString("Response").ToLower() = "0" Then '\*\*\*\* Error happened

'\*\*\* Handle error messages & update my system that there is an error

If String.IsNullOrEmpty(Request.QueryString("ResponseText")) = False Then

If Request.QueryString("ResponseText").ToLower() = "system error" Then

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this error case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf Request.QueryString("ResponseText").ToLower() = "invalid configuration" Then

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this error case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf Request.QueryString("ResponseText").ToLower() = "merchant code(mc) is not found" Then

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this error case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf Request.QueryString("ResponseText").ToLower() = "..." Then '\*\*\*\* Repeat case for all other error messages and as per your logic

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle error case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

End If

End If

Else '\*\*\* No error happened

'\*\*\* Initaialize

strTransactionCode = Request.QueryString("code").ToString()

'\*\*\* Handle returned status message

If String.IsNullOrEmpty(Request.QueryString("status")) = False Then

If Integer.Parse(Request.QueryString("status").ToString()) = 15 Then '\*\*\*\* Transaction is accepted by bank

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf Integer.Parse(Request.QueryString("status").ToString()) = 30 Then '\*\*\*\* Transaction is approved/accepted by Faturah Team

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf Integer.Parse(Request.QueryString("status").ToString()) = 22 Then '\*\*\*\* Transaction is rejected

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf Integer.Parse(Request.QueryString("status").ToString()) = 6 Then '\*\*\*\* Transaction is NOT approved/accepted by Faturah Team

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf Integer.Parse(Request.QueryString("status").ToString()) = 1 Then '\*\*\*\* Transaction is pending on bank processing

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf Integer.Parse(Request.QueryString("status").ToString()) = 18 Then '\*\*\*\* Transaction is pending on Faturah Team for approval/acceptance

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

End If

End If

End If

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\* Second handle second message come from Faturah

'\*\*\* Only display message to buyer with this trsnaction status

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Else '\*\*\* This is second message comes from faturah

'\*\*\*\* Check if there is error or not

If String.IsNullOrEmpty(Request.QueryString("Response")) = False And Request.QueryString("Response").ToLower() = "0" Then '\*\*\*\* Error happened

'\*\*\* Handle error messages & update my system that there is an error

If String.IsNullOrEmpty(Request.QueryString("ResponseText")) = False Then

'\*\*\*\* Display Error message to buyer

If String.IsNullOrEmpty(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("حدث خطأ اثناء العملية!")

Else

Response.Write("An error occured while handle this payment!")

End If

Else '\*\*\* No error happened

'\*\*\* Initaialize

strTransactionCode = Request.QueryString("code").ToString()

'\*\*\* Display status message based on returned status message

If String.IsNullOrEmpty(Request.QueryString("status")) = False Then

If Integer.Parse(Request.QueryString("status").ToString()) = 15 Then '\*\*\*\* Transaction is accepted by bank

If String.IsNullOrEmpty(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " قبلت من البنك")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is accepted by bank")

End If

ElseIf Integer.Parse(Request.QueryString("status").ToString()) = 30 Then '\*\*\*\* Transaction is approved/accepted by Faturah Team

If String.IsNullOrEmpty(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " قبلت من فاتورة")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is approved/accepted by Faturah Team")

End If

ElseIf Integer.Parse(Request.QueryString("status").ToString()) = 22 Then '\*\*\*\* Transaction is rejected

If String.IsNullOrEmpty(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " رفضت")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is rejected")

End If

ElseIf Integer.Parse(Request.QueryString("status").ToString()) = 6 Then '\*\*\*\* Transaction is NOT approved/accepted by Faturah Team

If String.IsNullOrEmpty(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " رفضت من فاتورة")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is NOT approved/accepted by Faturah Team")

End If

ElseIf Integer.Parse(Request.QueryString("status").ToString()) = 1 Then '\*\*\*\* Transaction is pending on bank processing

If String.IsNullOrEmpty(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " معطلة على موافقة البنك")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is pending on bank processing")

End If

ElseIf Integer.Parse(Request.QueryString("status").ToString()) = 18 Then '\*\*\*\* Transaction is pending on Faturah Team for approval/acceptance

If String.IsNullOrEmpty(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " معطلة على موافقة فاتورة")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is pending on Faturah Team for approval/acceptance")

End If

End If

End If

End If

End If

End If

Catch ex As Exception

Response.Write("An Error Occured!")

End Try

* 1. **ASP Classic:**

<%

On Error Resume Next

'\*\*\*\* Initalize

Dim strReturnedToken

Dim strTransactionCode

strReturnedToken = Request.QueryString("token")

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\* First handle first message come from Faturah

'\*\*\* Only update my system with this trsnaction status

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

If IsNull(Request.QueryString("ignore")) = False And LCase(Request.QueryString("ignore")) = "0" Then '\*\*\* This is first message comes from faturah

'\*\*\*\* Check if there is error or not

If IsNull(Request.QueryString("Response")) = False And LCase(Request.QueryString("Response")) = "0" Then '\*\*\*\* Error happened

'\*\*\* Handle error messages & update my system that there is an error

If IsNull(Request.QueryString("ResponseText")) = False Then

If LCase(Request.QueryString("ResponseText")) = "system error" Then

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this error case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf LCase(Request.QueryString("ResponseText")) = "invalid configuration " Then

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this error case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf LCase(Request.QueryString("ResponseText")) = "merchant code(mc) is not found" Then

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this error case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf LCase(Request.QueryString("ResponseText")) = "..." Then '\*\*\*\* Repeat case for all other error messages and as per your logic

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle error case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

End If

End If

Else '\*\*\* No error happened

'\*\*\* Initaialize

strTransactionCode = Request.QueryString("code")

'\*\*\* Handle returned status message

If IsNull(Request.QueryString("status")) = False Then

If CInt(Request.QueryString("status")) = 15 Then '\*\*\*\* Transaction is accepted by bank

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf CInt(Request.QueryString("status")) = 30 Then '\*\*\*\* Transaction is approved/accepted by Faturah Team

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf CInt(Request.QueryString("status")) = 22 Then '\*\*\*\* Transaction is rejected

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf CInt(Request.QueryString("status")) = 6 Then '\*\*\*\* Transaction is NOT approved/accepted by Faturah Team

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf CInt(Request.QueryString("status")) = 1 Then '\*\*\*\* Transaction is pending on bank processing

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ElseIf CInt(Request.QueryString("status")) = 18 Then '\*\*\*\* Transaction is pending on Faturah Team for approval/acceptance

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\*\* Handle this status case into my System

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

End If

End If

End If

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'\*\*\* Second handle second message come from Faturah

'\*\*\* Only display message to buyer with this trsnaction status

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Else '\*\*\* This is second message comes from faturah

'\*\*\*\* Check if there is error or not

If IsNull(Request.QueryString("Response")) = False And LCase(Request.QueryString("Response")) = "0" Then '\*\*\*\* Error happened

'\*\*\* Handle error messages & update my system that there is an error

If IsNull(Request.QueryString("ResponseText")) = False Then

'\*\*\*\* Display Error message to buyer

If IsNull(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("حدث خطأ اثناء العملية!")

Else

Response.Write("An error occured while handle this payment!")

End If

Else '\*\*\* No error happened

'\*\*\* Initaialize

strTransactionCode = Request.QueryString("code")

'\*\*\* Display status message based on returned status message

If IsNull(Request.QueryString("status")) = False Then

If CInt(Request.QueryString("status")) = 15 Then '\*\*\*\* Transaction is accepted by bank

If IsNull(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " قبلت من البنك")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is accepted by bank")

End If

ElseIf CInt(Request.QueryString("status")) = 30 Then '\*\*\*\* Transaction is approved/accepted by Faturah Team

If IsNull(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " قبلت من فاتورة")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is approved/accepted by Faturah Team")

End If

ElseIf CInt(Request.QueryString("status")) = 22 Then '\*\*\*\* Transaction is rejected

If IsNull(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " رفضت")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is rejected")

End If

ElseIf CInt(Request.QueryString("status")) = 6 Then '\*\*\*\* Transaction is NOT approved/accepted by Faturah Team

If IsNull(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " رفضت من فاتورة")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is NOT approved/accepted by Faturah Team")

End If

ElseIf CInt(Request.QueryString("status")) = 1 Then '\*\*\*\* Transaction is pending on bank processing

If IsNull(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " معطلة على موافقة البنك")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is pending on bank processing")

End If

ElseIf CInt(Request.QueryString("status")) = 18 Then '\*\*\*\* Transaction is pending on Faturah Team for approval/acceptance

If IsNull(Request.QueryString("lang")) = False And LCase(Request.QueryString("lang")) = "ar" Then

Response.Write("العملية بكود: " & strTransactionCode & " معطلة على موافقة فاتورة")

Else

Response.Write("Your transaction with code: " & strTransactionCode & " is pending on Faturah Team for approval/acceptance")

End If

End If

End If

End If

End If

End If

If Err.Number <> 0 Then

'\*\*\*\* Display Error Message to us

%>

<B>Page Error Object</B><BR>

Error Number <%= Err.Number %><BR>

Error Description <%= Err.Description %><BR>

<%

'\*\*\*\* Clear response buffer

Response.Clear

End if

%>

* 1. **PHP**

<?

try

{

//\*\*\*\* Initalize

$strReturnedToken = $\_GET["token"];

$strTransactionCode = '';

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\* First handle first message come from Faturah

//\*\*\* Only update my system with this trsnaction status

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

if(isset($\_GET["ignore"]) && !empty($\_GET["ignore"]) && strtolower($\_GET["ignore"]) == "0") //\*\*\* This is first message comes from faturah

{

//\*\*\*\* Check if there is error or not

if(isset($\_GET["Response"]) && !empty($\_GET["Response"]) && strtolower($\_GET["Response"]) == "0") //\*\*\*\* Error happened

{

//\*\*\* Handle error messages & update my system that there is an error

if(isset($\_GET["ResponseText"]) && !empty($\_GET["ResponseText"]) != null)

{

switch(strtolower($\_GET["ResponseText"]))

{

case "system error":

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this error case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case "invalid configuration":

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this error case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case "merchant code(mc) is not found":

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this error case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case "...": //\*\*\*\* Repeat case for all other error messages and as per your logic

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle error case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

}

}

}else //\*\*\* No error happened

{

//\*\*\* Initaialize

$strTransactionCode = $\_GET["code"];

//\*\*\* Handle returned status message

if(isset($\_GET["status"]) && !empty($\_GET["status"]))

{

switch(strtolower($\_GET["status"]))

{

case '15': //\*\*\*\* Transaction is accepted by bank

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case '30': //\*\*\*\* Transaction is approved/accepted by Faturah Team

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case '22': //\*\*\*\* Transaction is rejected

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case '6': //\*\*\*\* Transaction is NOT approved/accepted by Faturah Team

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case '1': //\*\*\*\* Transaction is pending on bank processing

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

case '18': //\*\*\*\* Transaction is pending on Faturah Team for approval/acceptance

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\* Handle this status case into my System

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

break;

}

}

}

}//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\* Second handle second message come from Faturah

//\*\*\* Only display message to buyer with this trsnaction status

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

else //\*\*\* This is second message comes from faturah

{

//\*\*\*\* Check if there is error or not

if(isset($\_GET["Response"]) && !empty($\_GET["Response"]) && strtolower($\_GET["Response"]) == "0") //\*\*\*\* Error happened

{

//\*\*\* Handle error messages & update my system that there is an error

if(isset($\_GET["ResponseText"]) && !empty($\_GET["ResponseText"]))

{

//\*\*\*\* Display Error message to buyer

if(isset($\_GET["lang"]) && !empty($\_GET["lang"]) && strtolower($\_GET["lang"]) == "ar")

print("حدث خطأ اثناء العملية!");

else

print("An error occured while handle this payment!");

}

}else //\*\*\* No error happened

{

//\*\*\* Initaialize

$strTransactionCode = $\_GET["code"];

//\*\*\* Display status message based on returned status message

if(isset($\_GET["status"]) && !empty($\_GET["status"]))

{

switch($\_GET["status"])

{

case '15': //\*\*\*\* Transaction is accepted by bank

//\*\*\*\* Display Error message to buyer

if(isset($\_GET["lang"]) && !empty($\_GET["lang"]) && strtolower(

$\_GET["lang"]) == "ar")

print("العملية بكود: " . $strTransactionCode . " قبلت من البنك");

else

print("Your transaction with code: " . $strTransactionCode . " is accepted by bank");

break;

case '30': //\*\*\*\* Transaction is approved/accepted by Faturah Team

//\*\*\*\* Display Error message to buyer

if(isset($\_GET["lang"]) && !empty($\_GET["lang"]) && strtolower(

$\_GET["lang"]) == "ar")

print("العملية بكود: " . $strTransactionCode . " قبلت من فاتورة");

else

print

("Your transaction with code: " . $strTransactionCode . " is approved/accepted by Faturah Team");

break;

case '22': //\*\*\*\* Transaction is rejected

//\*\*\*\* Display Error message to buyer

if(isset($\_GET["lang"]) && !empty($\_GET["lang"]) && strtolower(

$\_GET["lang"]) == "ar")

print("العملية بكود: " . $strTransactionCode . " رفضت");

else

print("Your transaction with code: " . $strTransactionCode . " is rejected");

break;

case '6': //\*\*\*\* Transaction is NOT approved/accepted by Faturah Team

//\*\*\*\* Display Error message to buyer

if(isset($\_GET["lang"]) && !empty($\_GET["lang"]) && strtolower(

$\_GET["lang"]) == "ar")

print("العملية بكود: " . $strTransactionCode . " رفضت من فاتورة");

else

print

("Your transaction with code: " . $strTransactionCode . " is NOT approved/accepted by Faturah Team");

break;

case '1': //\*\*\*\* Transaction is pending on bank processing

//\*\*\*\* Display Error message to buyer

if(isset($\_GET["lang"]) && !empty($\_GET["lang"]) && strtolower(

$\_GET["lang"]) == "ar")

print("العملية بكود: " . $strTransactionCode . " معطلة على موافقة البنك");

else

print(

"Your transaction with code: " . $strTransactionCode . " is pending on bank processing");

break;

case '18': //\*\*\*\* Transaction is pending on Faturah Team for approval/acceptance

//\*\*\*\* Display Error message to buyer

if(isset($\_GET["lang"]) && !empty($\_GET["lang"]) && strtolower(

$\_GET["lang"]) == "ar")

print("العملية بكود: " . $strTransactionCode . " معطلة على موافقة فاتورة");

else

print("Your transaction with code: " . $strTransactionCode . " is pending on Faturah Team for approval/acceptance");

break;

}

}

}

}

}catch(Exception $ex)

{

print("An Error Occured!");

}

?>