Steps to install TMO\_ACC

1. First create a folder named “**TMO\_ACC**” into local server.
2. Create a folder named “**class**” into “**TMO\_ACC**”.
3. Put “**magentoConsumer.class.php**”, “**middleware\_functions.class.php**”, “**tmo\_acc\_callback.class.php**” these three files into “**class**” folder.
4. Rest of the files put into the root folder i.e. “**TMO\_ACC**”.
5. Then run “**magento\_consumer.php”** file into browser.

Function Documentation:

In the current web service framework we have built three functions.

1. GetNGPList() [This was implemented previously]
2. NotificationReceived() [New]
3. CancelDeviceLocation() [New]

To make the use of this web service framework easy, we have modified the architecture of the framework. Detail documentation is described below.

In Magento System there is a drop down of list of functions. User have to choose a function among them to get the web service of the respective function. A class (magentoConsumer) was implemented that will work as per the function which will be selected in the drop down lists in Magento System.

GetNGPList()

This was same as previous.

NotificationReceived()

When this function will be selected from the drop down list, a previously created object of **magentoConsumer** class will instantiate the method [magento\_NotificationReceived()] that will display a form with input fields. After submitting the form, an object of Soapclient class will instantiate the method [ middleware\_NotificationReceived() ] that is declared into **MiddlewareFunctions** class. This method has one parameter i.e the XML Request from the Magento System.

middleware\_NotificationReceived() will validate the Sender ID from the XML request and it will send the XML request to TMO ACC server on success or return a response XML on failure.

TMO ACC server receive the xml request and respond back another xml as a response accordingly.

**Input :**

This function takes Sender Id, Time Stamp, MSISDN, Service Grade, Short Code, Message Type, SMS Text as input as defined in the documentation of TMO ACC PDF.

**Output :**

If sender id passed the validation it will show the sender id in reverse order as result code and SMS Text will be shown as result msg.

**CancelDeviceLocation()**

When this function will be selected, first the object of **magentoConsumer** class will instantiate the method magento\_CancelDeviceLocation(). This will generate a form. After submitting the form this will send a xml request to the middleware server. This request will be received by middleware\_CancelDeviceLocation() that is a method of MiddlewareFunctions class. This method will simply validate SIM and if it passed the validation it will send xml request to the TMO ACC serevr to get the response otherwise it will send a response xml to the Magento System.

TMO ACC server receive the xml request and respond back another xml as a response accordingly.

**Input :**

This function takes Sender Id, Channel Id, Time Stamp, MSISDN, SIM as input as defined in the documentation of TMO ACC PDF.

**Output :**

If SIM passed the validation it will show the following table

|  |  |
| --- | --- |
| Cancel Device Location Result | 1 |
| Result Code | Sender id in reverse order |
| Result Msg | Successfully Canceled |
| MSISDN | MSISDN no provided before |
| Service Transaction Id | Current timestamp |

Or

|  |  |
| --- | --- |
| Cancel Device Location Result | 0 |
| Result Code | Wrong SIM |
| Result Msg | There is an error occur due to wrong SIM |
| MSISDN | Wrong SIM |
| Service Transaction Id | Wrong SIM |

The response of RAW XML can be viewed in the view.xml file. Here the most recent xml response will be written.