**Lab 6 – Object Oriented Programming and REST API Integration via PHP**

Objectives

1. **Learn Object Oriented Programming in PHP**
2. **Learn how to integrate external RESTFUL API’s.**
3. **Learn cURL Library**

**Before Proceeding with Lab – Read the following if you are not familiar with the concepts.**

1. **OOP in PHP**

**(**[**http://code.tutsplus.com/tutorials/object-oriented-php-for-beginners--net-12762**](http://code.tutsplus.com/tutorials/object-oriented-php-for-beginners--net-12762) **&** [**http://php.net/manual/en/language.oop5.php**](http://php.net/manual/en/language.oop5.php) **)**

1. **NEXMO API Documentation** [**https://docs.nexmo.com/**](https://docs.nexmo.com/)
2. **CURL**

[**http://www.startutorial.com/articles/view/php-curl**](http://www.startutorial.com/articles/view/php-curl) **,** [**http://php.net/manual/en/curl.examples-basic.php**](http://php.net/manual/en/curl.examples-basic.php) **,** [**http://codular.com/curl-with-php**](http://codular.com/curl-with-php) **,**

**Task**

In this lab, you will call NEXMO API Functions using PHP.

Create a PHP Class named NexmoMessage.

**It should have a constructor that takes two arguments – account key and account secret.**

$sms = new NexmoMessage('account\_key', 'account\_secret');

**Task 1.a) Seding Message sendText() Function.**

User should be able to send any message via the following sendText Method.

$sms->sendText( '+447234567890', 'MyApp', 'Hello world!' );

sendText should take three arguments – receiver number, Message Subject, Message Content.

**Task 1.b) Receive Message inboundText()Function**

It should work like this

$sms = new NexmoMessage('account\_key', 'account\_secret');

if ($sms->inboundText()) {

$sms->reply('You said: ' . $sms->text);

}

**Note, the second part requires you to configure NEXMO Settings. So before proceeding with second part discuss on Gitter how to do that.**