Specification PHP Function for Encrypt-Decrypt

Encrypt method [php]

```php
//Set Key
$sSecretKey = 'ChatBot15chatBot';
$json = json_encode($input);
$encrypt = fnEncrypt($json, $sSecretKey);

function fnEncrypt($sValue, $sSecretKey)
{
    $iv = base64_decode('Jc8EZ9nZPbWZEoV4ad8/CQ==');
    $sValue = pkcs5_pad($sValue, mcrypt_get_block_size(MCRYPT_RIJNDAEL_128,
MCRYPT_MODE_CBC));
    $sValue = mcrypt_encrypt(MCRYPT_RIJNDAEL_128, $sSecretKey, $sValue,
MCRYPT_MODE_CBC, $iv);
    $sValue = base64_encode($sValue);
    return $sValue;
}

function pkcs5_pad($text, $blocksize)
{
    $pad = $blocksize - (strlen($text) % $blocksize);
    $pad2 = $text . str_repeat(chr($pad), $pad);
    return $pad2;
}
```

Decrypt method [php]

```php
//Set Key
$sSecretKey = 'ChatBot15chatBot';
$decrypt = fnDecrypt($encrypt, $sSecretKey);
$output = json_decode($decrypt);

function fnDecrypt($sValue, $sSecretKey)
{
    $iv = base64_decode('Jc8EZ9nZPbWZEoV4ad8/CQ==');
    $sValue = base64_decode($sValue);
    $sValue = mcrypt_decrypt(MCRYPT_RIJNDAEL_128, $sSecretKey, $sValue,
MCRYPT_MODE_CBC, $iv);
    $sValue = pkcs5_unpad($sValue);
    return $sValue;
}
```

```php
function pkcs5_unpad($text)
{
    $pad = ord($text[($len = strlen($text)) - 1]);
    return substr($text, 0, $len - $pad);
}
```

Encryption detail

MCRYPT Method	MCRYPT_RIJNDAEL_128
MCRYPT Mode	MCRYPT_MODE_CBC
Key for Product Test (length = 16)	ChatBot15chatBot
Initialization vector (IV) - Fixed	base64 decoded value of 'Jc8EZ9nZPbWZEoV4ad8/CQ=='
Padding	pkcs5

Method Type: POST
Request Format: jsoncallback/file_get_contents()
Response Format: jsoncallback(json data) / json data

Specification Profile Chatbot

Field	Description
Description	**Alpha**
URL – Alpha	https://iservice-alpha.truecorp.co.th/chatbot?appgroup=2
Method Type	Post

Request Parameter

Name	Type	Description	Value	Mandatory
productid	string	Product id		yes
page	string	Page rediract	- myservice - payment - topup - topping - icontrol - billhistory - invoicehistory - calldetal	yes
channel	string	Service	chatbot	yes
lang	string	Language	th , en	no

Example Request

URL : https://iservice-alpha.truecorp.co.th/chatbot?appgroup=2

Method : Post

Key = a13

Value =

x9Ew/A47evIdCdGTwoZ03Q5QRfdzNXFeRr0NXYZAhwhndqAfiAVS3bSTTMvKCElEWYWZuZkau4h7c49T5TywzfqXOnbaeOxqJW0dotv7Puae9dealj5RkrG+T5NP5ed5juyyBP/rb7MbQpb6Kmeua+YMJNQV+Ah0COVJJKWP3QPd3N4hMGGf+XQKkgNSIFGRvLbcXwm9G7UEKeorH6HRpQ==

Output

```
{
   "code": "200",
   "input": {
      "appgroup": "2",
      "productid": "0864073341",
      "page": "payment",
      "channel": "chatbot",
      "lang": "th"
   },
   "url": "https://iservice-alpha.truecorp.co.th/chatbot/verify?url=YnptQnB2VHJjejE0NEZEYlpGWGI3NXJBRi9xcldpTEcrOHh0U0VCblF4RjV3MkNPbndwQzVjNVR4andhUUQ5ckJsYkdLMHpVUmllOVFCay9DRStKTEE9PQ==",
   "date": "2017-07-20"
}
```