"Хадгаламж" банктай мерчантаар тест дээр гүйлгээ хийж солилцох формат

http://202.131.225.149:2233/Exec
Энэ хаягаар тест серверлүү xml post-р шидэж тестэлж шалгана.
Доорх форматын дагуу хмл файл үүсгэн пост-р шидэж гүйлгээ хийнэ.

Create Order(Захиалга хмл дээр үүсгэн постоор шидэх үеийн формат)
The request is posted from the Internet shop server to **http://202.131.225.149:2233/Exec** (without the customer Browser) via HTTPS (POST method).
Message format:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<TKKPG>
<Request>
<Operation>CreateOrder</Operation>
<Language>EN</Language>
<Order>
<Merchant>TESTECOM</Merchant>
<Amount>12300</Amount>
<Currency>496</Currency>
<Description>TextOrderDescription</Description>
<ApproveURL>ApprovalURL</ApproveURL>
<CancelURL>CancelURL</CancelURL>
<DeclineURL>DeclineURL</DeclineURL>
</Order>
</Request>
</TKKPG>
```

<Merchant>TESTECOM</Merchant> Тест дээр хийж байгаа тул Merchant нь TESTECOM тогтмол байна. Харин жинхэнэ сервэр дээр манайхаас тусгай Merchant ID өгнө тест дууссаны дараа.
<Amount>12300</Amount>Худалдаа хийх мөнгөн дүн Энэ тохиолдолд 123.00 төг

<Currency>496</Currency> Мөнгөн дүн тогтмол 496 нь Төгрөгөөр гүйлгээ хийнэ.

Description - Order text description. It is displayed to the customer during payment
ApproveURL - URL to forward the customer to if the operation is approved
CancelURL - URL to forward the customer to if the operation is canceled (on clicking the Cancel button)
DeclineURL -URL to forward the customer to in case of the unsuccessful payment

Savings response("Хадгаламж" банкнаас ирэх хариулт):

```xml
<?xml version="1.0" encoding="UTF-8"?>
<TKKPG>
<Response>
<Operation>CreateOrder</Operation>
<Status>NN</Status>
<Order>
<OrderID>OrderID</OrderID>
<SessionID>SessionID</SessionID>
<URL>PayGateURL</URL>
</Order>
</Response>
```

Status - Request execution result:
00 – successfully
30 – message invalid format (no mandatory fields and etc.)
10 – Internet shop has no access to the Create Order
operation (or the Internet shop is not registered)
54 – invalid operation
96 – system error
OrderID - Defines the order unique number to be referred to by the Internet shop server (available only if the Status field = 00)
SessionID - Session identifier. It is a one-time password used together with the order number to initiate payment, get order status, etc. (available only if the Status field = 00)
URL - URL to which the Internet shop server goes to in order to initiate the customer interaction. It is done through the GET to URL method defined in the response. At that, the SESSIONID and ORDERID parameters taking on the values of the session identifier and the order number respectively are added. Example :
https://ecom.savingsbank.mn/index.jsp?ORDERID=199999&SESSIONID=F26C1C280BFAB9828456573 AB9BCEB49
Available only if the Status field = 00

Буцаад шалгахдаа :
The request is posted from the Internet shop server to **http://202.131.225.149:2233/Exec** (without the customer Browser) via HTTPS (POST method).
Message format:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<TKKPG>
<Request>
<Operation>GetOrderStatus</Operation>
<Language>EN</Language>
<Order>
<Merchant> TESTECOM </Merchant>
<OrderID>OrderID</OrderID>
</Order>
<SessionID>SessionID</SessionID>
</Request>
</TKKPG>
```

Savings response:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<TKKPG>
<Response>
<Operation>GetOrderStatus</Operation>
<Status>NN</Status>
<Order>
<OrderID>OrderID</OrderID>
<OrderStatus>STATUS</OrderStatus>
</Order>
<AdditionalInfo>
<Receipt>BASE64-encode-info</Receipt>
</AdditionalInfo>
</Response>
</TKKPG>
```

Response fields definition:
Field Mandatory Description
Status - Request execution result:

00 – successfully
30 – message invalid format (no mandatory fields andetc.)
10 – Internet shop has no access to the Create Order operation (or the Internet shop is not registered)
54 – invalid operation
96 – system error
OrderID - Order identifier on which status is requested. Available only if the Status field = 00
OrderStatus - Order status:
CREATED
ON-PAYMENT
APPROVED
CANCELED
DECLINED
REVERSED
REFUNDED
ERROR - error (order is in the error state)
Available only if the Status field = 00
AdditionalInfo - Additional information on the order
Receipt - Signed receipt (bank guarantee) approving the fact of authorization (BASE64-encoded) (for the format description, see Section **Signed ReceiptFormat**).

Signed Receipt Format
The signed receipt generation mode must be enabled/disabled for a definite shop.
Receipt format:

Field	Format	Description
Format	version	N4 '0001'
Payment gateway order ID	N16	
Transaction date and time	DDMMYYYYHH24MISS	
Operation code	N2	'00' – payment
Authorization amount	N12	In the currency min values
Authorization currency	N3	Authorization currency code
Issuer authorization code	ANS6	
Order description	ANS64	Order text description (if the length of the order description exceeds 64 chars, it is truncated)

A receipt is signed by "Crypto-Pro CSP" ISEM (Information Security Encryption Means) (PKCS7/CMS), at that, it is saved to RKCS7 certificate container, converted to BASE64
format and inserted in the XML-element of Operation.Order.AdditionalInfo.Receipt. The particular receipt is generated only for the authorization and refund operations.