SMSGW
MO LISTENER INTERFACE

Date: 02 Aug 2013

1. Requirement
a. Web service WSDL
URL: http://x.x.x.x:yyyy/molistener?wsdl
Client must implement to handle this link and return webservice description

b. The Client need to implement **moRequest** function as description below for SMSGW to call.

2. moRequest function:
a. **moRequest** *function*

Receive SMS from subscriber.

Prototype:
String moRequest (String username, String password,
String source, String dest,
String content)

Parameter	Description
username	Username provide to **SMSGW**.
Password	Password provide to **SMSGW**
Source	Phone number which sms send from
Dest	Shortcode which SMS Send to
Content	Content of SMS

Return Code & description table

Code	Description
0	SMS put to queue Success
1	SMS put to Queue failed
200	Invalid Parameter(s)
201	Invalid username or password
202	Invalid Request Type
203	Invalid Request Parameter(s)
400	Server too busy

Examples:

```
String r = mtRequest("username", "password",
                     "84983135221", "8888",
                     "dangky");
```

Return might be:
   - **0** -> Success
   - **1** -> Failed
   - …

3. TPS, Time out & retry:
   - TPS: 100
   - Time out: 5 seconds
   - Retry: 2 times

4. Input & ouput XML
   #### a. Input XML (SMGW post to client)

```xml
<?xml version="1.0" ?>
<S:Envelope
xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
   <moRequest xmlns="http://mtws/xsd">
      <username>xxxxxx</username>
      <password>yyyyyy</password>
```

```
      <source>84983929641</source>
      <dest>9237</dest>
      <content>Cute</content>
   </moRequest>
</S:Body>
</S:Envelope>
```

b. Return XML (Client response)

```
<?xml version="1.0"?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/"
>
   <S:Body>
      <moRequestResponse xmlns="http://mtws/xsd">
         <return>0 </return>
      </moRequestResponse>
   </S:Body>
</S:Envelope>
```