

Furama Interface Specification
Of
SunPark[®] Web Service (SWS)
V1.0

Sun Singapore Systems Pte Ltd

Change History

Date	Author	Section	Description
28 th Oct 2021	Yanfei		V1.0

1. Introduction

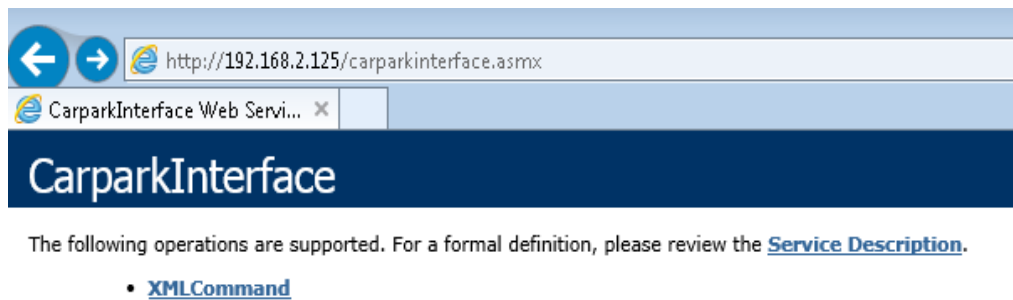
This document specifies the standard of Sunpark Web Service for online interface with other systems. The message flow, formats, algorithm and all other information contained in this document are proprietary to “Sun Singapore Systems Pte Ltd” and must be treated as confidential.

2. Web Service URL

<http://IP/CarparkInterface.asmx> or <https://IP/CarparkInterface.asmx>

3. Function Call

XMLCommand(requestXML As String)



The XMLCommand will only accept a valid XML string. Below is a general XML request:

```
<?xml version="1.0" encoding="utf-8" ?>
<RequestXML>
  <UID>test</UID>
  <PWD>password</PWD>
  <CMD>Command Name</CMD>
  <Others>
    ...
  </Others>
  <RequestTime>20190923142906</RequestTime>
</RequestXML>
```

The XMLCommand will also return a XML string. Below is a general XML response:

```
<?xml version="1.0" encoding="utf-8" ?>
<ResponseXML>
  <CMD>Command Name</CMD>
  <Others>
    ...
  </Others>
  <ReturnStatus> Success/Fail </ReturnStatus>
  <ReturnMessage>The error message if above fails. </ReturnMessage>
  <ResponseTime>20190923142906</ResponseTime>
</ResponseXML>
```

4. Complimentary Parking

Request:

```
<?xml version="1.0" encoding="utf-8" ?>
<RequestXML>
  <UID>test</UID>
  <PWD>password</PWD>
  <CMD>Complimentary</CMD>
  <Complimentaries>
    <Complimentary>
      <Code>AA</Code>
      <IU>1234567890 </IU>
      <EffectiveDate>20190901000000</ EffectiveDate>
      <ExpiryDate>20190930235959</ExpiryDate>
    </Complimentary>
    <Complimentary>
      <Code>BB</Code>
      <IU>1234567891</IU>
      <Amount>12.5</Amount>
      <EffectiveDate>20190901000000</ EffectiveDate>
      <ExpiryDate>20190930235959</ExpiryDate>
    </Complimentary>
    <Complimentary>
      <Code>CC</Code>
      <IU>1234567890 </IU>
      <Time>120</Time>
      <EffectiveDate>20190901000000</ EffectiveDate>
      <ExpiryDate>20190930235959</ExpiryDate>
    </Complimentary>
    <Complimentary>
      <Code>A1</Code>
      <IU>1234567890 </IU>
      <EffectiveDate>20190901000000</ EffectiveDate>
      <ExpiryDate>20190930000000</ExpiryDate>
    </Complimentary>
  </Complimentaries>
  <RequestTime>20190923142906</RequestTime>
</RequestXML>
```

Response:

```
<?xml version="1.0" encoding="utf-8" ?>
<ResponseXML>
  <CMD>Complimentary</CMD>
  <ReturnStatus> Success/Fail </ReturnStatus>
  <ReturnMessage>The error message if above fails. </ReturnMessage>
  <ResponseTime>20190923142906</ResponseTime>
</ResponseXML>
```

Note:

Request/ResponseTime format: **YYYYMMDDHHMMSS**

Effective/ExpiryDate format:
HHMMSS = 000000)
Time:

YYYYMMDDHHMMSS (A1-E3,
In minutes