1. **Create a store named Jingdong**
   1. **Interface**

*Response save(Store store);*

* 1. **Request**

POST http://59.37.44.171:9000/pointsystem/rest/storeResource/save HTTP/1.1

Accept-Encoding: gzip,deflate

Content-Type: application/json

Content-Length: 49

Host: 59.37.44.171:9000

Connection: Keep-Alive

User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

{

"storeName":"Jingdong",

"strategy":0.3

}

* 1. **Response**

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json;charset=utf-8

Content-Length: 34

Date: Fri, 18 May 2018 06:46:42 GMT

status:1

Create store successfully

1. **Create a store named Benz**
   1. **Interface**

*Response save(Store store);*

* 1. **Request**

POST http://59.37.44.171:9000/pointsystem/rest/storeResource/save HTTP/1.1

Accept-Encoding: gzip,deflate

Content-Type: application/json

Content-Length: 44

Host: 59.37.44.171:9000

Connection: Keep-Alive

User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

{

"storeName":"Benz",

"strategy":0.2

}

* 1. **Response**

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json;charset=utf-8

Content-Length: 34

Date: Fri, 18 May 2018 06:46:42 GMT

status:1

Create store successfully

1. **Create a membership**
   1. **Interface**

*Response save(Membership membership);*

* 1. **Request**

POST http://59.37.44.171:9000/pointsystem/rest/membershipResource/save HTTP/1.1

Accept-Encoding: gzip,deflate

Content-Type: application/json

Content-Length: 130

Host: 59.37.44.171:9000

Connection: Keep-Alive

User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

{

"cellPhone":"6789106666",

"lastName":"Jack",

"firstName":"Van",

"address":"515 Logan Lane ",

"email":"van@163.com"

}

* 1. **Response**

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json;charset=utf-8

Content-Length: 39

Date: Fri, 18 May 2018 06:41:22 GMT

status:1

Create membership successfully

1. **Find a membership by membership cell phone**
   1. **Interface**

*Response getMembership (String cellPhone);*

* 1. **Request**

GET http://59.37.44.171:9000/pointsystem/rest/membershipResource/getMembership?cellPhone=6789106666 HTTP/1.1

Accept-Encoding: gzip,deflate

Host: 59.37.44.171:9000

Connection: Keep-Alive

User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

* 1. **Response**

{

"membershipId": 1,

"company": {

"companyId": 1,

"status": {

"statusId": 1,

"statusCd": "1",

"statusCatName": "gold",

"statusDefinitionDesc": "gold membership",

"activeInd": 1,

"createdById": "1",

"lastUpdatedById": "1"

},

"companyCd": "120",

"companyName": "Wetson",

"companyDesc": "middle company",

"companyTypeCd": "11",

"electronicAddrTxt": "11",

"createdById": "1",

"lastUpdatedById": "1"

},

"status": {

"statusId": 1,

"statusCd": "1",

"statusCatName": "gold",

"statusDefinitionDesc": "gold membership",

"activeInd": 1,

"createdById": "1",

"lastUpdatedById": "1"

},

"membershipNum": "6789106666",

"lastUpdatedById": "1",

"createdById": "1",

"enterpriseCd": "1",

"productLineId": 0,

"externalMembershipId": "1",

"memberTypeId": 1,

"lastName": "Jack",

"firstName": "Van",

"email": "152@163.com",

"address": "515 Logan Lane",

"cellPhone": "6789106666"

}

1. **Get points total by membership cell phone**
   1. **Interface**

*Response getPointsTotal (String cellPhone);*

* 1. **Request**

GET

http://59.37.44.171:9000/pointsystem/rest/membershipResource/getPointsTotal?cellPhone=6789106666 HTTP/1.1

Accept-Encoding: gzip,deflate

Host: 59.37.44.171:9000

Connection: Keep-Alive

User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

* 1. **Response**

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json;charset=utf-8

Content-Length: 16

Date: Fri, 18 May 2018 06:48:40 GMT

Points total:500

1. **Deposit points**
   1. **Interface**

*Response depositPoints(String cellPhone,int depositPoints);*

* 1. **Request**

GET

http://59.37.44.171:9000/pointsystem/rest/membershipResource/depositPoints?cellPhone=6789106666&depositPoints=30 HTTP/1.1

Accept-Encoding: gzip,deflate

Host: 59.37.44.171:9000

Connection: Keep-Alive

User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

* 1. **Response**

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json;charset=utf-8

Content-Length: 39

Date: Fri, 18 May 2018 06:49:18 GMT

status:1

Deposit 30 points successfully

1. **Spend points**
   1. **Interface**

*Response spendPoints(String cellPhone,int spendPoints);*

* 1. **Request**

GET

http://59.37.44.171:9000/pointsystem/rest/membershipResource/spendPoints?cellPhone=6789106666&spendPoints=30 HTTP/1.1

Accept-Encoding: gzip,deflate

Host: 59.37.44.171:9000

Connection: Keep-Alive

User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

* 1. **Response**

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json;charset=utf-8

Content-Length: 37

Date: Fri, 18 May 2018 06:49:55 GMT

status:1

Spend 30 points successfully

**(Note:** If the number of points spent is greater than the total points, the following information will be returned:

HTTP/1.1 200 OK

Server: Apache-Coyote/1.1

Content-Type: application/json;charset=utf-8

Content-Length: 29

Date: Fri, 18 May 2018 06:50:24 GMT

status:0

Insufficient balance

**)**