1. Create a store named Jingdong

1.1 Interface

Response save(Store store);

1.2 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
}
```

1.3 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

2. Create a store named Benz

2.1 Interface

Response save(Store store);

2.2 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
}
```

2.3　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
```

3. Create a membership

3.1　Interface

Response save(Membership membership);

3.2　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"
}
```

3.3　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

4. Find a membership by membership cell phone

4.1   Interface

Response getMembership (String cellPhone);

4.2   Request

GET
http://59.37.44.171:9000/pointsystem/rest/membershipResource/getMembership?cell
Phone=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)

4.3   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"
  }

5. Get points total by membership cell phone

5.1   Interface

Response getPointsTotal (String cellPhone);

5.2   Request

GET
http://59.37.44.171:9000/pointsystem/rest/membershipResource/getPointsTotal?cellP
hone=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)

5.3   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

6. Deposit points

6.1 Interface

Response depositPoints(String cellPhone,int depositPoints);

6.2 Request

GET
http://59.37.44.171:9000/pointsystem/rest/membershipResource/depositPoints?cellP
hone=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)

6.3 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

7 Spend points

7.1 Interface

Response spendPoints(String cellPhone,int spendPoints);

7.2 Request

GET
http://59.37.44.171:9000/pointsystem/rest/membershipResource/spendPoints?cellPh
one=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)

7.3 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

)