**Yakshop Services**

**Services:-**

1. **http://localhost:8080/yak-shop/herd**

RequestMethod – POST

Desc – This service is used to initialize the YakShop herd inventory

Sample request –

{  
 "herd": [  
 {  
 "name": "BETTY-1",  
 "age": 4.0,  
 "sex": "f"  
 },  
 {  
 "name": "BETTY-2",  
 "age": 8.0,  
 "sex": "f"  
 },  
 {  
 "name": "BETTY-3",  
 "age": 9.5,  
 "sex": "f"  
 }  
 ]  
}

Sample response –

{"message":"success"}

1. **http://localhost:8080/yak-shop/herd/{days}**

RequestMethod – GET

Desc – This REST call provides a view of the YakShop herd on the day specified in request

Sample request –

http://localhost:8080/yak-shop/herd/12

Sample response –

{

"herd": [

{

"sex": "f",

"name": "BETTY-1",

"age": 4.12,

"age-last-shaved": 4

},

{

"sex": "f",

"name": "BETTY-2",

"age": 8.12,

"age-last-shaved": 8

},

{

"sex": "f",

"name": "BETTY-3",

"age": 9.62,

"age-last-shaved": 9.5

}

]

}

1. **http://localhost:8080/yak-shop/stock/{days}**

RequestMethod – GET

Desc – This REST call provides a view of the stock available at the YakShop on the day specified in request

Sample request –

http://localhost:8080/yak-shop/stock/14

Sample response –

{  
 "milk": 1103.31,  
 "skins": 4  
}

1. **http://localhost:8080/yak-shop/order/{days}**

RequestMethod – POST

Desc – This REST call is used to accept customer orders for milk and skins at the YakShop

Sample request –

http://localhost:8080/yak-shop/order/20

{

"customer": "Medvedev",

"order": {

"milk": 1100,

"skins": 3

}

}

Sample response –

{  
 "milk": 1100.00,  
 "skins": 3  
}

Response Code : 201

http://localhost:8080/yak-shop/order/20

{

"customer": "Medvedev",

"order": {

"milk": 1100,

"skins": 5

}

}

Sample response –

{  
 "milk": 1100.00  
}

Response Code : 206