API LIST

The plansMS – runs on port 8080

The addOnMS – runs on port 8082

And the customerMS – runs on port 8083

plansMS :

* <http://localhost:8080/api/plan/>
* To add a plan - <http://localhost:8080/api/plan/addPlan> (POST)

Here we have to give data in json format i.e.

{

"name" : "Singtel-Basicsss",

"cost" : "10 SGD",

"details" : "100 SMS, 500 calls, 5 GB"

}

The above is a sample data can be used to add a plan

* To view all plans - <http://localhost:8080/api/plan/getAllPlans> (GET)
* To get plans by name -http://localhost:8080/api/plan/getPlansByName/<nameToBeSearched> (GET)

Can be used to search the plans by name.

* To get plans by cost – [http://localhost:8080/api/plan/getPlansByCost/<costToBeSearched](http://localhost:8080/api/plan/getPlansByCost/%3ccostToBeSearched)> (GET)
* To get plans by details - [http://localhost:8080/api/plan/getPlansByDetails/<detailsToBeSearched](http://localhost:8080/api/plan/getPlansByDetails/%3cdetailsToBeSearched)> (GET)
* To find a plan by specific id - [http://localhost:8080/api/plan/getPlansById/< plan\_id](http://localhost:8080/api/plan/getPlansById/%3cid)> (GET)
* To delete a plan by id - [http://localhost:8080/api/plan/deleteById/< plan\_id](http://localhost:8080/api/plan/deleteById/%3cid)> (DEL)
* To update a plan by id - [http://localhost:8080/api/plan/updatePlan/<plan\_id](http://localhost:8080/api/plan/updatePlan/%3cplan_id)> (PUT)

Here we have to provide the body in json format i.e.

{

"name" : "Singtel-Basic",

"cost" : "100 SGD",

"details" : "100 SMS, 500 calls, 5 GB"

}

addOnMS:

* <http://localhost:8082/api/addOn/>
* To add a addOn - <http://localhost:8082/api/addOn/addAddOn> (POST)

Here sample data is :

{

"featureName":"data: 100 GB",

"cost":"20 SGD"

}

* To get all addOns - <http://localhost:8082/api/addOn/getAllAddOns> (GET)
* To get addOns by feature name - [http://localhost:8082/api/addOn/getAddOnsByFeatureName/<name](http://localhost:8082/api/addOn/getAddOnsByFeatureName/%3cname)> (GET)
* To get addOns by cost – [http://localhost:8082/api/addOn/getAddOnsByCost/<cost](http://localhost:8082/api/addOn/getAddOnsByCost/%3ccost)> (GET)
* To get addOn by id - [http://localhost:8082/api/addOn/getAddOnsById/< addOn\_id](http://localhost:8082/api/addOn/getAddOnsById/%3cid)> (GET)
* To delete a addOn by id - [http://localhost:8082/api/addOn/deleteById/<addOn\_id](http://localhost:8082/api/addOn/deleteById/%3caddOn_id)> (DEL)
* To update a addOn by Id - [http://localhost:8082/api/addOn/updateAddOn/<addOn\_id](http://localhost:8082/api/addOn/updateAddOn/%3caddOn_id)> (PUT)

Sample data is

{

"featureName":"data: 100 GB",

"cost":"2 SGD"

}

customerMS:

* <http://localhost:8083/api/customer/>
* To create a customer - <http://localhost:8083/api/customer/createCustomer> (POST)

Sample data :

{

"customerName": "Rishi",

"customerPhoneNo":"123456789"

}

* To get all customer - <http://localhost:8083/api/customer/getAll> (GET)
* When a customer selects a plan and proceeds then this api is fired and that data is registered. - [http://localhost:8083/api/customer/addSelectedPlan/< customer\_id](http://localhost:8083/api/customer/addSelectedPlan/%3cid)> (PATCH)

Sample data :

{

"selectedPlanId": 2

}

* When a customer selects few addOns and proceeds then this api is fired and that data is registered. - [http://localhost:8083/api/customer/addAddOns/< customer\_id](http://localhost:8083/api/customer/addAddOns/%3cid)> (PATCH)

Sample data :

{

"selectedAddOnsIds": [1,3,4,5]

}

* When a customer removes few addOns then this api is fired and the respective addOns are removed - [http://localhost:8083/api/customer/removeAddOns/<customer\_id](http://localhost:8083/api/customer/removeAddOns/%3ccustomer_id)> (POST)
* To delete a customer - [http://localhost:8083/api/customer/deleteCustomer/<customer\_id](http://localhost:8083/api/customer/deleteCustomer/%3ccustomer_id)> (DEL)
* To update a customer - [http://localhost:8083/api/customer/updateCustomer/<customer\_id](http://localhost:8083/api/customer/updateCustomer/%3ccustomer_id)> (PUT)

These are the API’s for the solution.