

Session 2 :

Oct 10th - 2020:

Task for the day:

Design a RAML for below mentioned resources

Note :

- All examples and schema should be in separate files and should be included in main RAML.
- Design properly, check what are mandatory and what are not mandatory .
- Test if it 's working as expected before submitting . Submit the mock url in the google docs form

=====
Resource name : /OrderDetails
Method : GET
Request : No request needed
Response : Output type should be Array of JSON Objects. Eg :

```
[
  {
    Id : 123,
    productName : "Sweat Shirt",
    productType : "Clothing",
    quantiyAvailable : 20,
    pricePerItem : 2500
  },
  {
    Id : 245,
    productName : "TV",
    productType : "Television",
    quantiyAvailable : 40,
    pricePerItem : 150000
  },
  {
    Id : 123,
    productName : "Stove",
    productType : "Kitchen appliances",
    quantiyAvailable : 10,
    pricePerItem : 25200
  }
]
```

Success Status : 200

=====
Resource name : /getOrderDetails/{orderId}
Method : GET
Request : pass "id" , "orderType" as uri param
Response : Output type should be Single JSON Object. Eg :

```
{
  Id : 123,
  productName : "Sweat Shirt",
  productType : "Clothing",
  quantiyAvailable : 20,
  pricePerItem : 2500
}
```

Validations Required: id is mandatory .
Success Status : 200

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Resource name : /createOrder

Method : POST

Request : “orderType” as queryParams (mandatory)

body :

```
{
  id : 123,
  productName : "Sweat Shirt",
  quantityAvailable : 20,
  pricePerItem : 2500
}
```

Validations/schema for body:

id = Number and required

productName= string and required . Min length is 3 , max is 10

quantityAvailable = number , default 0

price per item = number , not mandatory

Response : Output type should be Single JSON Object. Eg :

```
{
  message : "Order 123 created successfully "
}
```

Success Status : 201

Resource name : /updateOrder

Method : PUT

Request : “orderId” , “orderType” as queryParams (mandatory)

body :

```
{
  productName : "Sweat Shirt",
  quantityAvailable : 20,
  pricePerItem : 2500
}
```

Validations/schema for body:

productName= string and required . Min length is 3 , max is 10

quantityAvailable = number , default 0

price per item = number , not mandatory

Response : Output type should be Single JSON Object. Eg :

```
{
  message : "Order 123 updated successfully "
}
```

Success Status : 202

Resource name : /updateOrder

Method : DELETE

Request : "orderId" as queryParams (mandatory)

Response : Output type should be Single JSON Object. Eg :

```
{  
message : "Order 123 deleted successfully "  
}
```

Success Status : 200

=====