**OrderManagement Service**

1. API Name: createOrder

Query Parameter: customerId : 1234567,

Type:

POST

Function:

To send details of the order by a customer and store in the Order table.

Returns order id in response.

Request:

{ "items": [

{

"itemName": "Sugar",

"itemPrice": 50,

"itemQuantity": 1

},

{

"itemName": "Wheat Flour",

"itemPrice": 50,

"itemQuantity": 1

}

]

}

Success Response:

{

billAmount: 23.00

statusCode : 200

}

Failure Response:

{

statusCode : 204 (No content)

}

**UserManegement Service**

1. API Name: getCustomer

TYPE:

GET

Function:

To get customerId if the customer exists, an error otherwise

Request:

{

phoneNumber: ‘917678070857’

}

Success Response:

{

customerId: ‘1234567’,

errorInfo:

{

errorCode: 200,

errorMessgae: ‘Customer already exists’

}

}

Failure Response:

{ customerId: ‘’,

errorInfo:

{

errorCode: 404,

errorMessgae: ‘Customer does not exists’

}

}

1. API Name: registerCustomer

Type:

POST

Function:

Create a user if does not exist (get an error from getCustomer API)

Request:

{

firstName: ‘Priya’,

lastName: ‘Raut’,

phoneNumber: ‘917678070857’,

address:{

buildingName: ‘Novel Residency’,

apartmentNumber: 103,

area: ‘Raut wadi’,

optionalAddress: ‘Near Mehar Niwas’,

city: ‘Akola’,

pincode: 444005

}

}

Success Response:

{

customerId: ‘1234567’

errorInfo:{

errorCode: 200,

errorMessage: ‘Customer succesfully created’

}

}

Failure Response:

{

customerId: ‘’

errorInfo:{

errorCode: 5xx,

errorMessage: ‘Error occurred while registering the customer’

}

}

**ItemManagement Service**

(For service managers)

1. API Name: getItem

Type: GET

Function: Get item details based on itemName

Request: {

itemName: ‘Salt’

}

Success Response:

{

itemPrice: 20

itemQuantity: 0.5

erorrInfo:

{

errorCode: 200

errorMessage: ‘Item Successfully retrieved’

}

}

2. API Name: getItems

Type:

GET

Function:

To get all the existing items

Success Response:

{

items:{

{

itemName: ‘Salt’

itemPrice: 20

itemQuantity: 0.5

},

{

itemName: ‘Wheat flour’

itemPrice: 70

itemQuantity: 1

},

..

}

}

3. API Name: addItem

TYPE:

POST

Function:

To add item into the Item table

(Question: what if the item already exists? Check if item with same name exists)

Request:

{

itemName: ‘Salt’

itemPrice: 20

itemQuantity: 0.5

}

Success Response:

{

erorrInfo:

{

errorCode: 200

errorMessage: ‘Item Successfully added’

}

}

Failure Response:

{

erorrInfo:

{

errorCode: 5xx

errorMessage: ‘Item could not be added’

}

}

4. API Name: updateItem (To Do)

TYPE:

POST

Function: To update item name or price into the Item table

Request:

{

}

Response:

{

}

5. API Name: removeItem (To Do)

TYPE:

POST

Function:

Request:

{

}

Response:

{

}