**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’

}

}

**OrderManagement Service**

1. API Name: createOrder

Type:

POST

Function:

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

Returns orderId in response.

Request:

{

customerId : ‘1234567’,

items: {

{

itemName: ‘Sugar’

itemPrice: 50

quantity: 1

}

{

itemName: ‘WheatFlour’

itemPrice: 70

quantity: 4

}

..

}

}

Success Response:

{

orderId: ‘1’

errorInfo :

{

errorCode: 200

errorMessage: ‘Order successfully created’

}

}

Failure Response:

{

orderId: ‘’

errorInfo :

{

errorCode: 5xx

errorMessage: ‘Order could not be created’

}

}

**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:

{

}