**Rest API Mapping**

Authentication(User)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method Type** | **URL** | **Description** | **Takes What** | **Returns What** |
| Post | /signin | Signing In User | Customer obj | customer/null |
| Post | /signup | Registering user | Customer obj | customer/null |
| Get | /validate/{username} | If username exists | String username | Status obj |
| Post | /signout | Signing out the user |  | Status obj |
| Put | /updateProfile | Updating Profile of an existing user | Customer obj | Customer/null |

Category Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method Type** | **URL** | **Description** | **Takes What** | **Returns What** |
| Get | /category/all | Get all categories |  | Category List |
| Post | /category/add | Add a category | Category obj | Category obj/null |
| Get | /category/{id} | Finding a category | Integer id | Category obj/null |
| Delete | /deleteCategory/{id} | Deleting a Category | Integer id | Status obj |

Cart Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method Type** | **URL** | **Description** | **Takes What** | **Returns What** |
| Post | /cart/add | Add a row in cart | Cart obj | Cart obj/null |
| Get | /cart/all | Get cart details of Customer | - | List of CartProduct obj |
| Delete | /deleteCart/{id} | Deleting Cart contents of a customer | Integer id | Status obj |

Product Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method Type** | **URL** | **Description** | **Takes What** | **Returns What** |
| Get | /product/all | Get all products |  | Product List |
| Post | /product/add | Add a product | Product obj | Product obj/null |
| Get | /product/{id} | Finding a particular product | Integer id | Product obj/null |
| Delete | /deleteProduct/{id} | Deleting a Product | Integer id | Status obj |
| Put | /product/update | Updating a Product | Product obj | Product obj/null |
| Get | product/category/{categoryId} | Getting all Products of a particular Category | Integer categoryID | Product List |
| Get | /product/search/{keyword} | Searching Product Based on a keyword given | String Keyword | Product List |

Order Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method Type** | **URL** | **Description** | **Takes What** | **Returns What** |
| Post | /order/add | Add a row in order table | Order obj | Order obj/null |
| Get | /order/all | Get orders of a Customer | - | List of OrderContents obj |

Order Details Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method Type** | **URL** | **Description** | **Takes What** | **Returns What** |
| Post | /orderDetails/add | Add a row in order details table | OrderDetails obj | OrderDetails obj/null |
| Get | /orderDetails/{orderId} | Get ordersDetails of a particular order of a Customer | Integer orderId | List of OrderDetailsDummy obj |

Product\_Details Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method Type** | **URL** | **Description** | **Takes What** | **Returns What** |
| Get | /productDetails/all | Get all products Details |  | ProductDetails List |
| Post | /productDetails/add | Add a productDetail | Product Details obj | ProductDetails obj/null |
| Get | /productDetails/{productId} | Finding all the details pf a particular product | Integer productId | List of ProductDetails obj |
| Delete | /deleteProductDetails/{id} | Deleting a ProductDetails | Integer id | Status obj |
| Put | /productDetails/update | Updating a ProductDetails field | ProductDetails obj | ProductDetails obj/null |