**WAWA HACKATHON**

**Group#3: Krishna Kumar, Moulali Shaik, Satyanarayana Purella,Shraddha Tisgaonkar**

**REST API Specifications**

Order Management API Details :

1. **Below API is used for placing order**

Method : POST

Url: /ordermgmt/order

Status : 200

Request Body:

{

   "orderDate":"07/25/2020",

   "orderStatus":"Created",

   "orderTotal":8,

   "channelType": "store",

   "orderLineItems":[

   {

      "orderLineItemNumber":1,

      "orderDescription":"Spicy",

      "quantity":1,

      "price":5,

      "topping1":"Onion",

      "topping2":"Pepper",

      "topping3":"Jalppino",

      "productCode":"VegPrizza"

},

   {

      "orderLineItemNumber":2,

      "orderDescription":"Normal",

      "quantity":1,

      "price":3,

      "productCode":"SandWich"

}

]

}

Response body:

{

"orderId": "ORDER001",

"status":"PROCESSING",

"orderDate":"07/25/2020"

}

1. **Below API is used to retrieve order details**

Method : GET

Url: /ordermgmt/order/{ORDER001}

Status : 200

Url Parameter : orderId

**Request Body**: NA

**Response Body:**

{

 "OrderId" :1001,

 "orderDate":"2020-07-25",

   "orderStatus":"PROCESSED",

   "orderTotal":8,

   "orderLineItems":[

   {

      "orderLineItemNumber":1,

      "orderDescription":"Spicy",

      "quantity":1,

      "price":5,

      "topping1":"Onion",

      "topping2":"Pepper",

      "topping3":"Jalppino",

      "productCode":"VegPrizza"

},

   {

      "orderLineItemNumber":2,

      "orderDescription":"Normal",

      "quantity":1,

      "price":3,

      "productCode":"SandWich"

}

]

}

**3. API is used for cancelling order**

Method :DELETE

Url: /ordermgmt/order/{ORDER001}

Status : 200

Url Parameter : orderId

Request Body: NA

Response Body:

{

"orderId": "ORDER001",

"orderStatus": "CANCELLED"

"orderDate":"07/25/2020"

}

**Database Specifications**

WorkOrderManagement-EntityStructure

**1. OrderMaster**

OrderID (PK) Number

OrderNumber Varchar2(100)

OrderStatus Varchar2(100)

OrderDate DATE

channelType (ENUM) Varchar2(100)

**2. OrderLineItems**

OrderLineItemId  (PK) Number

ProductCode Varchar2(100)(FK)

Quantity NUMBER

Price NUMBER(6,2)

Topping1 Varchar2(200)

Topping2 Varchar2(200)

Topping3 Varchar2(200)

**3. ProductMaster**

ProductCode (PK) Number

ProductName Varchar2(100)

Price NUMBER(6,2)

Quantity NUMBER

Status varchar2(100)

**4. ProductStaff**

ProductStaffId (PK) NUMBER

ProductId (FK) NUMBER

StaffId NUMBER  (FK)

Status Varchar2(200)

**5. Staff**

StaffId (PK) NUMBER

StaffName Varchar2(100)

Active NUMBER

**6. WorkOrderMangement**

WorkOrderId NUMBER (PK)

OrderLineItemId NUMBER (FK)

StaffId NUMBER (FK)

WorkOrderStatus varchar2(200)