**WAWA HACKATHON**

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**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)