

Management Specification Document

21st February 2024 21:40

Information received by Kitchen from the Management Team

In order for the Kitchen team to perform their task with full capacity, the management team will need to ensure the list provided below are sent promptly. The necessary data is grouped together in the table below. The information is presented in rows and covers the name, type, and characteristics of the data.

The kitchen team requires that the management team send details of the ingredients of each dish on the menu that are taken from recipes created by the chef. There will be an object class of Ingredients for each ingredient which must contain a deliveryOrderID(int), orderDate(Date), orderStatus(String), orderArrivalDate(Date). There should be a map listing the ingredients and amount being ordered. The kitchen should also be provided with a list of ingredients that are available from our suppliers for the coming month.

| Data name | Data Type | Data Details |
|---------------------|-------------------------------------|--|
| supplierIngredients | List<ingredient> | A list of strings which represent the ingredients names. |
| deliveryOrder | Object | Each delivery order is an object of the class. DeliveryOrder |
| deliveryOrderID | Integer | The identifier for the specific delivery order. |
| orderDate | Date | When a delivery order is placed, this data will be used to make decisions about the restocking of ingredients. |
| orderStatus | String | To indicate whether the delivery order is on hold, delivered or still on its way. |
| orderArrivalDate | Date | When ordered ingredients are expected to arrive. This data will be used to maintain control over inventory and will ensure that necessary ingredients are available as required. |
| orderItems | Map<ingredient, quantity (integer)> | This map specifies the quantity of each ingredient ordered. Inventory management helps the kitchen team to plan for delivery of fresh supply. |

Potential public interface:

Public interface ManagementToKitchen{

getDeliveryOrderID() // Get information about stock orders.

getOrderDate() // Get the date of the stock order placement.

GetOrderStatus() // get the status of the order

getOrderArrivalDate() // Get ingredients arrival date.

getOrderItems() // Get quantity of ingredients ordered.

getSupplierIngredients() // getting the incoming weeks ingredients available from suppliers

}

Successful communication and partnership across both teams is supported by these methods, enabling the kitchen team to receive data from the management team.