**RESTAURANT APPLICATION IN MYSQL**

**RELATIONS :**

**CATEGORY MASTER :**

**ID**

**CATEGORY DESCRIPTION**

**START TIME**

**END TIME**

**ITEM MASTER :**

**ID**

**ITEM NAME**

**ITEM CATEGORY CODE FK(CATEGORY(ID))**

**ITEM OPENING STOCK**

**ITEM STOCK ON HAND**

**ITEM CLOSING STOCK**

**ITEM PRICE :**

**ID  
ITEM NAME**

**PRICE**

**ORDER TRANSACTION :**

**ORDER NO  
ORDER DATE**

**ORDER TIME**

**ORDER SEAT NO fk(SEAT MASTER(ID))**

**ORDER ITEM TRANSACTION :**

**ID**

**ORDER NO fk(ORDER TRANSACTION(ORDER NO))**

**ITEM ID fk(ITEM MASTER(ID))**

**ORDER QTY**

**ORDER ITEM PRICE  
PAYMENT STATUS**

**SEAT MASTER :**

**ID**

**SEAT NO**

**SEAT STATUS**

**WORKING FEATURES :**

Check whether the category is served at this time.

Check whether the item is present in the food list.

Check the maximum number of items in one order = 5.

When an order is done the stock on hand is deducted with the respective quantity.

Used string function to separate multiple food items as a parameter in the stored procedure.

A procedure to display the items served at this hour.

A function to check whether the order number already exists in the order transaction table.

A function to check whether the given seat is available or not.

Once the order for the item at the hour is placed , the view bill procedure helps to view the bill of the certain order.

After the order is viewed and the bill is confirmed with the customer then the pay bill procedure pays the bill and updates the order item transaction table payment status to "PAID".

A procedure to check whether service is provided at the particular hour.

A check in place to check the inputted quantity of a food is less than the quantity available in stock on hand.

A procedure to cancel a food item of an order that is placed. The quantity of the cancelled item is again added to stock on hand.

Ensured that the cancelled order is not cancelled again.

These are all the working features.

**PREREQUESITE :**

Run all the functions to check whether the item is available in that category.

procedure to check service the hour.

The items available at the hour.

Check whether the item is served at that hour.

Then user the PR\_ORDERFOOD to place the order of the items available in that category.