**ASSESSMENT 3**

**Business Objective:** A restaurant has the need of a business application to display the Food menu that are available currently. Post the selection of items of current order, the Total Payable amount should be calculated by applying Discount and GST. All the placed orders are to be listed under ‘Orders’ for future reference.

**Start Date:** December 20, 2022 (13:30 PM)

**Completion Date**: December 20, 2022 (By 19:30 PM)

**Project Name**: Restaurant Billing and Orders Management System

**Business Requirements:**

* User on launch of the Billing System should list the items, Order summary and Orders List.
* In the center alignment, it should display each food Item with label and price as a clickable source.
* On the clicking event of any selected food item, the item should be listed in the Order Summary with Item name and default quantity of 1.
* Counter of each item in the Order Summary can be increased / decreased.
* Each item has its own Price defined. On adding of the food item, assigned price of the item should be listed. On increase of quantity ticker, it should calculate with simple calculation of **Total price of the selected item (Excluding the Taxes) = Item Price \* No. of quantity**
* On selection of multiple food items for the current order, selected item should be listed in the Order Summary and price to be calculated based on the quantity.
* User can apply the Discount amount as per his need and the Total Payable amount is to be calculated on it.
* Order Summary placed to the aligned to the right of the application should calculate the overall price including the Tax calculation of 4%.

**Ex**: Chapati Price = 80 (per one quantity), Quantity = 4

Order Summary

Chapathi = 80\*4 = 320

Apply Discount = 25

Total = 295 (320 - 25)

GST = 11.8 (4% of Total)

Total Payable = 306.80

* On any modification of the current order, like reducing the food item count or changing the discount amount should reflect each item price, Total, GST and Total Payable.
* On Clicking event of on ‘Paid’, It should save the order with unique order id.
* Orders list menu aligned to the right of the application, should list the all the saved orders when viewed.

**Reference(s)**: Mockup screens will be shared to you to develop the application.

JSON file having data of Food Items with price.

**Submission Process:** Push your working code in GIT Hub.