**Golden Bites POS System Phase1 Scope**

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| **Date** | **Created By** | **To be Review By** |
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**Scope and Features:**

Based on the over discuss on Saturday 22nd Aug, 2020, below will be the scope of the phase 1.

1. All the system will be hosted on the local machine, which means database for storing the data will be installed on the local machine
2. In Phase1, We will not develop any mobile application. Moreover, system will also not be hosted on the web.
3. Everything will work locally, in case you want to setup the system on another machine, we need to setup database and do technical configuration for the same.
4. The entire scope of the project only belongs to the Golden Bites restaurant, which means as of now this system will not be developed by considering another restaurant requirement

**Feature 1: Maintaining User Profile**

In this feature, we will maintain the details of the user, which place order/purchased from Golden Bites restaurant. The user detail will have name of the user, email address and mobile number.

**First time, we need to register** the user and save the profile of the user on the local database.

Second time**, based on the email address** that we enter manually on the screen, we fetched the profile of the user.

**Note** that this feature can be extended based on the barcode scan, that gives the detail about the customer, this can be researched and can be incorporated in phase 1 if it is feasible otherwise as now

By entering the email address of the customer, we will fetch the customer information.

**Feature 2: Update the Restaurant Menu in the System**

In this feature, restaurant owner can view/add/delete/update the different items (food, beverages) on the system, with the price of each quantity and tax related to the item.

The data related to each item will be saved in the database locally and this data further can be used for placing the order.

**Feature 3: Placed order for customer**

Restaurant owner or the staff can place the order by selecting the item from menu and select the customer profile and place the order for the customer.

The backend database system will save the transaction data against the customer.

**Featured 4: Tax receipt for the customer**

Based on the date range, and selecting the customer, the restaurant owner, can see the tax receipts of the customer.

This feature will also display the total tax based on the date range and customer.

**Note: restaurant owner will provide the tax calculation formula.**

**General GUI:**

For the interaction purpose, all features will be available locally on the screen. We will develop graphical user interface to integrate all the features mentioned above.

Note: GUI format can be vary based on technical challenges or as per restaurant owner wish.

**Assumption:**

Barcode scanner will provide the customer detail to POS screen.

**High Level Technical Detail:**

We will use free database for storing the data locally. Database installation will be needed on local machine

For developing the graphical user interface, we will use Java or Python or any other language

**Payment and Timeline:**

The phase 1 will be developed by us within 2 months. The tentative delivery date will be around October end

For developing the phase 1, we will charge total **3000 CAD.**

**Mode of Communication:**

Meeting for reviewing the work can be held on Zoom on weekly basis. Sometime if necessary, in person meeting can be conducted.