

**Name: Branch: Btech CSE**

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**Introduction :-**

* **The restaurant billing system manages all billing detail of an restaurant and generate bills**
* **It provides sum up, total amount, generate bills and save the bills for the restaurant**
* **It is an intermediate level project, where we used GUI (Tkinter)**

**Methodology of Restaurant Billing System :-**

* **Restaurant billing System project is written in Python. This is a simple console based system which is very easy to understand and use. Talking about the system, it contains basic functions which include adding the total sum, showing price, generating bills, sending bill to customers. In this mini project, there is no such login system. This means he/she can use all those available features easily without any restriction. It is too easy to use, he/she can check all bill record.**

**Technology Used:-**

* **Language – Python**
* **GUI –Tkinter**
* **IDE – Pycharm**
* **Python version – 3.8 or 3.9**

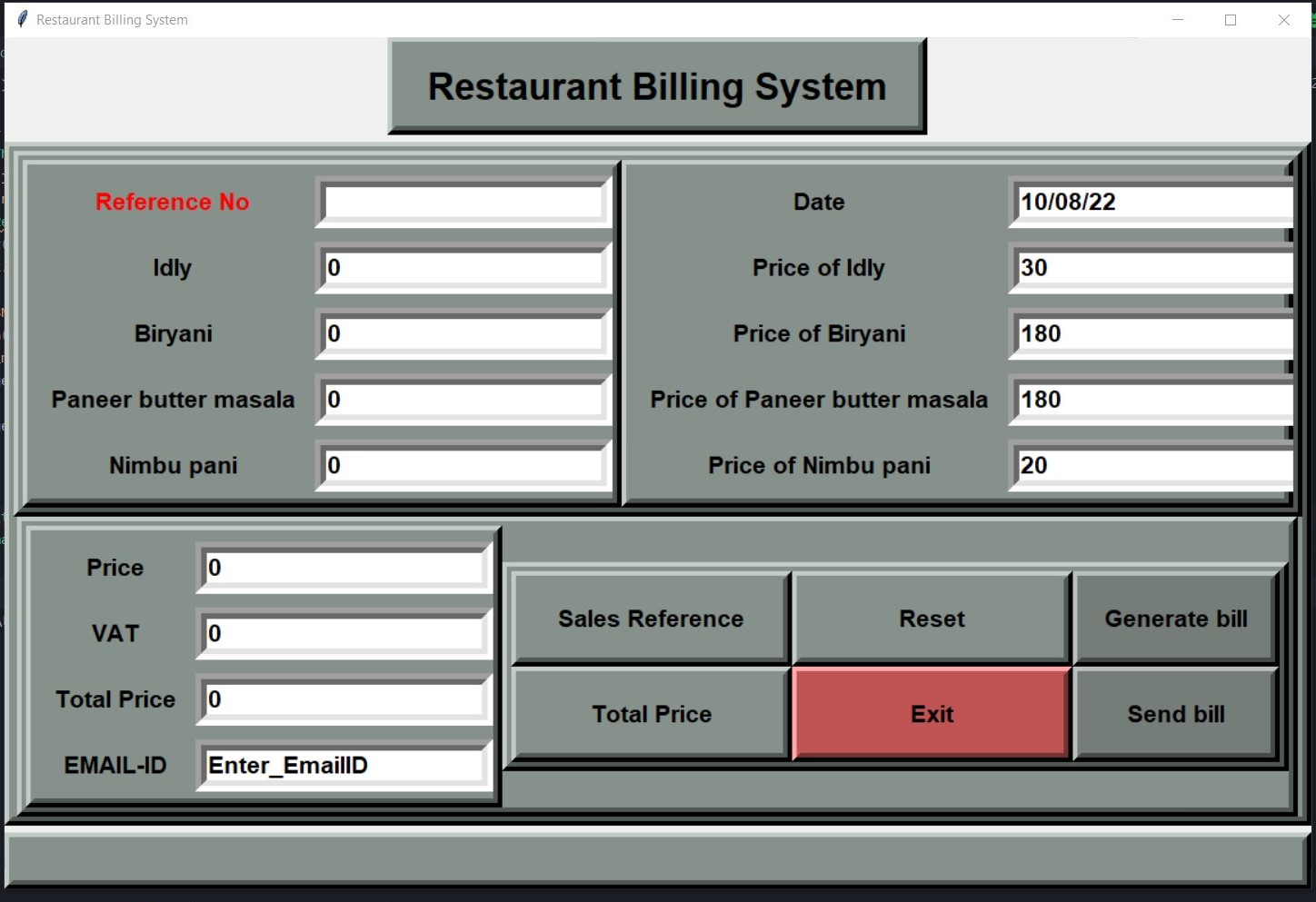
**Tools used :-**

1. **Tkinter- To create GUI**
2. **Randint: for bill reference number**
3. **Tkinter.messagebox- To show a display box, displaying some information or an error.**
4. **Smtplib and os: for sending email(bill) to customer**
5. **Time: for displaying time during the generation of bill**

**Working of restaurant billing system :-**

**We have created 4 frames one frame for taking input ,second one for showing rates of available items , third one for showing bill’s detail and forth one contains the buttons.**

* **Taking input form :we are taking some information such as number of item that person ordered , reference number**
* **Second and third forms contain the label that shows the details of items that one can order and other one shows the details/total amount of bill**
* **Sale reference button: generate an random bill number for customer**
* **Total price button: produce the total sum of amount that a customer have ordered (including vat)**
* **Generate bill :this button generate bill foe the customer**
* **Send bill: this button help to send the bill of the customer to its entered email id.**
* **Exit : exit the program**

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