



LOVELY
PROFESSIONAL
UNIVERSITY

PYTHON PROJECT REPORT (INT 213)

On

INVENTORY SYSTEM

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Name of the University	: Lovely Professional University
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ABSTRACT

Our project is a Bill Inventory System. It is a Inventory System program written in python. User can use this inventory in their computer.

The project is built from scratch and demonstrate the simple billing system. In this project we can normally just add item to the list by clicking on the checkbox according to the customer and can generate the bill for them. The project also compute the total amount of the purchase made by the customer , payable amount and the balance amount return to the customer.

ACKNOWLEDGMENT

We would like to express our special thanks to gratitude to our Prof. Upinder Kaur for giving us the opportunity to do this project on topic “ Inventory System ”, which also lead us to do a lot of research and we came to know about so many new things.

It helped us to enhanced our knowledge and skills.

INTRODUCTION

Customers might pay with cash, credit cards or an installment plan. Regardless of how they pay, there is a need of a billing system to invoice their orders.

Billing systems often are designed to handle everything from computing charges to providing statements. billing system is the process by which a business bills and invoices customers.

systems often include payment software that automates the process of collecting payments, sending out recurring invoices,

TEAM MENMBERS AND CONTRIBUTIONS

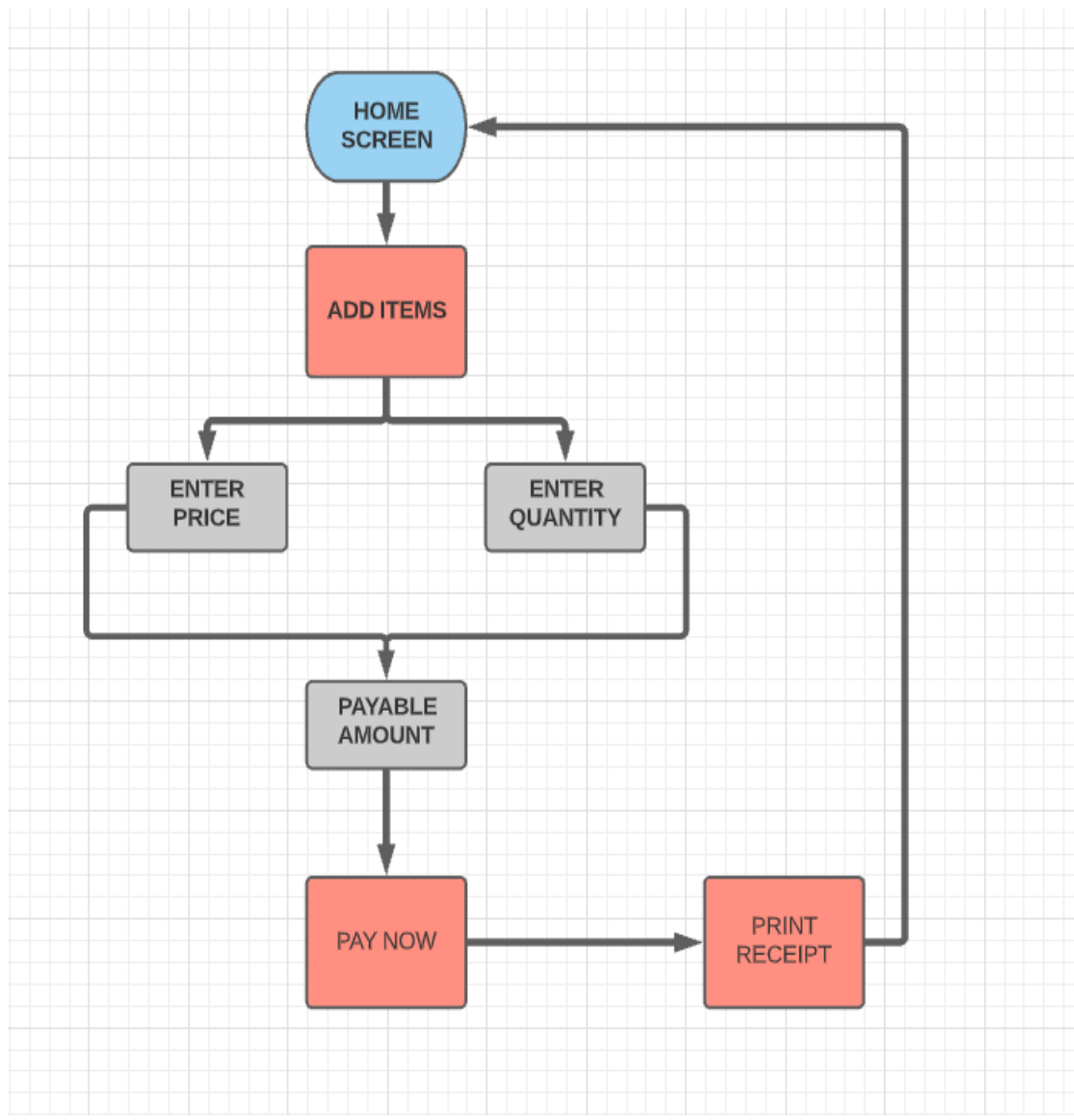
- **Anant Srivastava**
- **Tejeshwar Dutta**

1. Coding (Joined)
2. Information gathering (Joined)
3. Report (Joined)

FUNCTION USED IN CODE

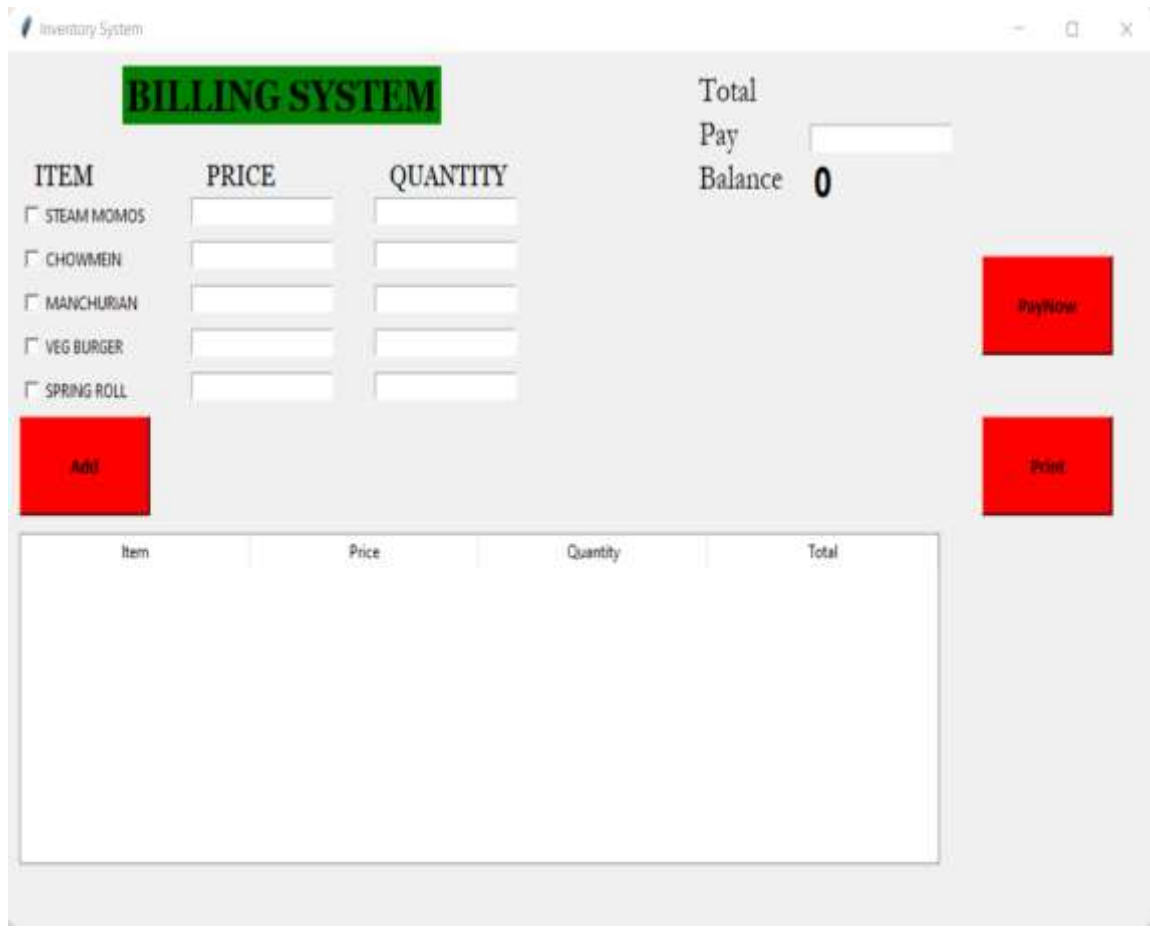
1. **def print()** : This function in code is used for generating bill
for the customer of the purchased item after clicking
on the Print button.
2. **def pay()** : This function in code is used to display the balance
amount after clicking on PayNow button.
3. **def show()** : This function in code is used to show the selected
item in the list after clicking on the Add button.

FLOW CHART OF THE PROJECT



SCREENSHOTS OF OUTPUT

HOME PAGE:



The screenshot displays a web application window titled "Inventory System". The main content area is titled "BILLING SYSTEM" in a green box. It features a form for adding items to a bill, with columns for ITEM, PRICE, and QUANTITY. The ITEM column lists five items: STEAM MOMOS, CHOWMEIN, MANCHURIAN, VEG BURGER, and SPRING ROLL, each with a checkbox. The PRICE and QUANTITY columns have corresponding input fields. A red "Add" button is located below the item list. To the right of the form, there is a section for "Total Pay Balance" with a value of "0" and a text input field. Below this, there are two red buttons: "PayNow" and "Print". At the bottom of the form, there is a table with four columns: Item, Price, Quantity, and Total.

ITEM	PRICE	QUANTITY
<input type="checkbox"/> STEAM MOMOS	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> CHOWMEIN	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> MANCHURIAN	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> VEG BURGER	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> SPRING ROLL	<input type="text"/>	<input type="text"/>

Total Pay Balance **0**

Item	Price	Quantity	Total
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Inventory System

BILLING SYSTEM

ITEM

PRICE

QUANTITY

☒ STEAM MOMOS

30

2

☒ CHOWMEIN

50

1

☒ MANCHURIAN

60

1

☒ VEG BURGER

45

3

☒ SPRING ROLL

40

3

Add

Total

425.0

Pay

500

Balance

75.0

PayNow

Print

Item	Price	Quantity	Total
STEAM MOMOS	30	2	60
CHOWMEIN	50	1	50
MANCHURIAN	60	1	60
VEG BURGER	45	3	135
SPRING ROLL	40	3	120

RECEIPT:

Inventory System

-----RECEIPT-----

ITEM	PRICE	QUANTITY	TOTAL
STEAM MOMOS	30.0	2.0	60.0
CHOWMEIN	50.0	1.0	50.0
MANCHURIAN	60.0	1.0	60.0
VEG BURGER	45.0	3.0	135.0
SPRING ROLL	40.0	3.0	120.0

Total

425.0

Balance

75.0

SOURCE CODE:

Source code is provided in below GitHub link:

<https://github.com/iTejeshwarDutta/Billing-Inventory-System>

REFERENCES:

1. https://www.tutorialspoint.com/python/python_gui_programming.htm
2. https://youtu.be/_PHJvjQJa3w
3. <https://www.youtube.com/watch?v=VMP1oQOxfM0>