

JAVA PROJECT PRESENTATION

FOOD SERVICE AND PAYMENT TRANSACTION SOFTWARE

PREPARED BY:
LIKHITHA-12103228
MALAK-12111166
MAHESH-12111007

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Introduction

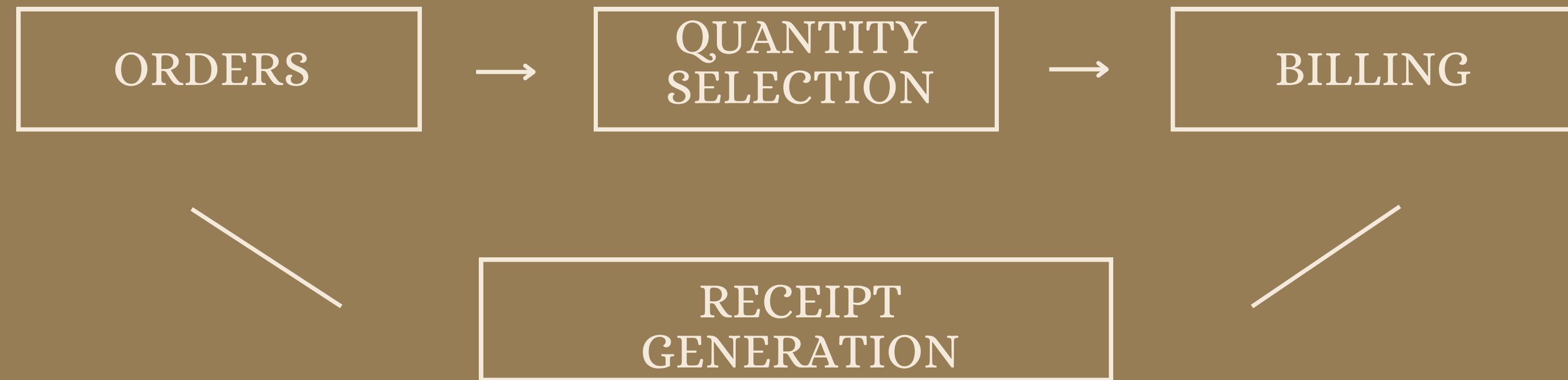
A restaurant billing system using JFrames is a computer program that allows restaurant owners and managers to generate bills and manage customer transactions efficiently. JFrames is a Java Swing framework that provides a graphical user interface (GUI) toolkit for building desktop applications.

With a restaurant billing system using JFrames, restaurant staff can easily input food orders, calculate the bill amount, and print out the bill. The system can also keep track of inventory and generate reports, making it an essential tool for restaurant management.

To create a restaurant billing system using JFrames, developers can use Java programming language and the JFrames framework. The system can be designed to include features such as menu items, order management, bill generation, payment processing, and reporting.

Overall, a restaurant billing system using JFrames can help restaurants improve their efficiency and provide better service to their customers.

Introduction



Billing software is an essential tool for restaurants that can bring numerous benefits to the business. Here are some of the most important reasons why billing software is crucial for restaurants:

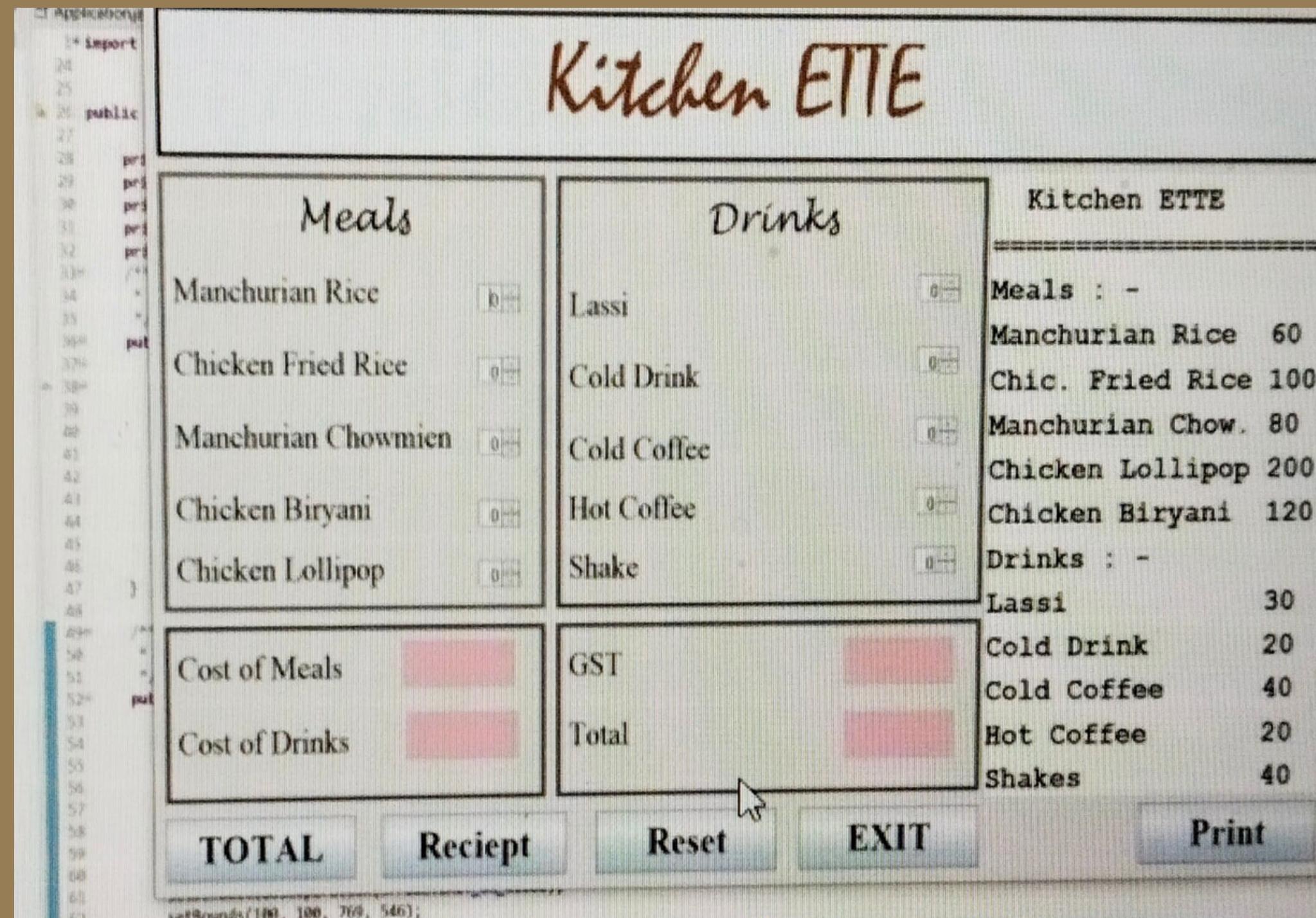
1. Faster and more accurate billing: With billing software, restaurant staff can input food orders and generate bills quickly and accurately. The software can also calculate taxes and apply discounts automatically, reducing the chances of errors and discrepancies.
2. Improved efficiency: Billing software can help restaurants streamline their operations and reduce the time it takes to process transactions. This means that restaurant staff can focus on providing better service to customers and increasing their satisfaction.
3. Enhanced customer experience: A smooth and efficient billing process can improve the overall customer experience. Customers are more likely to return to a restaurant where they can enjoy good food and prompt service, including a hassle-free billing experience.
4. Inventory management: Billing software can also help restaurants keep track of their inventory levels and generate alerts when stock levels are running low. This can help prevent stockouts and ensure that the restaurant always has enough supplies to meet demand.

Goal of Project

1. The main aim of this project is to know the importance of usage GUI in Java.
2. The GUI used in this project is J-Frames and because of that we created buttons, labels, textfields.
3. For the orders and for food items we used textfields and for the selection of the quantity we used buttons
4. For particular cost according to the food item the receipt is generated.



DESIGN



MODULE 1

MODULE2

Kitchen ETTE

Meals		Drinks		Kitchen ETTE	
Manchurian Rice	0	Lassi	0	Meals : -	
Chicken Fried Rice	1	Cold Drink	1	Manchurian Rice	60
Manchurian Chowmien	1	Cold Coffee	0	Chic. Fried Rice	100
Chicken Biryani	0	Hot Coffee	1	Manchurian Chow.	80
Chicken Lollipop	0	Shake	0	Chicken Lollipop	200
Cost of Meals	180.0	GST	39.6	Chicken Biryani	120
Cost of Drinks	40.0	Total	259.6	Drinks : -	
TOTAL				Lassi	30
Reciept				Cold Drink	20
Reset				Cold Coffee	40
EXIT				Hot Coffee	20
				Shakes	40
				Print	

MODULE 3

Kitchen ETTE

Meals		Drinks		Kitchen ETTE	
Manchurian Rice	<input type="button" value="0+"/>	Lassi	<input type="button" value="0+"/>	Meals Total:-	180.0
Chicken Fried Rice	<input type="button" value="1+"/>	Cold Drink	<input type="button" value="1+"/>	Drinks Total:-	40.0
Manchurian Chowmien	<input type="button" value="1+"/>	Cold Coffee	<input type="button" value="0+"/>	GST:-	39.6
Chicken Biryani	<input type="button" value="0+"/>	Hot Coffee	<input type="button" value="1+"/>	Total Bill:-	259.6
Chicken Lollipop	<input type="button" value="0+"/>	Shake	<input type="button" value="0+"/>		

Cost of Meals	180.0
Cost of Drinks	40.0
GST	39.6
Total	259.6

TOTAL Receipt Reset EXIT Print

RECEIPT GENERATION

CONCLUSION

Based on the information provided, it is not possible to draw a conclusion about the restaurant billing system project using j-frames as there is no specific information about the project itself.

However, in general, using Java Swing's JFrames to develop a billing system for a restaurant can be a good approach as it allows developers to create a graphical user interface (GUI) that is easy to navigate for users. With JFrames, developers can create menus, buttons, text fields, and other interactive components that enable users to input their orders and view their bills.

To make an effective billing system, developers can incorporate different features such as item categories, prices, tax calculations, discounts, and payment options. Additionally, it is important to ensure the system's security and reliability by incorporating authentication mechanisms, error handling, and backup systems.



Thank You