

Billing Software

Synopsis

Department of Computer Engineering & Application

Institute of Engineering & Technology



GLA
UNIVERSITY
MATHURA
Established vide U.P. Act 21 of 2010.

Submitted To: -

Mr. Piyush Vashistha
(Assistant Professor)

Submitted By: -

Prathmesh Kumar Saini (181500497)

Latesh Kumari (191599009)

Suryansh Naugraiya (181500738)

Sonal Singh (181500720)

Bharti Sharma (191599004)

Acknowledgement

It gives us a great sense of pleasure to present the synopsis of the mini project (Billing Software) undertaken during B.Tech. IIIrd Year, this project itself is going to be acknowledgement of the inspiration. Drive and technical assistance will be contributed to it by many individuals.

We owe special debt of gratitude to Mr. Piyush Vashistha (Assistant Professor, Department of CEA) for providing us with an encouraging platform to develop this project which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work. His sincerity, thoroughness and perseverance is being a constant source of inspiration for us. We believe that he will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & would also teach us about the latest industry-oriented technologies.

We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and cooperation.

Prathmesh Kumar Saini (181500497)

Latesh Kumari (191599009)

Suryansh Naugraiya (181500738)

Sonal Singh (181500720)

Bharti Sharma (191599004)

Table of Contents

1. Introduction	
a. What is Billing Software	4
b. About the project... ..	5
2. Motivation.....	6
3. Future Prospects	7
4. Requirements	
a. Hardware Requirements	8
b. Software Requirements	8
5. Technology Used.....	8

Billing Software

The project Billing Software is a application in java which performs the process of billing of the store. Billing Software is the delivery of electronic bill and providing payment options for them. The billing process involves calculating the cost for each billing record, collecting payments received from the customer in any mode(i.e., cash, card etc) and updating the customers details.

It provides a convenient solution of traditional billing system pattern and makes an easy way to use environment for admin and employee with high economic feature built in it. It stores the details of employee, customer and items sold in shop and also updates every details.

About the Project

The aim of this project is to make application that can generate bills and update records of employee and customers. The system must be able to collect payment as well as add items to the stock. It will also store details for selling in stock data.

The main objectives are:

1. To illustrate the basic billing system and main functionalities that surround billing system and explains how each person interacts to complete the billing cycle.
2. To perform billing for customers in an efficient way.
3. To enable admin to add items and its details in the database.
4. To enable admin to maintain and edit employee's details (i.e., name, password and contact no.) and regularly update them in admin panel.
5. To collect the payment for the specific product in any mode (i.e., cash, card etc.) from the customer.

Motivation

To optimize billing operation and to find out about the needs of a private retail sector or store, we defined product codes for customer billing and utilized important digital tools for handy method of payment that will allow the users to pay anytime in easy manner. Efficient billing software can greatly improve the efficiency of your business, which can in turn create substantial savings in administrative costs, as well as improving cash flow.

Future Prospects

- The billing system could effectively automate manual billing and transaction system in private retail sector or supermarket.
- The system would store various details of customers and employees accurately. With billing software, it's still made easier to work through inventory idea on a daily basis.
- It is used to store stock data safely and this convenient system of working will take away all the major concerns and helps in smooth functioning of business.
- It is easy to run business fast with such type of system.
- Software will be able to scan barcode of product.
- Project will be enabled to see report regarding product and category.

Requirements

A) Hardware Requirements(Minimum):

i5 processor-based computer DDR3
8GB RAM
10 GB Hard Disk Space

B) Software Requirements(Minimum):

Windows 10/MacOS/Linux
IntelliJ IDE
GIT
Xampp

Technology Used

C)Java
D)JDBC
E)Swing