

# INVENTORY SYSTEM USING SPRING BOOT

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# INDEX

SR NO	TITLE
1)	INTRODUCTION
2)	MODULE LIST
3)	MODULE DETAILS
4)	TECHNOLOGU USED
5)	SYSTEM CONFIGURATION
6)	CONTROL FLOW DIAGRAM
7)	FUTURE ENHANCEMENT
8)	CONCLUSION
9)	THAK YOU....

# *Introduction*

- The Ice cream shop pos system is developed using Spring boot. The project is built to manage sales and transactions. To make a new transaction, fields such as: Ice cream type and Drink type, qty needs to be selected. If you like to learn point of sales systems step by step, this is the right place to learn from the beginning. In this tutorial useful for making a point of sales system for a small shops.

# Ice Cream Inventory System using Spring Boot Module List :-

- Items
- Products
- Automatic Billing System

# Ice Cream Inventory System using Spring Boot

- Can add Ice Cream
- Can add Quantity
- Automatic Billing System
- Reset add item

# Technology Used

- Backend : Spring Boot, Spring MVC, Java , Servlet
- Frontend : JSP , HTML , CSS , Java Script
- Styling : Bootstrap
- Project Management : Maven
- Database : MYSQL
- Server : Embedded Tomcat Server

# System Configuration

- The user should have the appropriate version of windows.
- The system should have up to 1 GB ram minimum requirement for the application.
- The application should be installed on the system.
- Internet Connectivity is a must for this purpose.
- CPU with a speed of 1.3Ghz is a good choice for normal usage.

# Control Flow Diagram





localhost:9070

localhost:9070

Gmail

YouTube

Downloads


Maps


Torrent


uTorrent Web


ICECREAM SHOP POS


Item

Chocolate

Mango

Vanilla

Strawberry

MixFruit

AddProducts

Delete	Item	Price	Qty	Total
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Bill

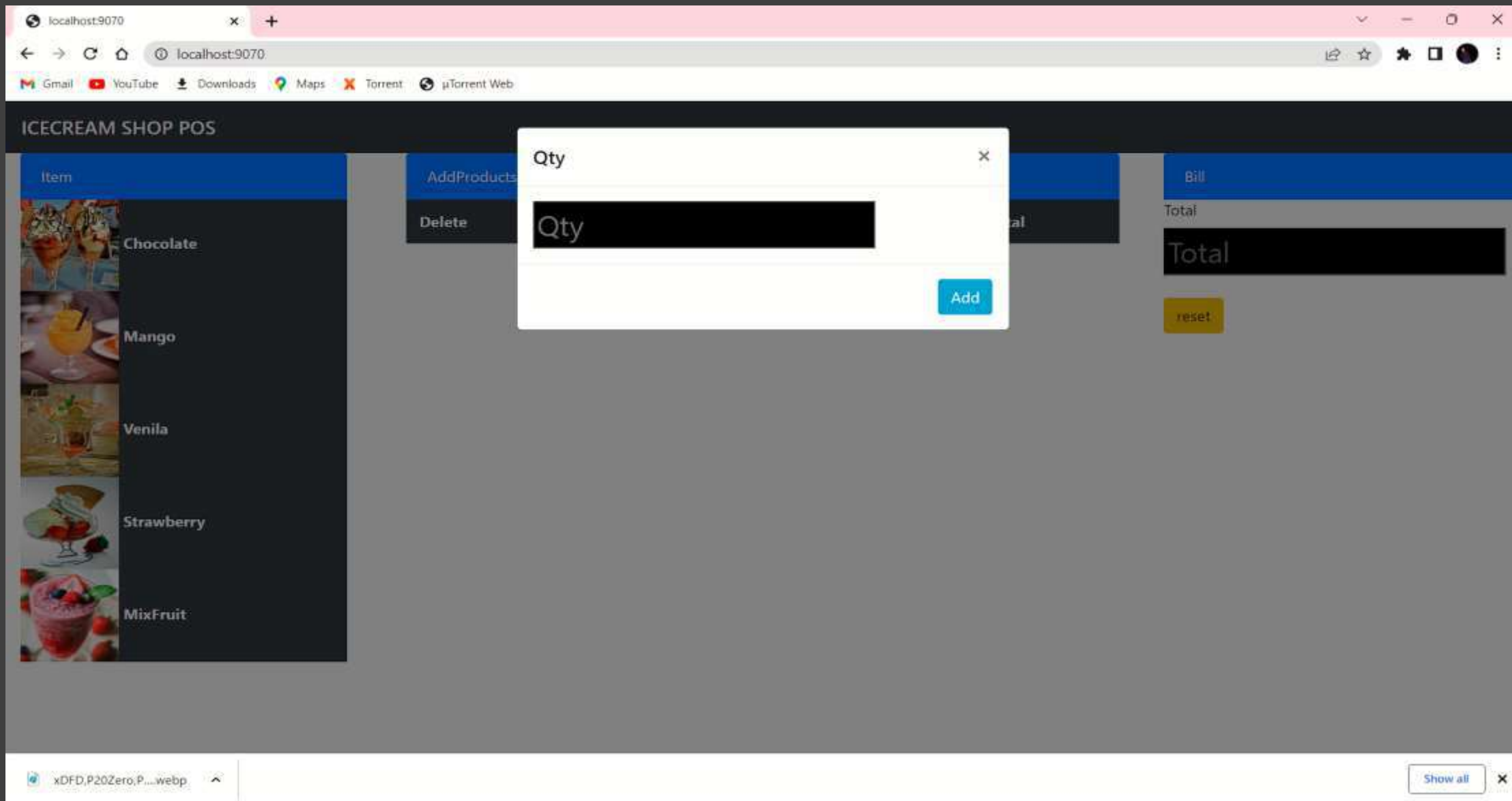
Total

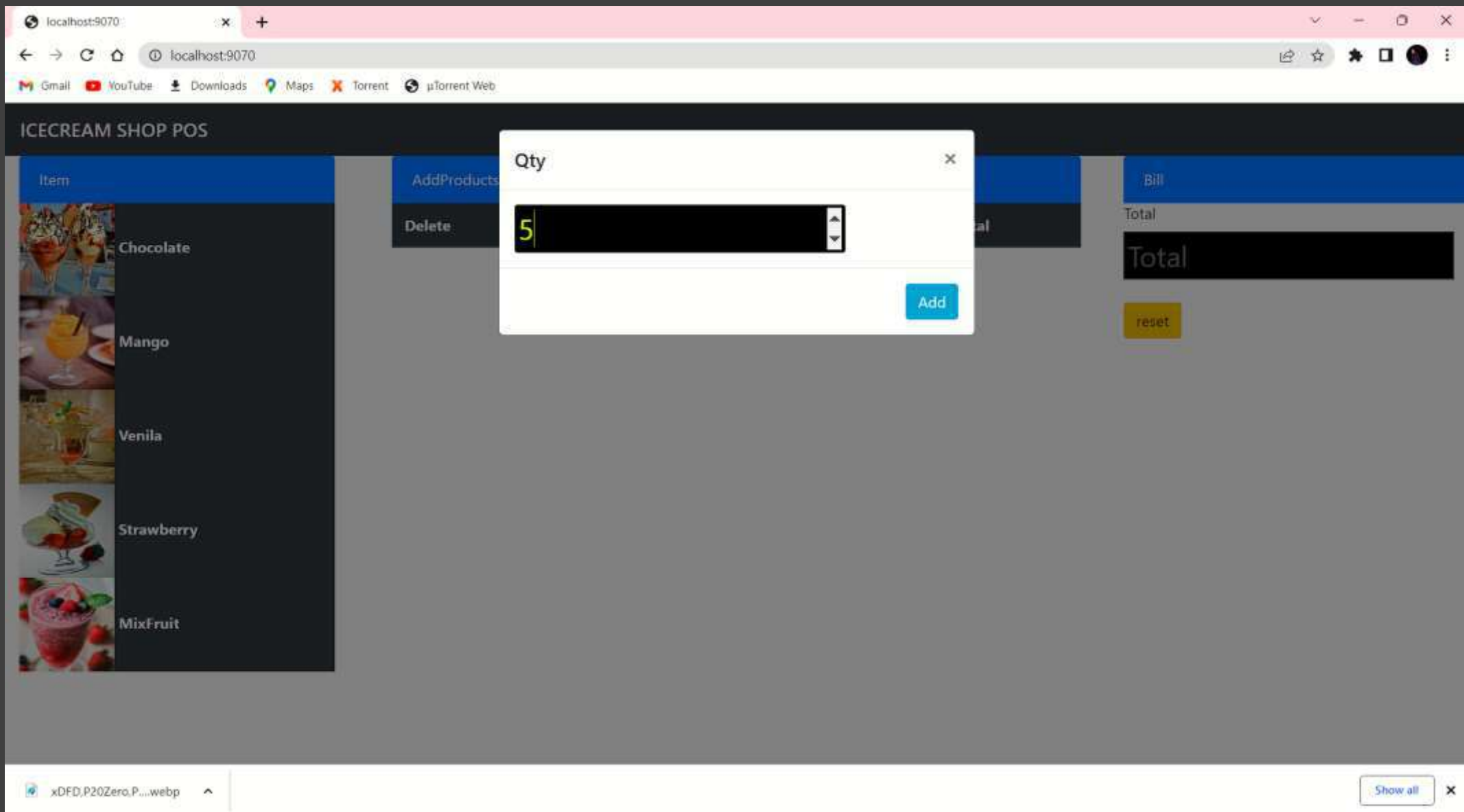
Total

reset

xDFD,P20Zero,P...webp

Show all






localhost:9070


localhost:9070


Gmail YouTube Downloads Maps Torrent µTorrent Web


ICECREAM SHOP POS


Item

Chocolate

Mango

Vanila

Strawberry

MixFruit

AddProducts

Delete	Item	Price	Qty	Total
Delete	Chocolate	32	5	160
Delete	Strawberry	45	10	450
Delete	Vanila	40	10	400

Bill

Total


1010

reset

xDFD,P20Zero,P...webp

Show all

## ICECREAM SHOP POS

Item		AddProducts					Bill	
	Chocolate	Delete	Item	Price	Qty	Total	Total	
	Mango	Delete	Chocolate	32	5	160	2885	reset
	Vanila	Delete	Mango	35	10	350		
	Strawberry	Delete	Vanila	40	15	600		
	MixFruit	Delete	Strawberry	45	20	900		
		Delete	Strawberry	35	25	875		

# Future Enhancement

Ice cream is temperamental. One negligent moment of leaving a fridge open can spoil a lot of stock, leading to a double down of losses, goods and reputational damage. Yet with display fridges spread across the globe in fuel stations, supermarkets and cafes, it is impossible to control the ecosystem sufficiently.

Compounding this are the traditional fridges, which, though apt at cooling, are not sophisticated enough to lend a hand. Worse still, replacing them all with modern equivalents presents a huge and often debilitating cost.

# Conclusion

This software reduces the amount of manual data entry and gives greater efficiency. The User Interface of it is very friendly and can be easily used by anyone.

THANK YOU.....