



Home Inventory Tracker

Project Name : HomeSupplyTracker

Maven Group id : com.SupplyTracker

Maven Artifact id : HomeSupplyTracker

Package Names : com.SupplyTracker.Database/com.SupplyTracker.HomeSupplyTracker
/com.SupplyTracker.Pojo/com.SupplyTracker.Purchase

Controller - com.SupplyTracker.HomeSupplyTracker.HomeSupplyTrackerApplicationController

Dao - com.SupplyTracker.Database.DbAccessDAO

By - Y Sai Sameer

Problem Statement

The process of maintaining track of monthly requirements can be exhausting if not concentrated upon. Also it is difficult to Get to a mart and Replenish your stocks in this busy times. There are no applications to automate this process

Introduction

This Application Helps the user maintain the track of items used by the user and replenish them at the users will. This also provides an automated mailing to the Vendor on request with the list of purchases.

Technologies Used

- Java
- Spring Boot
- JavaServlet Pages
- MySQL

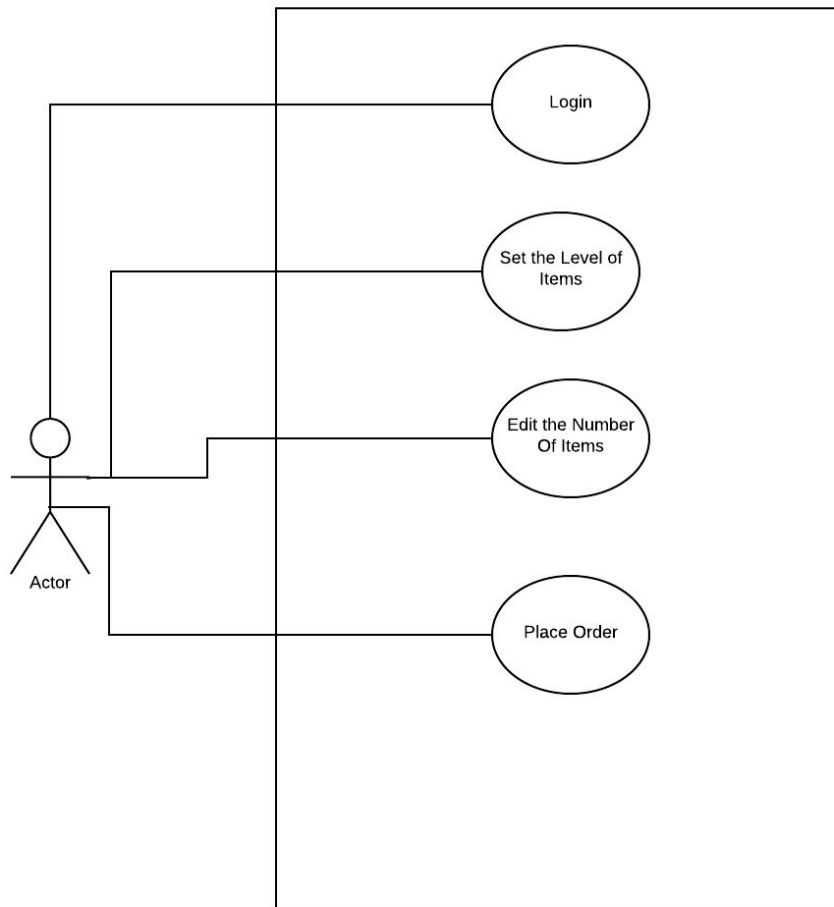
Table

There is a product table Which has the following attributes

- Product Name
- Product Type
- Product Price
- Product Quantity
- Product Description

Type(Varchar)	Name(Varchar)	Price (Float)	Quantity(int)	Description(Var char)
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Use Case.



Layout

Login

localhost:8080/HomeSupplyTracker/

Hello There..!!
Welcome to Home Inventory Tracker

Username:

Password:

Login

DashBoard

Dashboard

localhost:8080/HomeSupplyTracker/Dashboard

Logout

Enter the Items Consumed

Type

Name

Quantity

Consumed

Name	Quantity	Price	Description
pepper	1	170.0	250g Packet
Knife	1	100.0	Medium size
Salt	1	70.0	1Kg Packet
Cheese	2	180.0	100 g packet
World	1	100.0	None
Sugar	4	280.0	1 KG Packet

Show Database

Change Required Purchases Payment

Copy Database

Name	Quantity	Price	Description
pepper	1	170.0	250g Packet
Knife	1	100.0	Medium size
Salt	1	70.0	1Kg Packet
Cheese	2	180.0	100 g packet
World	1	100.0	None
Sugar	4	280.0	1 KG Packet

Hide Database

Type	Name	Usual Quantity Purchased	Price per Quantity	Description
Kitchen	pepper	1	170.0	250g Packet
Kitchen	Knife	1	100.0	Medium size
Kitchen	Salt	1	70.0	1Kg Packet
Kitchen	Cheese	2	90.0	100 g packet
Hello	World	1	100.0	None
Kitchen	Sugar	4	70.0	1 KG Packet

Change Required Purchases Payment

- This takes in the type and items consumed by the User and adds it to the shopping list.
- The General database can be hidden from the user using the show button.
- The database can be edited by Change Required Purchases Button.
- The top left has a Logout Button and payment can be made by Payment button.
- It also has a button to copy the data of the Database to the Shopping list.

Edit Database

Update

localhost:8080/HomeSupplyTracker/Update

Dashboard Logout

Enter the Items In Database

Type

Name

Quantity

Price

Description

Name	Usual Quantity Purchased	Price per Quantity	Description
pepper	1	170.0	250g Packet
Knife	1	100.0	Medium size
Salt	1	70.0	1Kg Packet
Cheese	2	90.0	100 g packet
World	1	100.0	None
Sugar	4	70.0	1 KG Packet

This lets you edit the levels of Items required or let's you add a new item to the database.

Purchase

Purchased

localhost:8080/HomeSupplyTracker/Purchase

Items Purchased .. Mail Sent to Vendor

Name	Quantity	Price	Description
pepper	1	170.0	250g Packet
Knife	1	100.0	Medium size
Salt	1	70.0	1Kg Packet
Cheese	2	180.0	100 g packet
World	1	100.0	None
Sugar	4	280.0	1 KG Packet

Total is 900.0

An Actual email has been sent to the Vendor

Mail

From: testtest101testtest@gmail.com <testtest101testtest@gmail.com> ▾ 🔒

12:13 PM (11 minutes ago) ☆

To: HomeSupplyTracker@protonmail.com

[Show details](#)

🔍 ▾

📁 ▾

🏷️ ▾

↩️

⏮️

⏭️

⌵

"
This The Order in table format
"

Sno	Type	Name	Price	Quantity	Description
1	Kitchen	pepper	170.0	1	250g Packet
2	Kitchen	Knife	100.0	1	Medium size
3	Kitchen	Salt	70.0	1	1Kg Packet
4	Kitchen	Cheese	90.0	2	100 g packet
5	Hello	World	100.0	1	None
6	Kitchen	Sugar	70.0	4	1 KG Packet