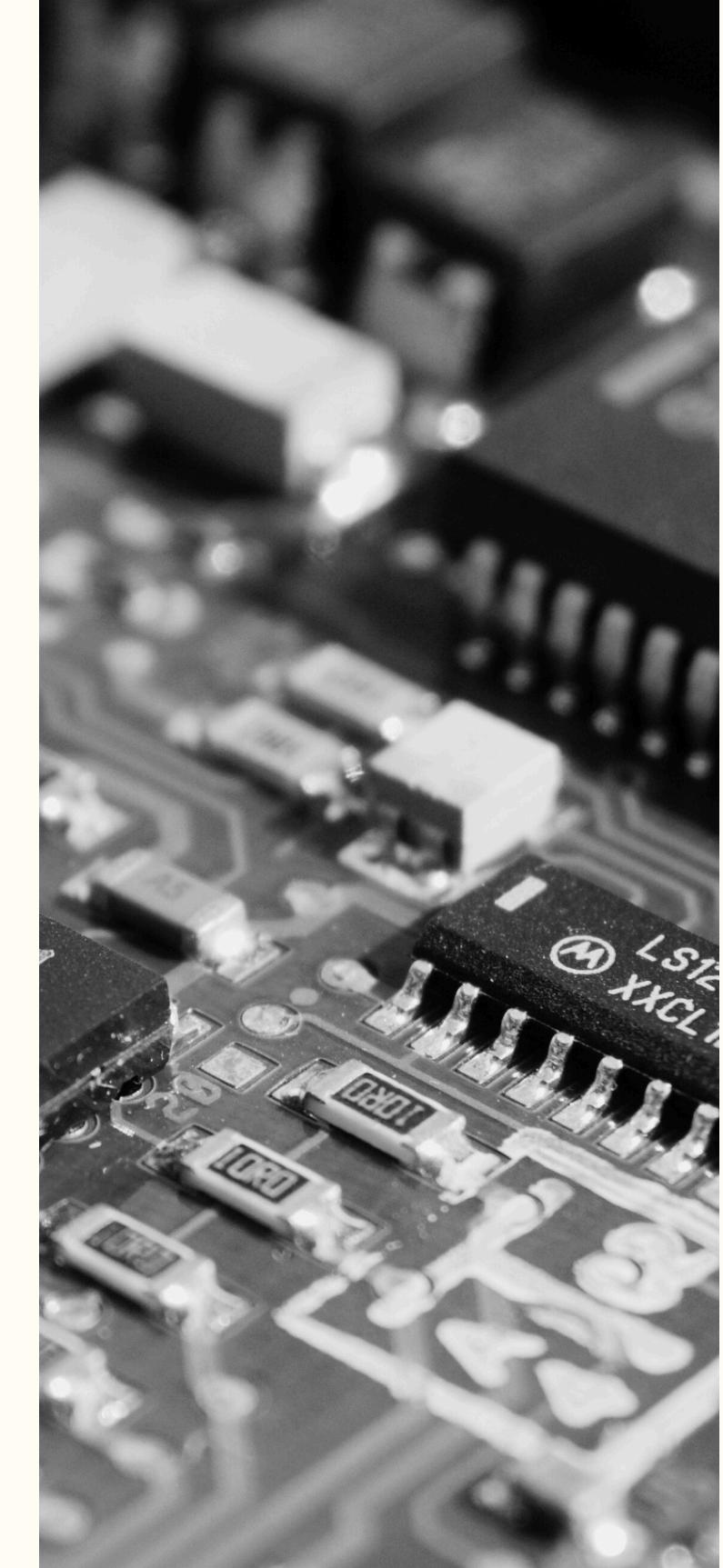


# TECH STORE MANAGEMENT SYSTEM

Group 4 – SE1909.NET – GVHD: Thầy Nguyễn Thành Ý





## TABLE OF CONTENT

---

- 01. SYSTEM INTRODUCTION**
- 02. ROLE IN SYSTEM**
- 03. USE CASES**
- 04. SWIMLANE DIAGRAM**
- 05. DATABASE DESIGN**
- 06. PACKAGE DIAGRAM**
- 07. SCREEN FLOW**

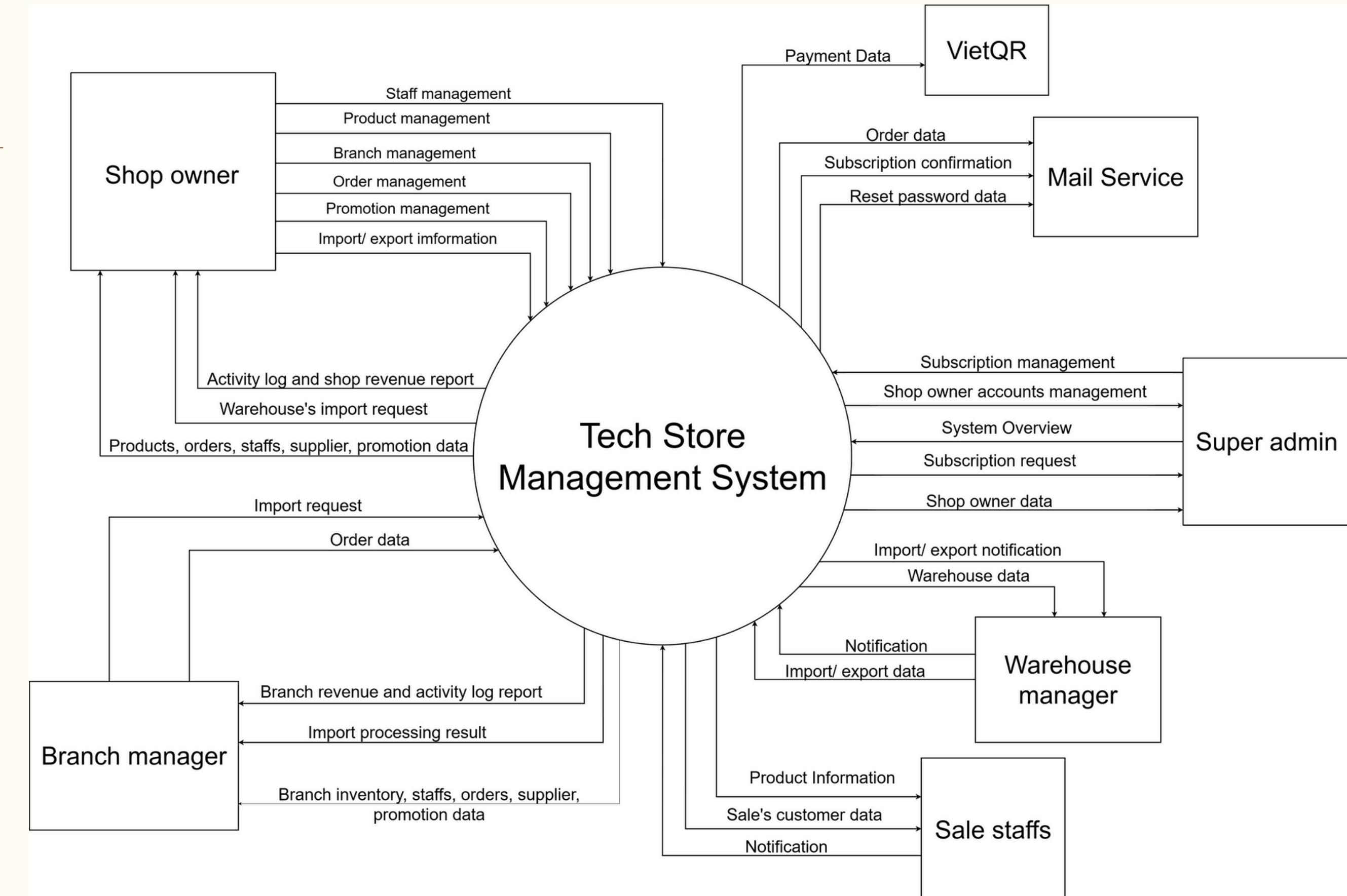
# 01.

## INTRODUCTION

- The Tech Store Management System is a centralized web-based platform designed to support the operations of a tech retail chain, including shop management, inventory tracking, order processing, staff coordination, and warehouse logistics.



# O1. INTRODUCTION

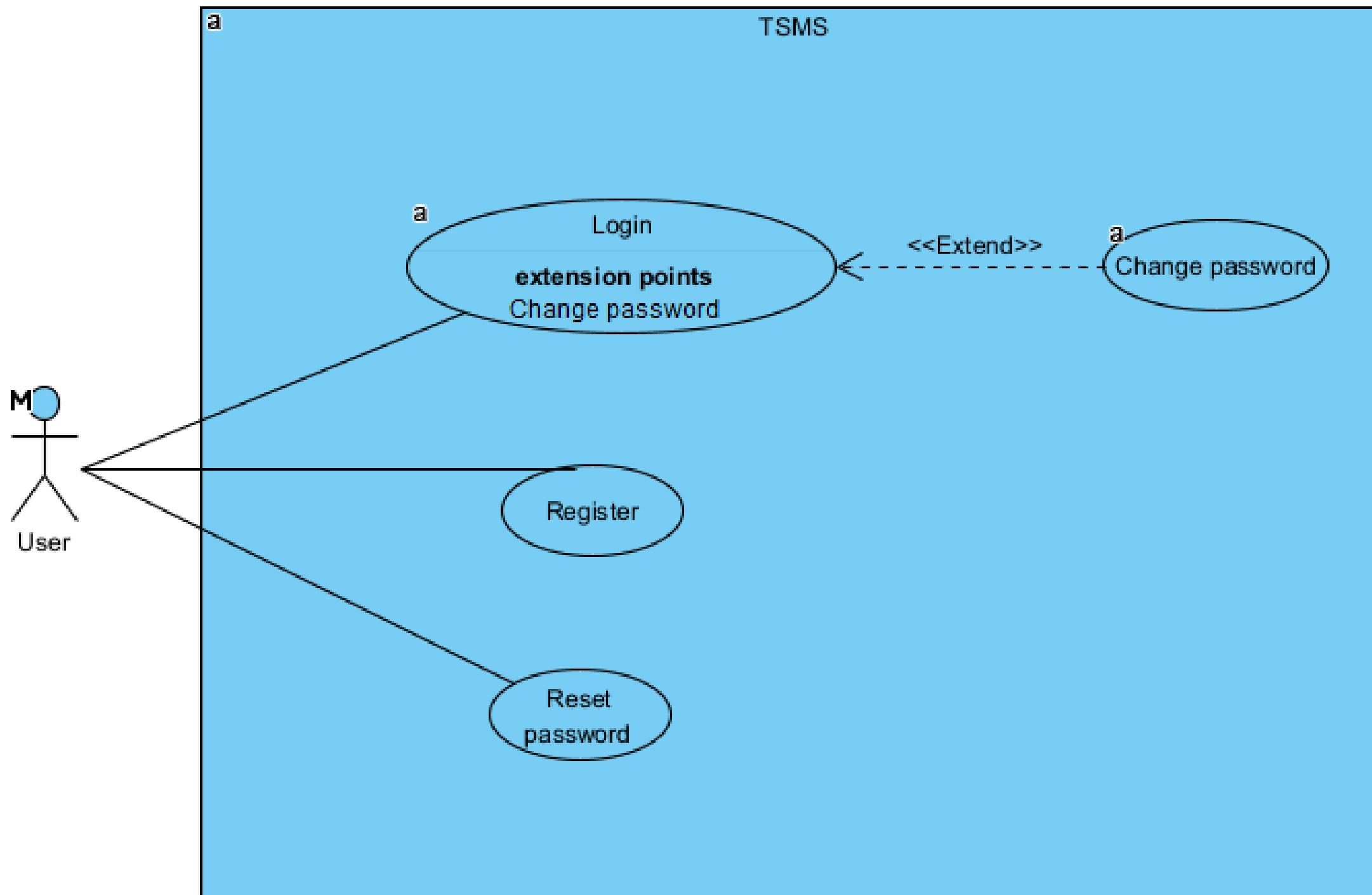


## O2. ROLE IN THE PROJECT

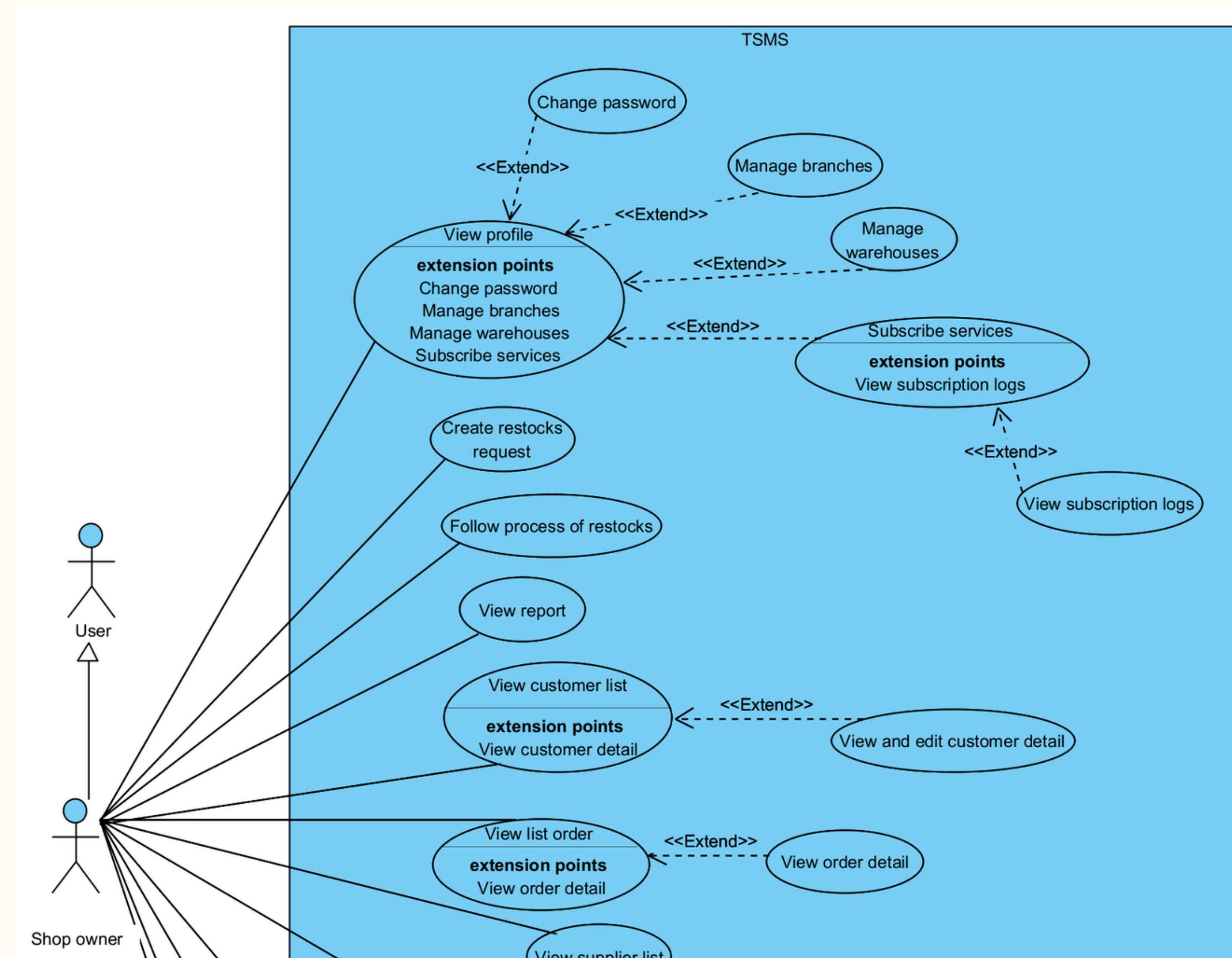
There are 4 roles in the system:

#	Role Name	Description
1	Shop Owner	Owner of the entire chain of shops.
2	Branch Manager	Responsible for managing operations at a specific branch.
3	Warehouse Manager	Frontline staff responsible for selling products and assisting customers.
4	Sale Staff	In charge of managing warehouse operations.

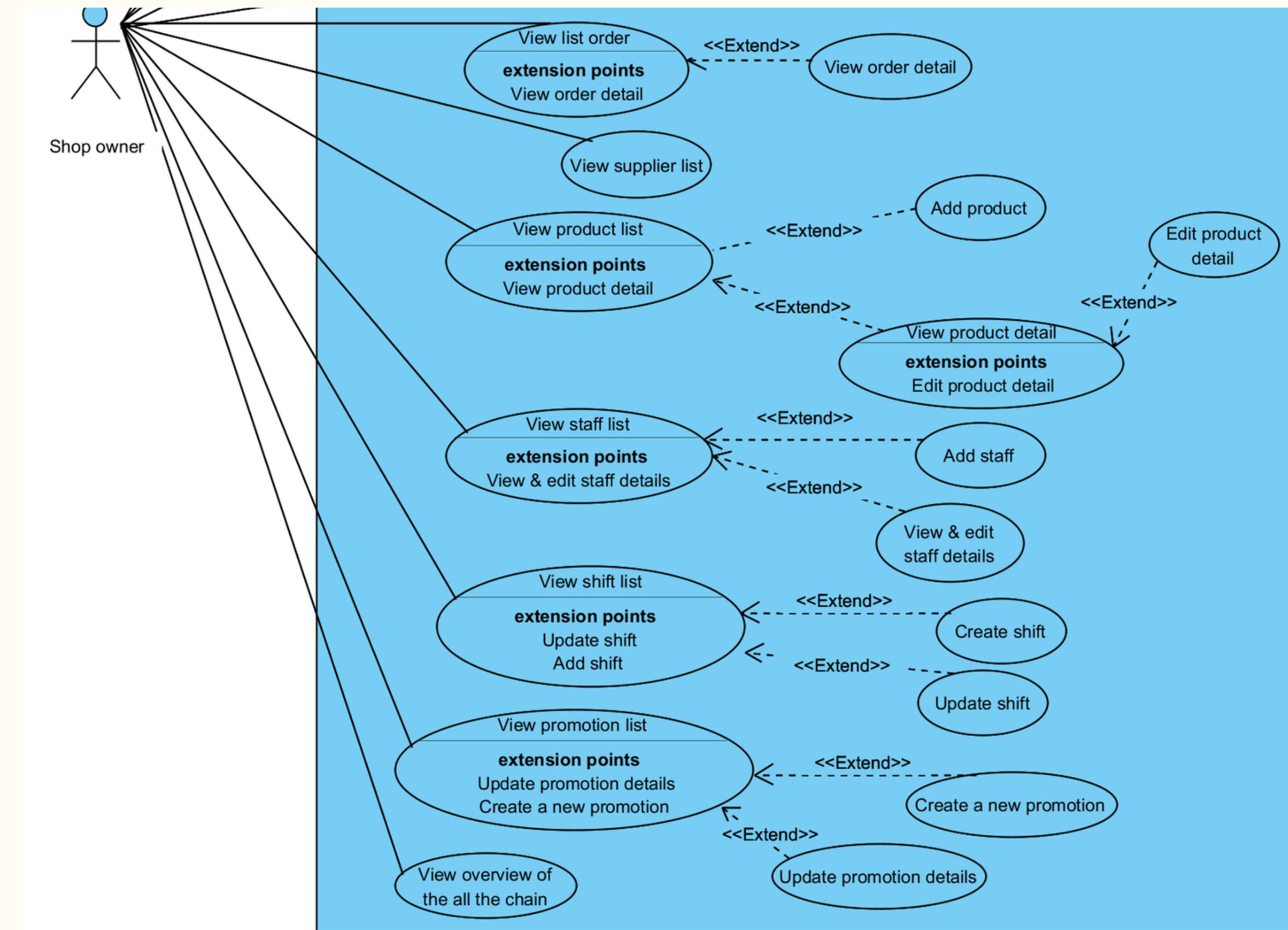
## 03. USE CASE – USER



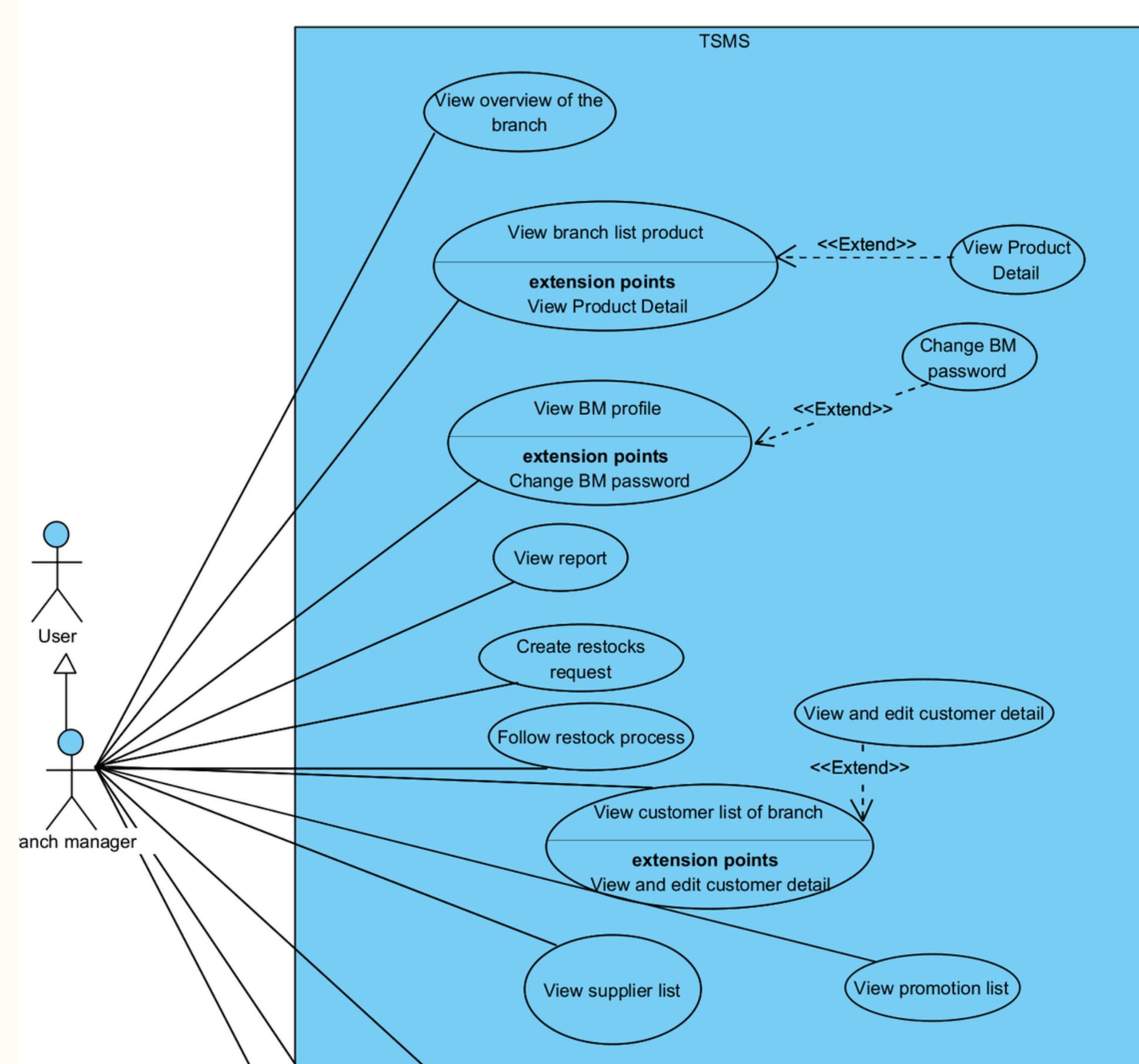
# 03. USE CASE - SHOP OWNER



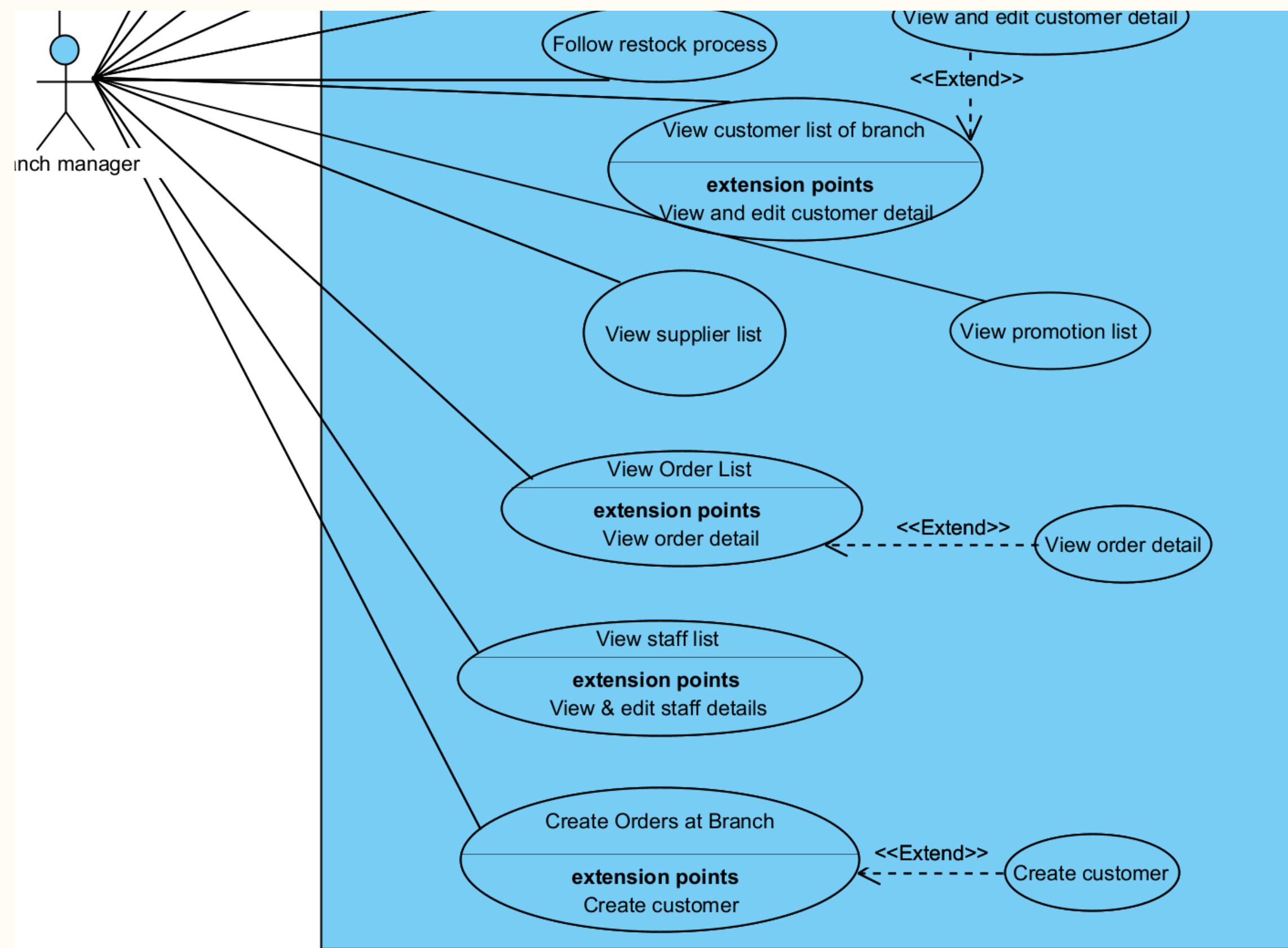
# 03. USE CASE - SHOP OWNER



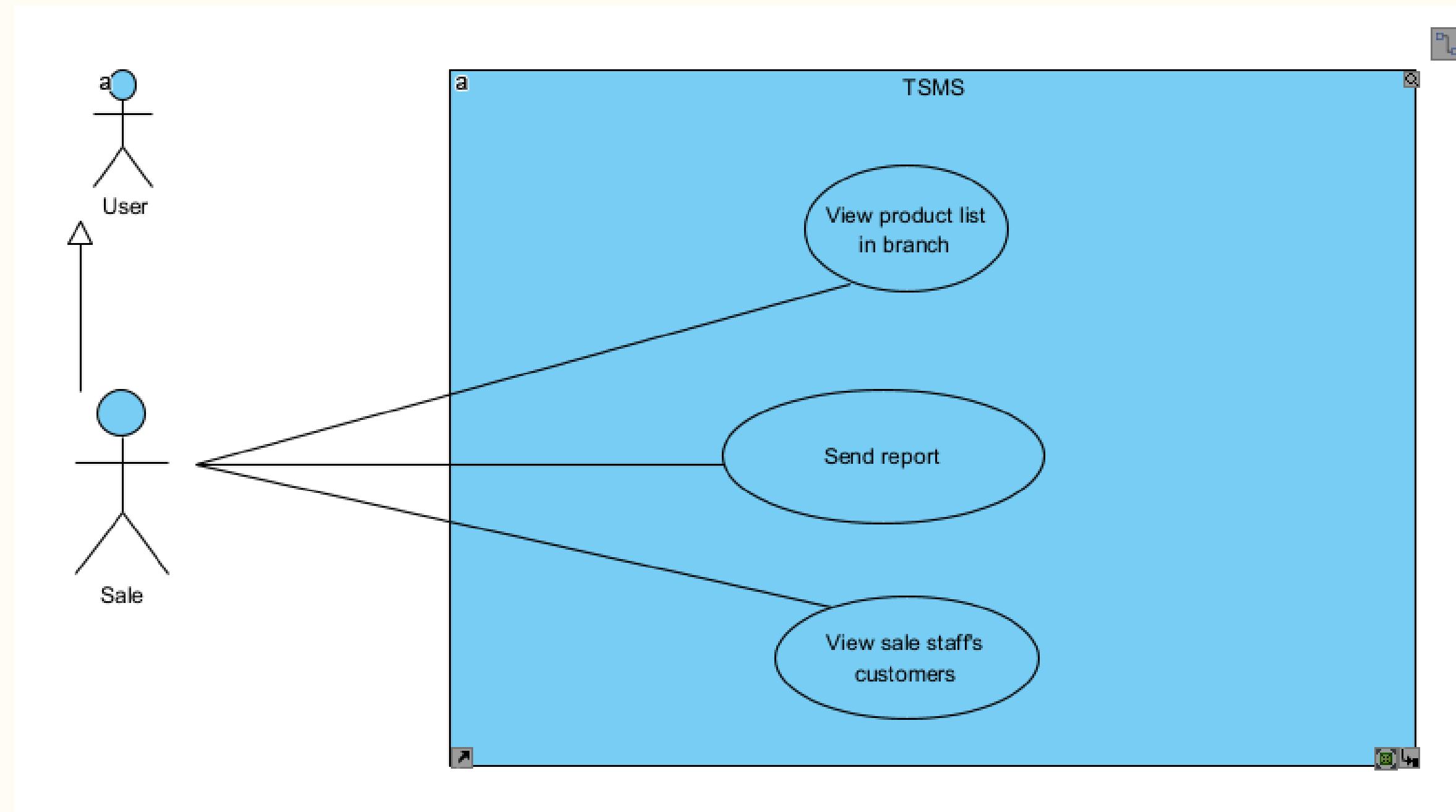
# 03. USE CASE - BRANCH MANAGER



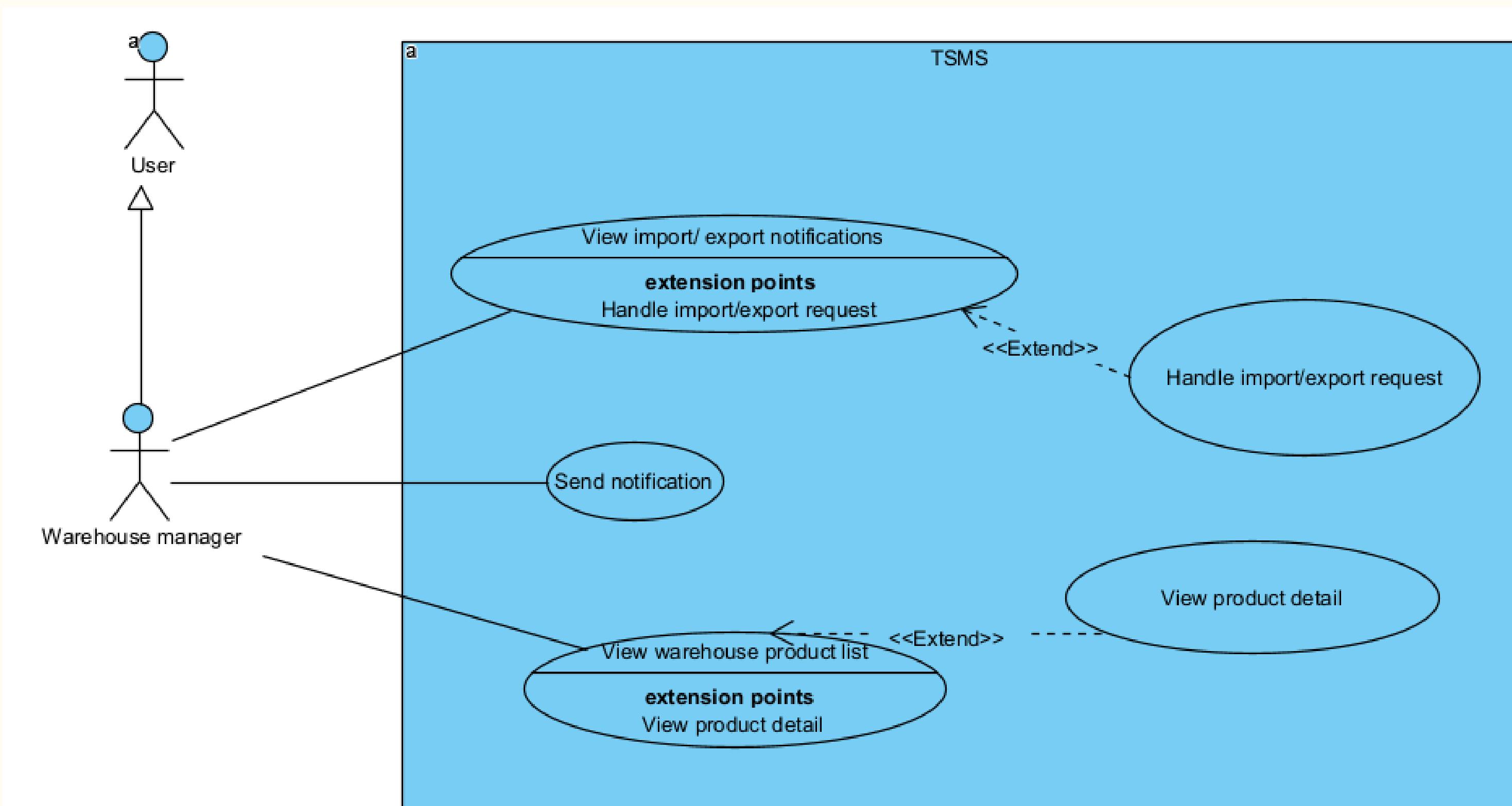
# 03. USE CASE - BRANCH MANAGER



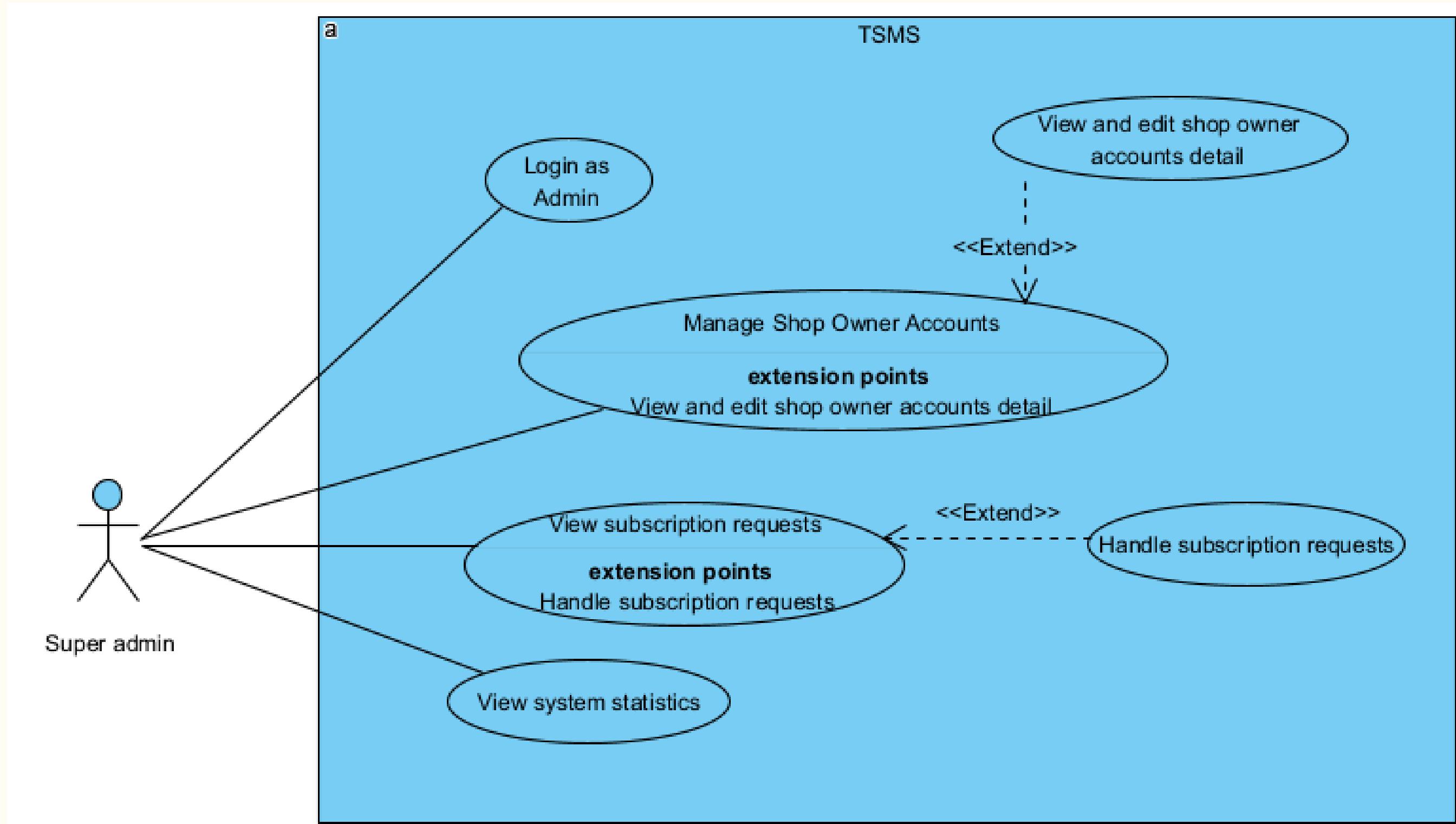
# 03. USE CASE - SALE STAFF



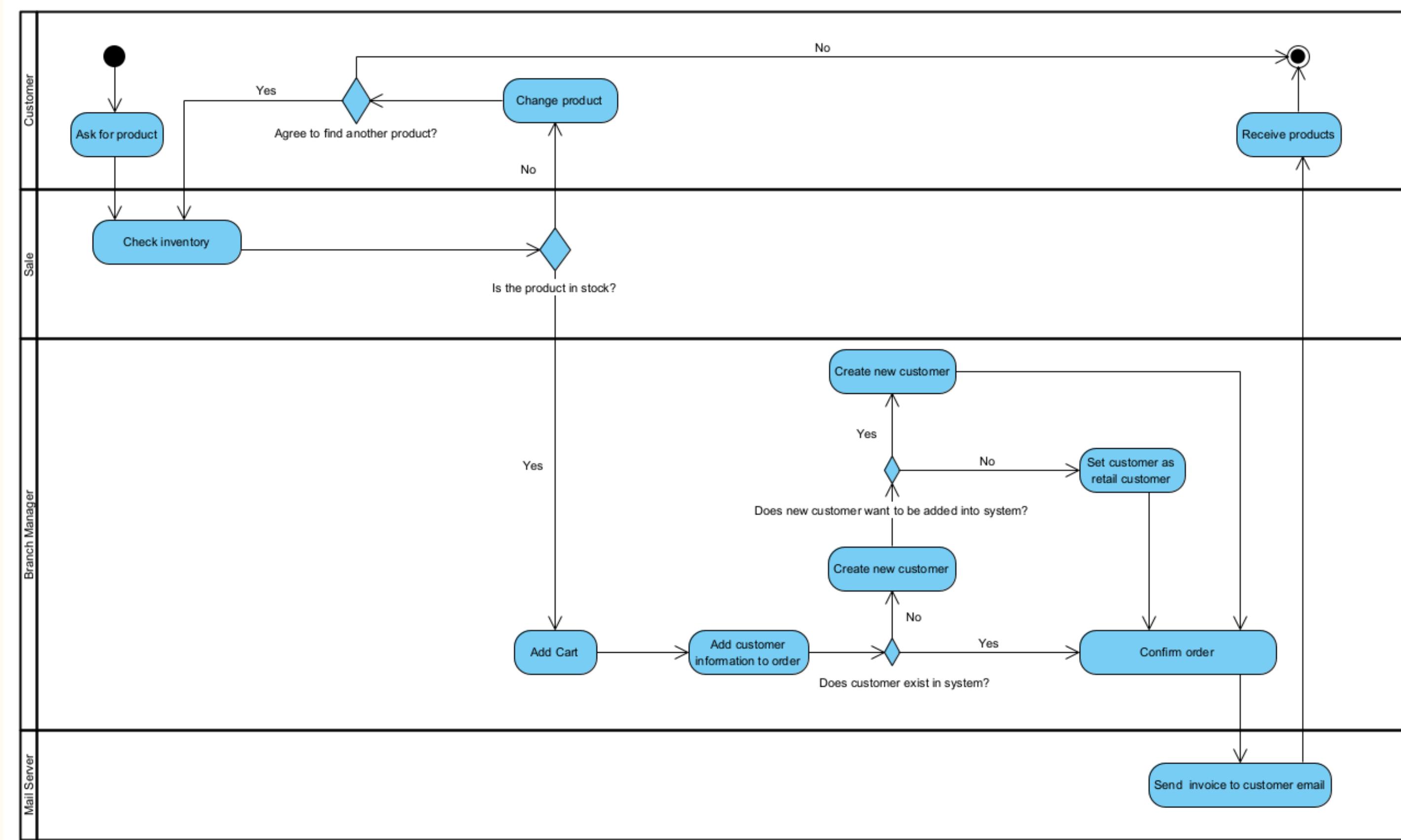
# 03. USE CASE – WAREHOUSE MANAGER



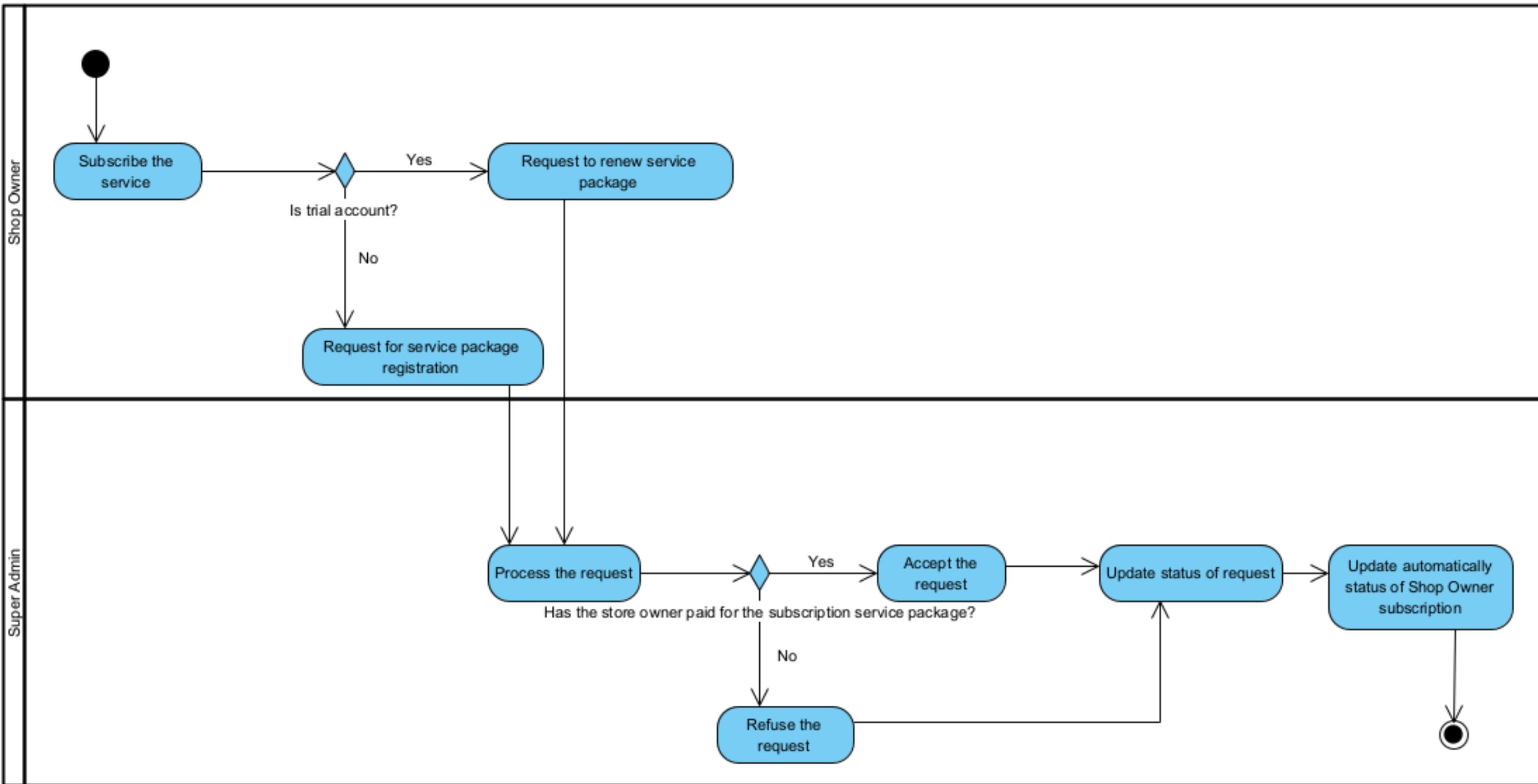
# 03. USE CASE - SUPER ADMIN



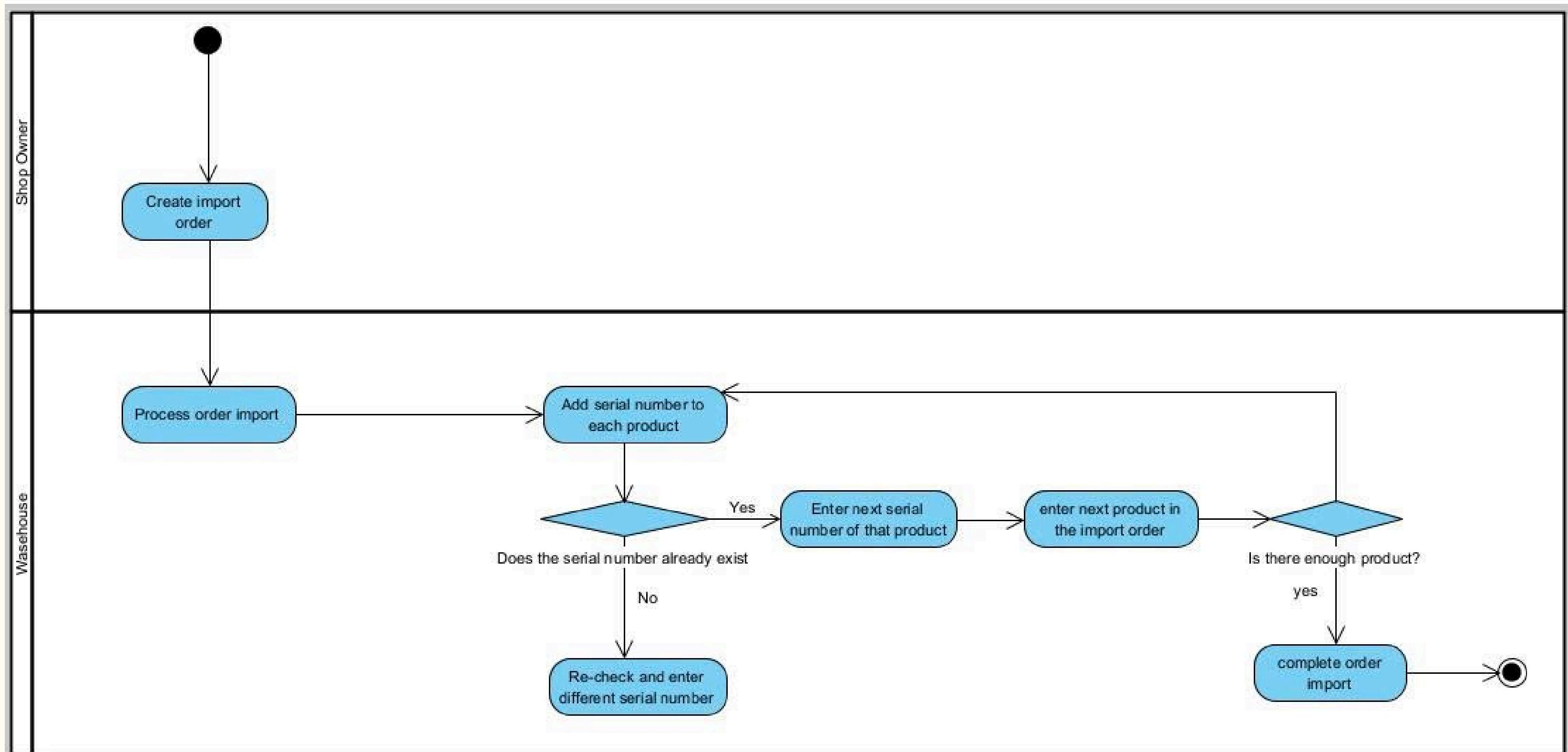
## 04. SWIMLANE DIAGRAM – SCENARIO: SELL IN STORE



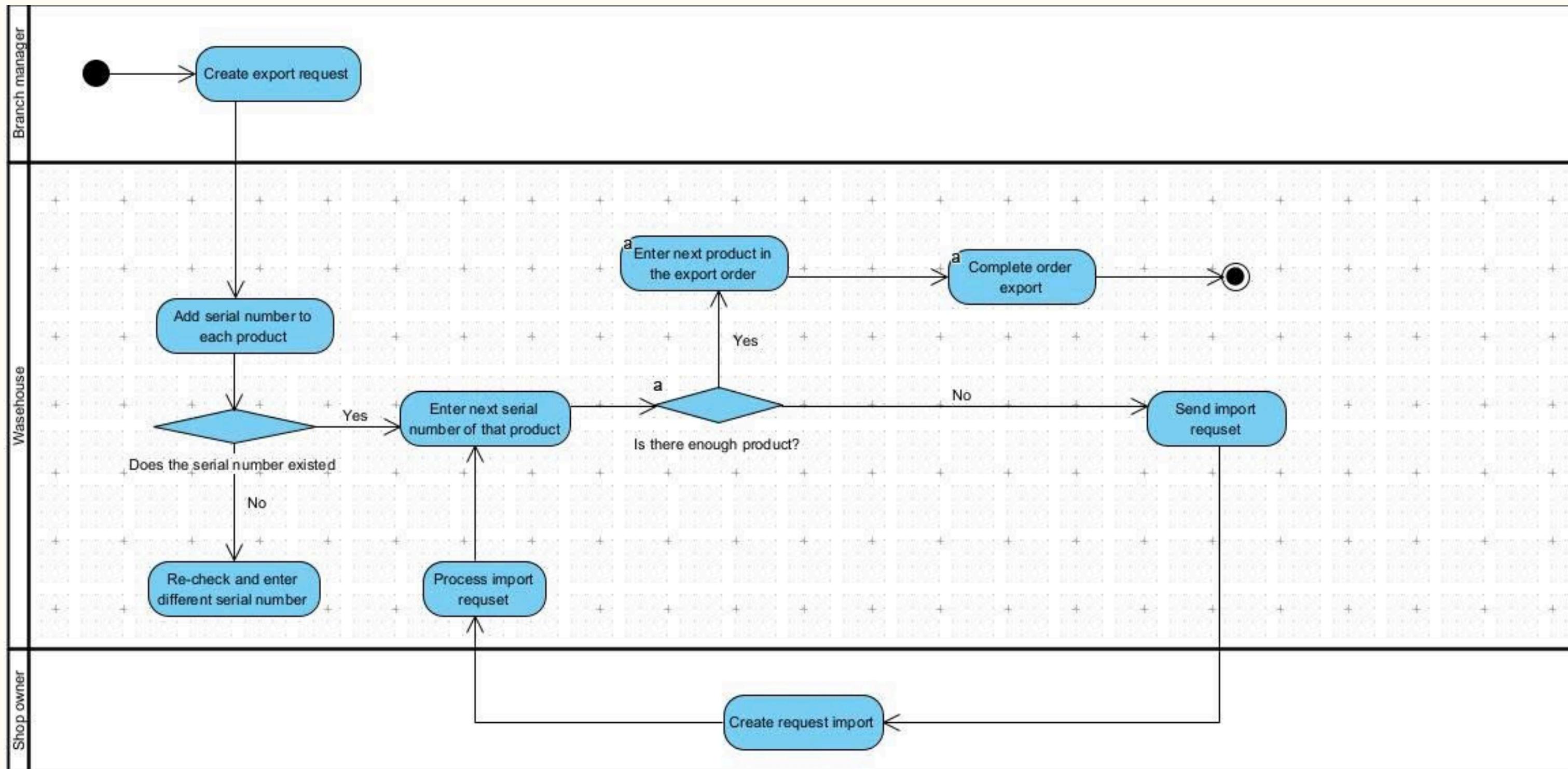
## O4. SWIMLANE DIAGRAM – SCENARIO: SUBSCRIBE OR RENEW SERVICE



## 04. SWIMLANE DIAGRAM – SCENARIO: IMPORT TO WAREHOUSE

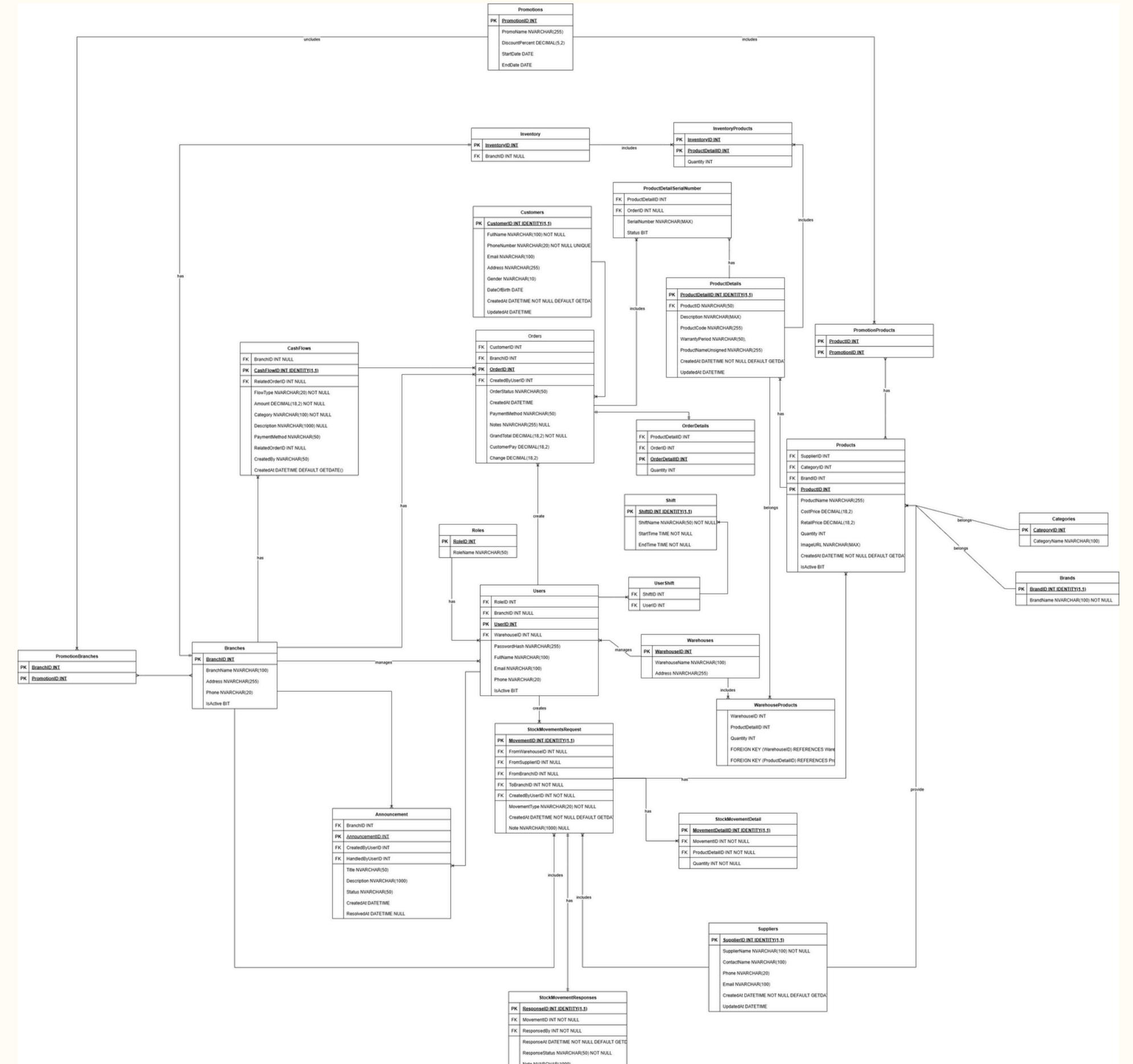


## O4. SWIMLANE DIAGRAM – SCENARIO: EXPORT TO INVENTORY OF BRANCH



# 05.

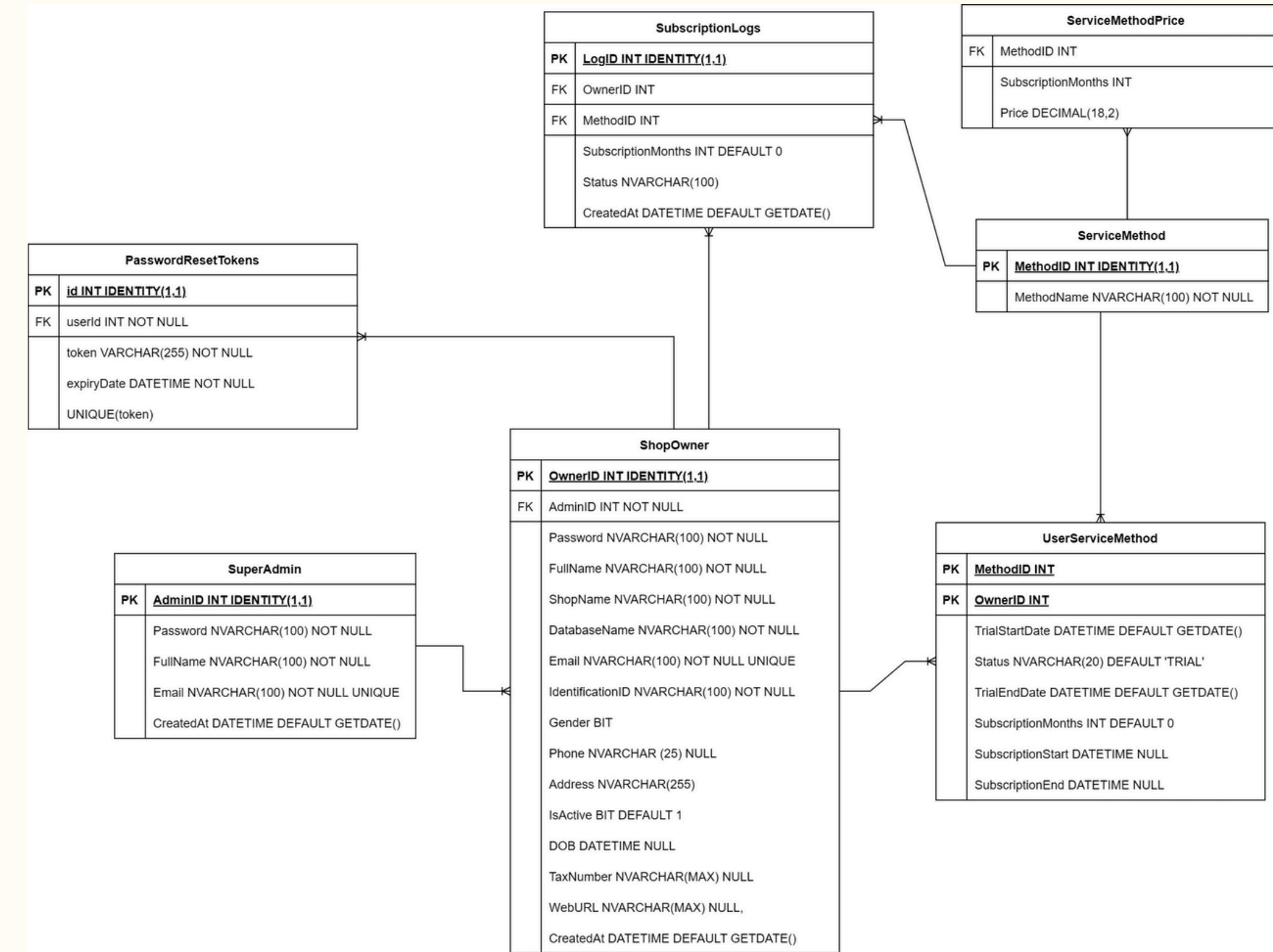
## DATABASE DESIGN



SHOP ERD SCHEMA

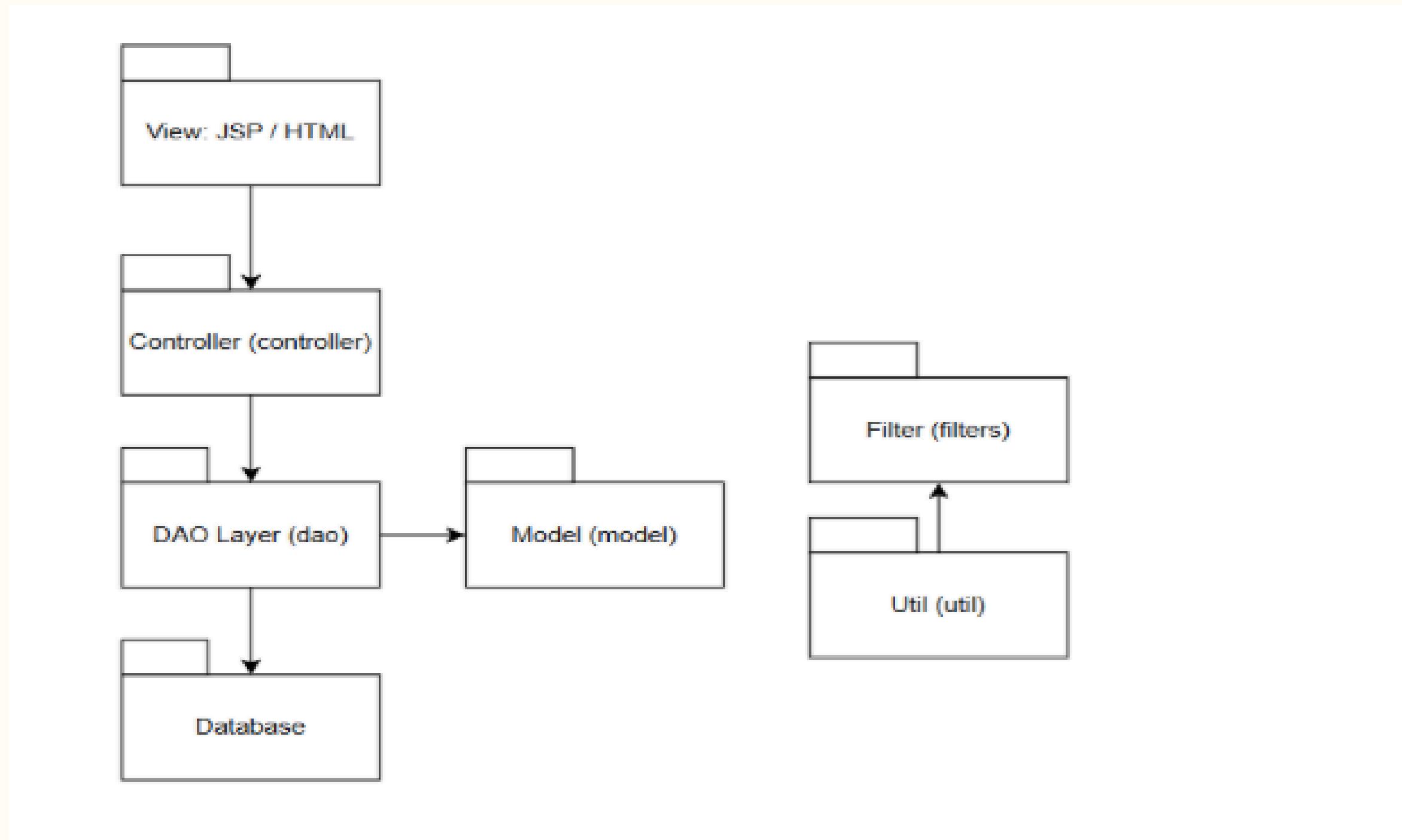
# 05.

## DATABASE DESIGN



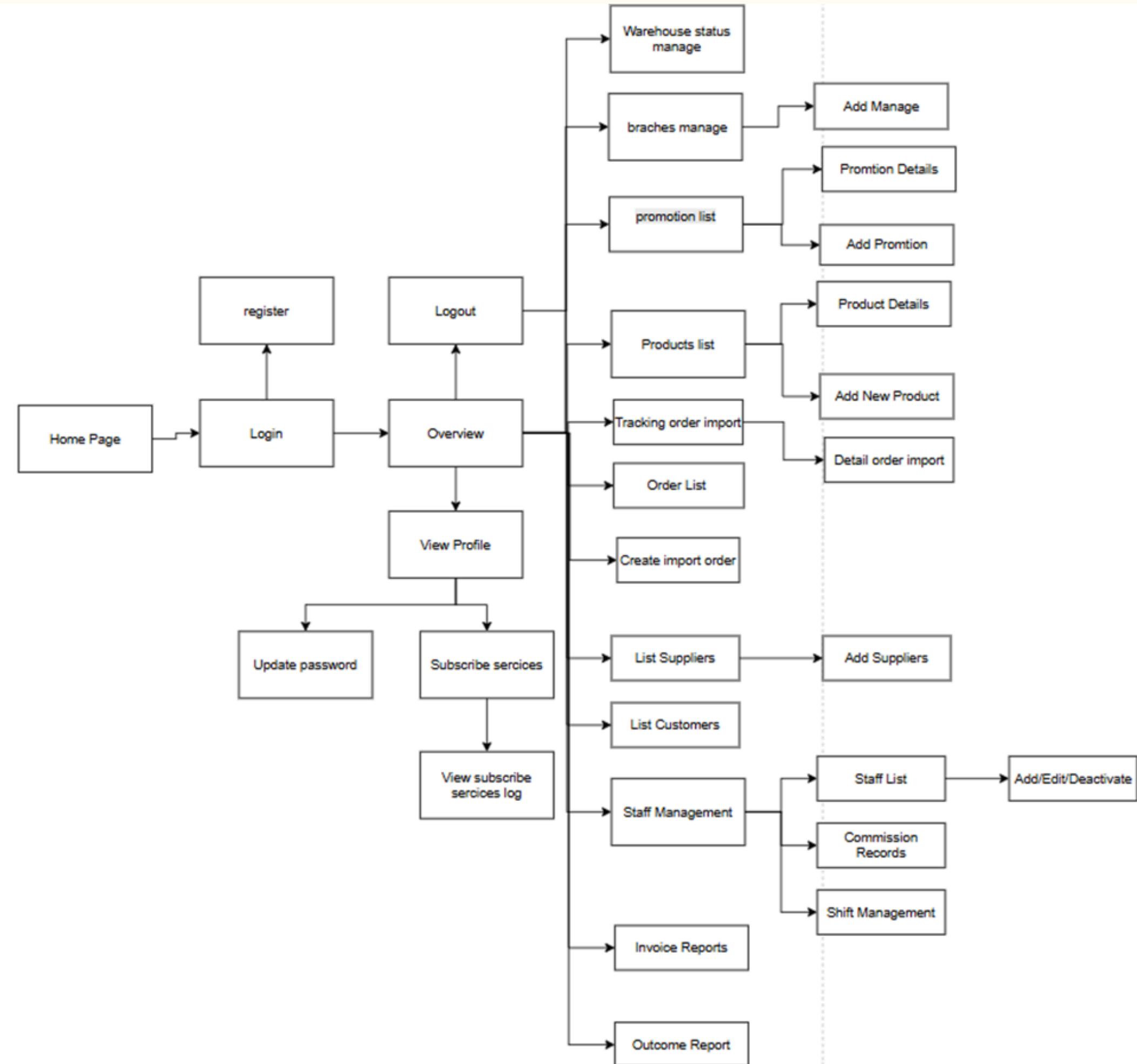
SUPER ADMIN ERD SCHEMA

# 06. PACKAGE DIAGRAM



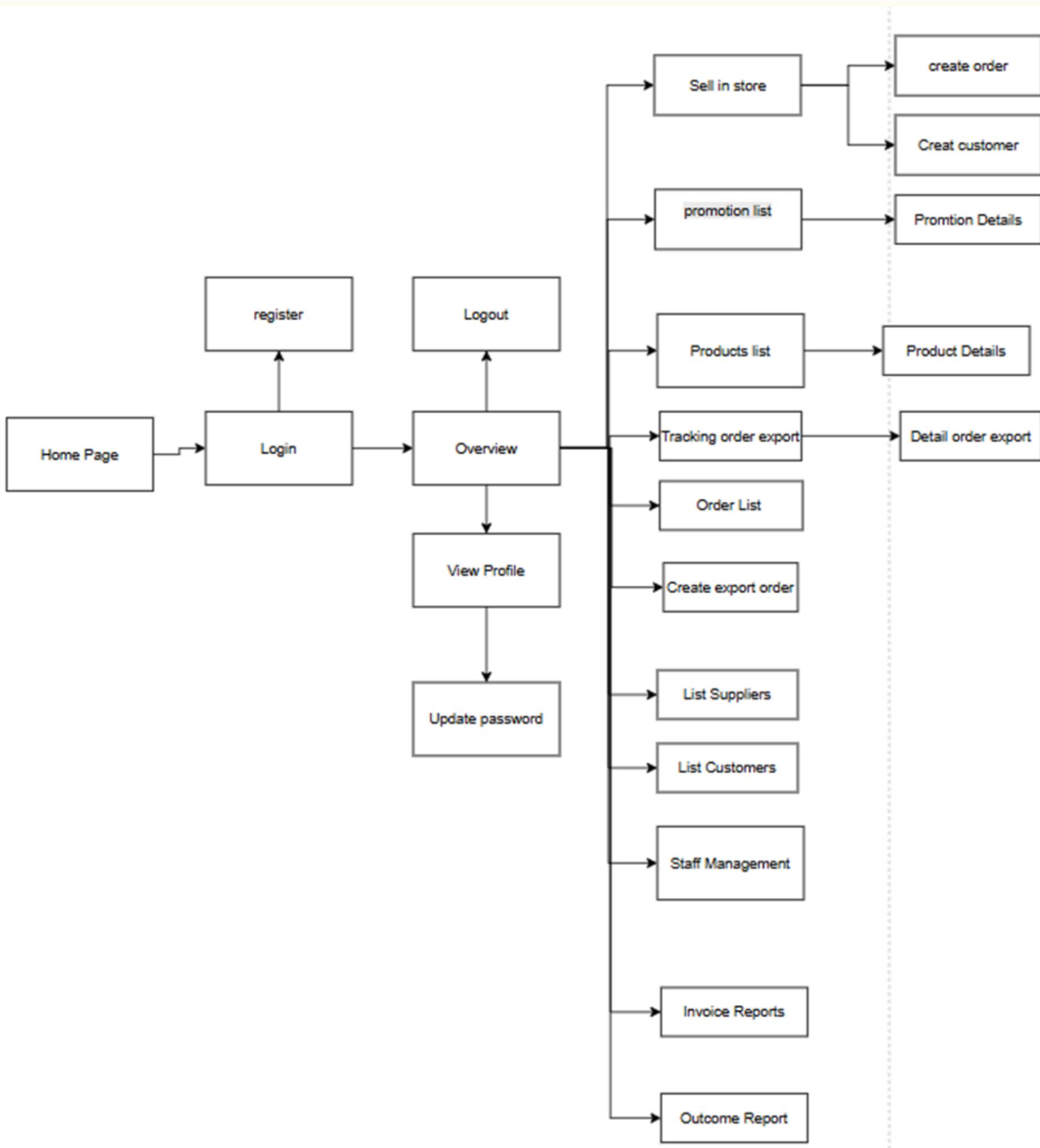
07.

# SCREEN FLOW OF SHOP OWNER



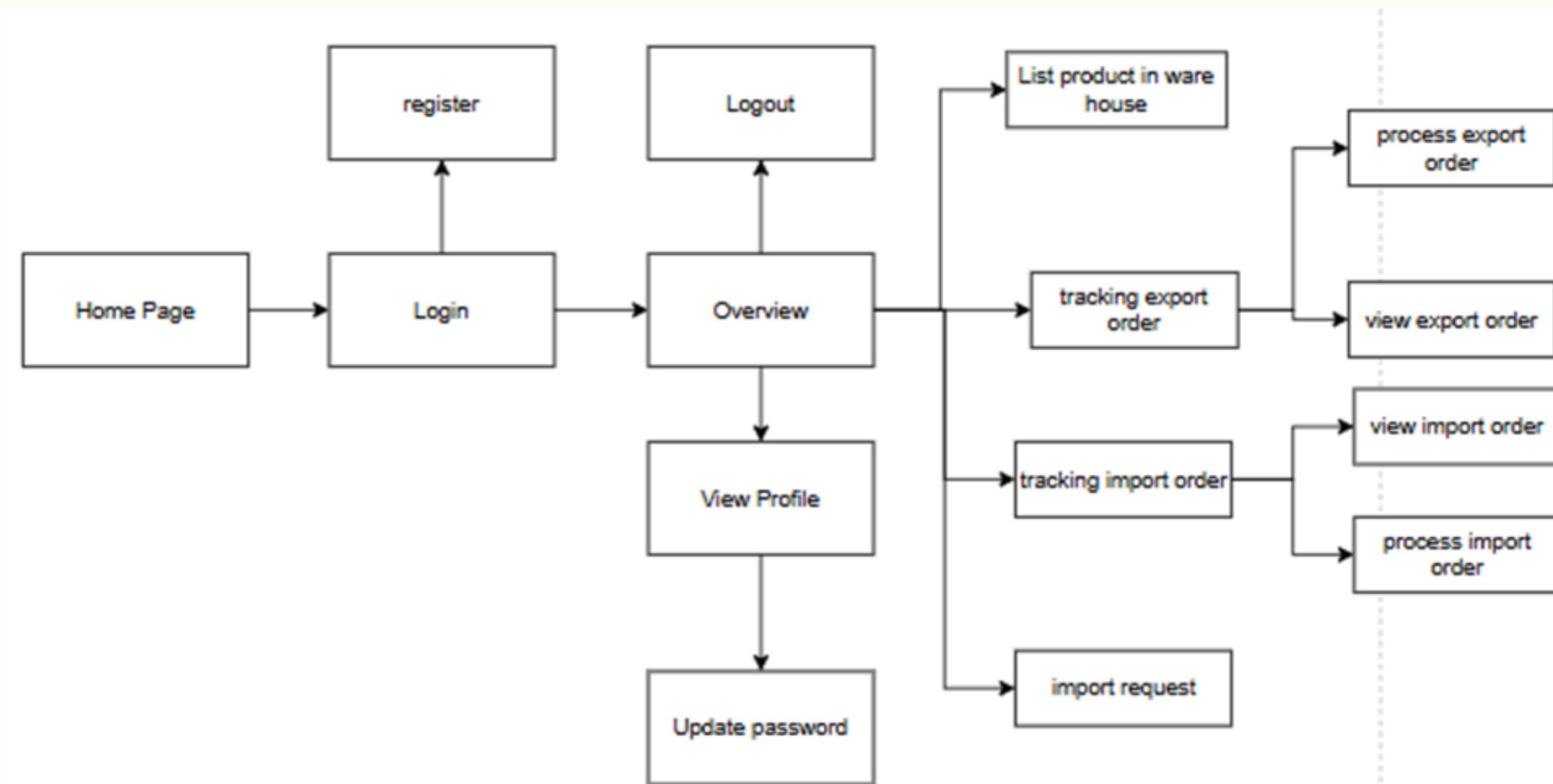
07.

## SCREEN FLOW OF BRANCH MANAGER



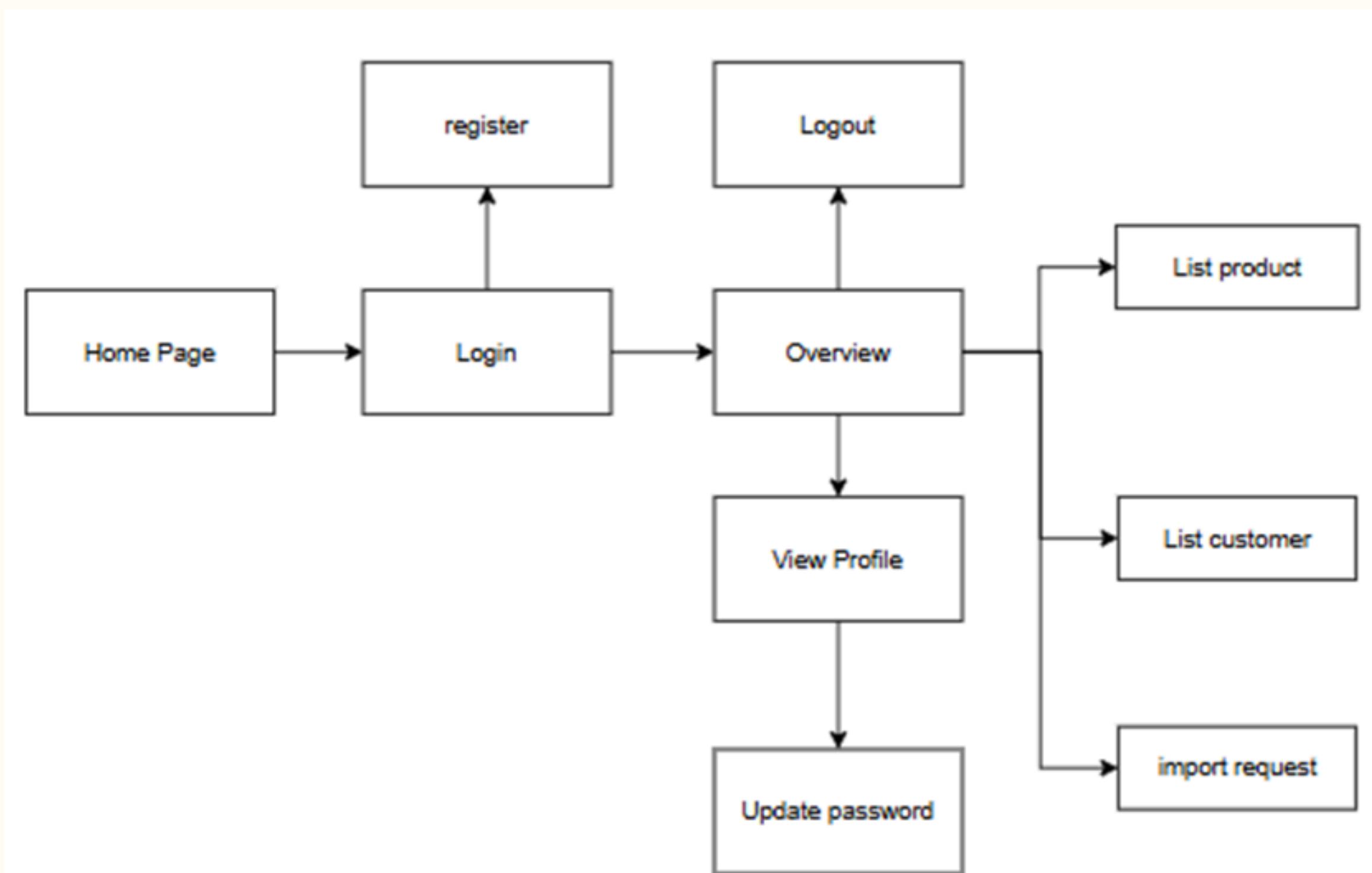
07.

## SCREEN FLOW OF WAREHOUSE MANAGER



07.

## SCREEN FLOW OF SALE STAFF



07.

## LESSON LEARNED

---

- TEAMWORK SKILLS
- SOURCE CODE MANAGEMENT SKILLS: GITLAB
- DATABASE MANAGEMENT SKILLS
- PROJECT BUILDING SKILLS THROUGH REQUIREMENT



FPT UNIVERSITY

# THANK YOU