

面向对象分析与设计

Object Oriented Analysis and Design

——OOMALL需求分析

OOMALL Requirement Analysis

邱明 博士

厦门大学信息学院

mingqiu@xmu.edu.cn

2023年秋季学期

1. 主参与者的目标和用例

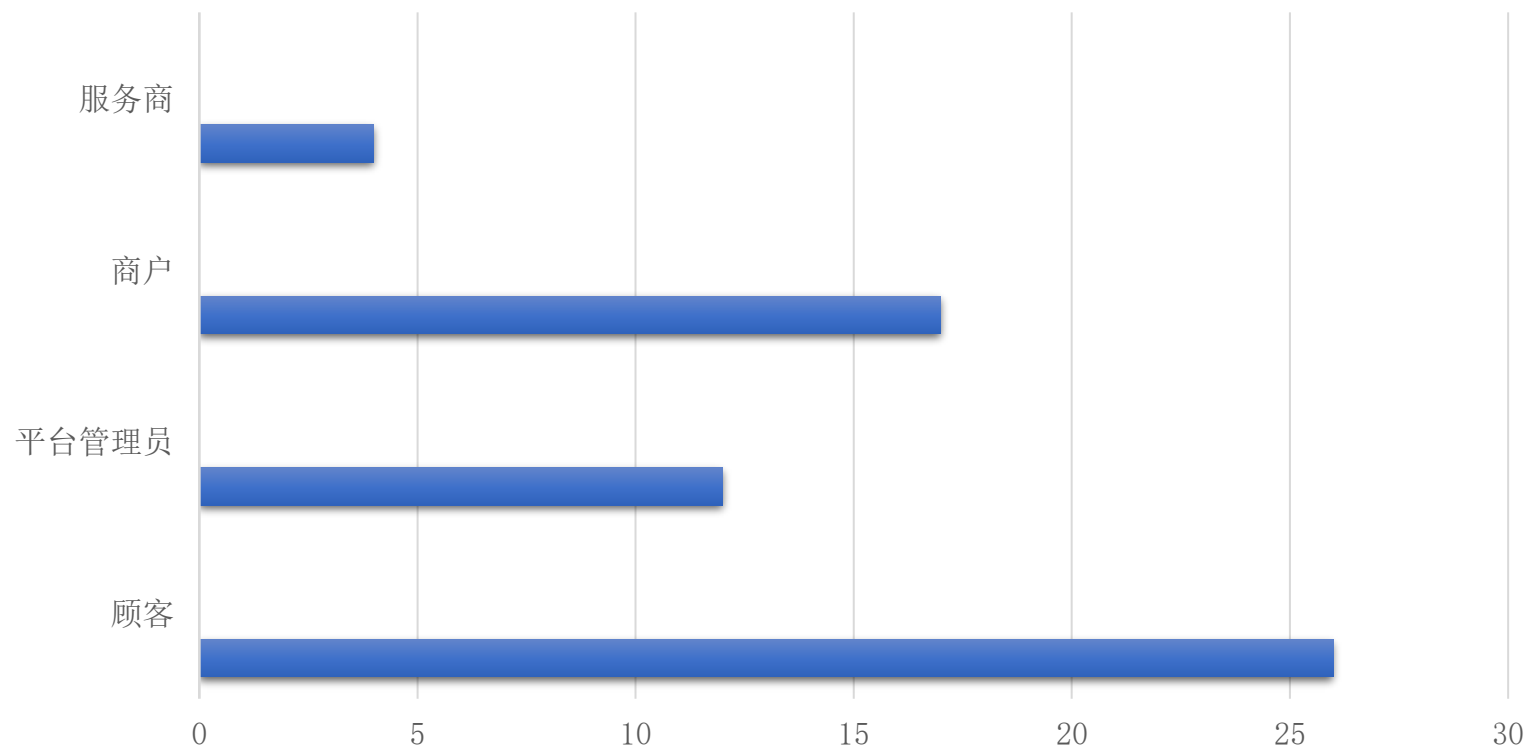
The Goals and User Cases of Primary Actors



1.1 总览

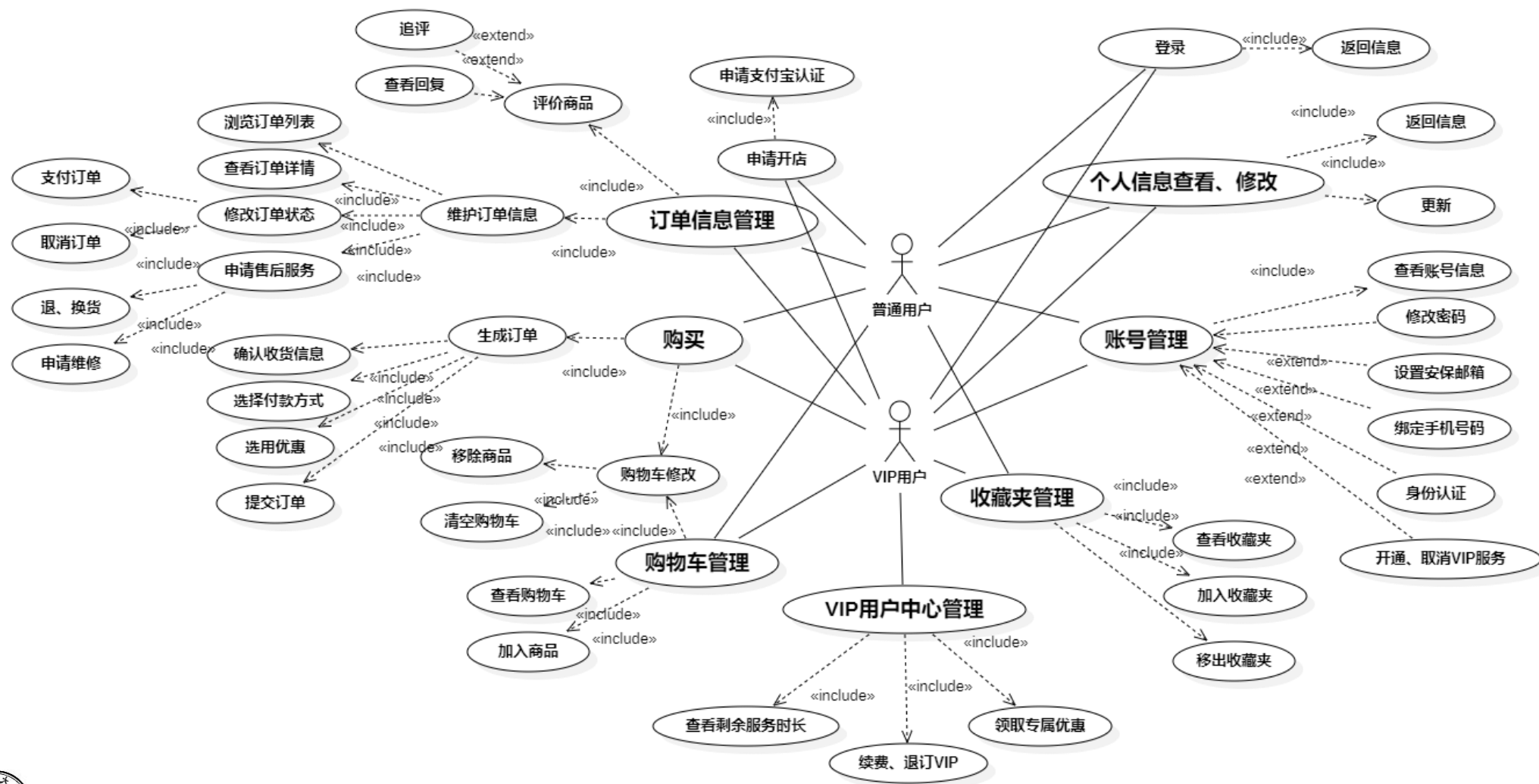
Overview

四个主参与者的参与度

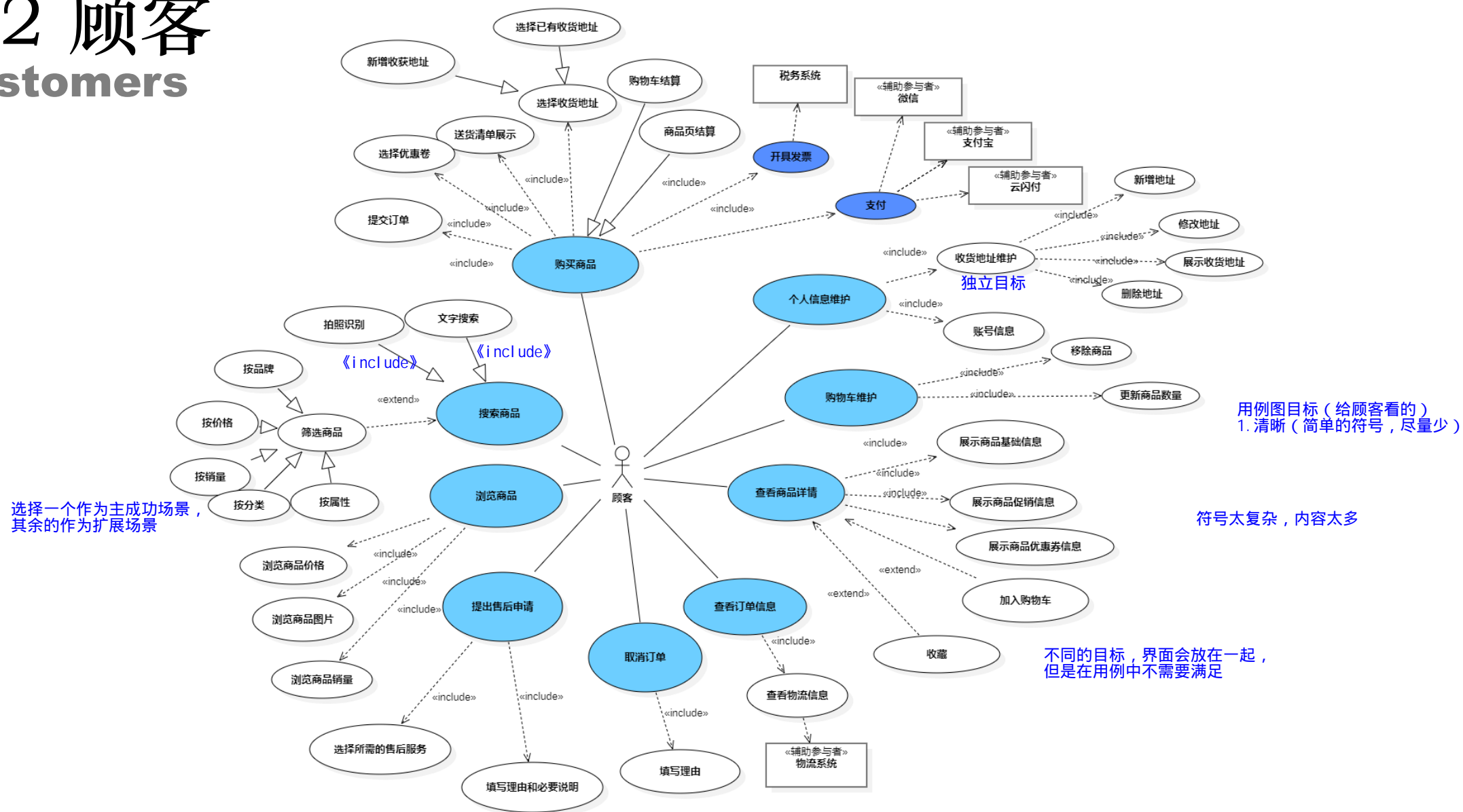


1.2 顾客

Customers

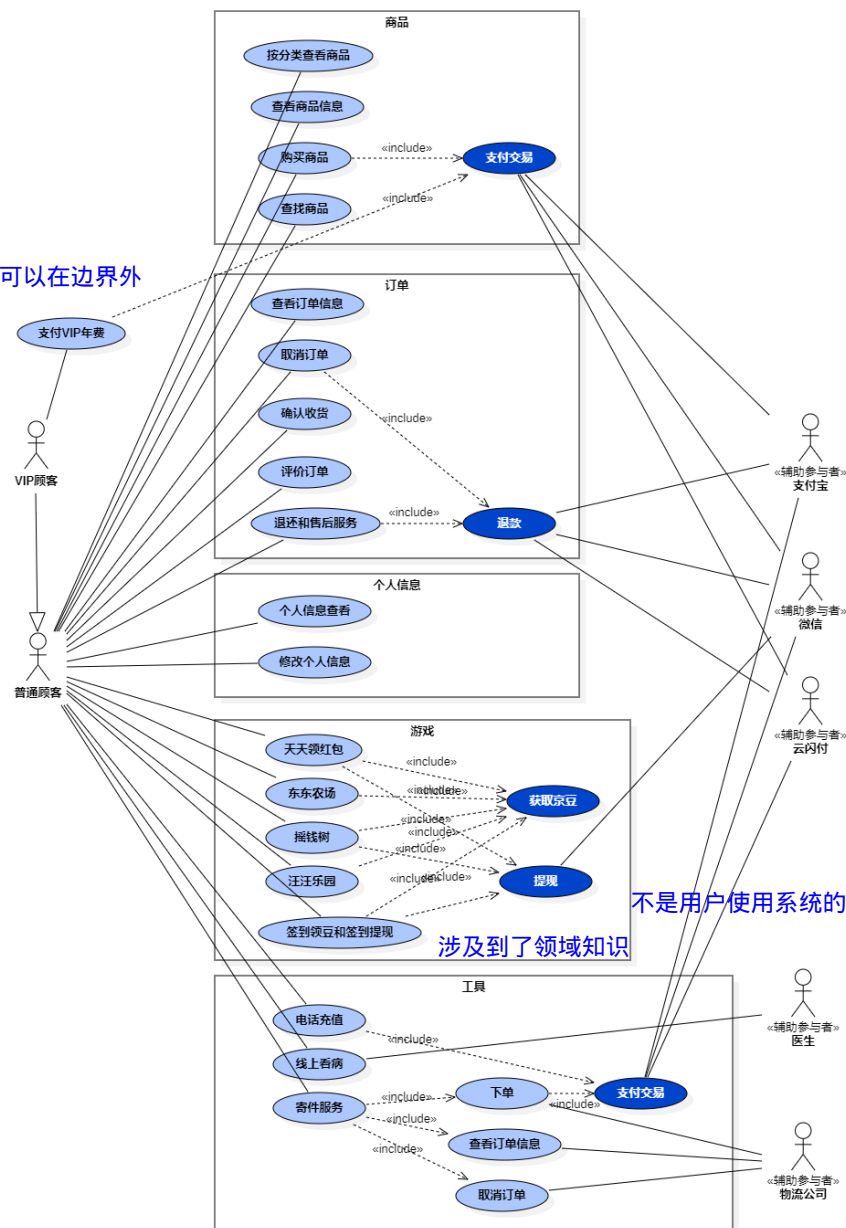


1.2 顾客 Customers

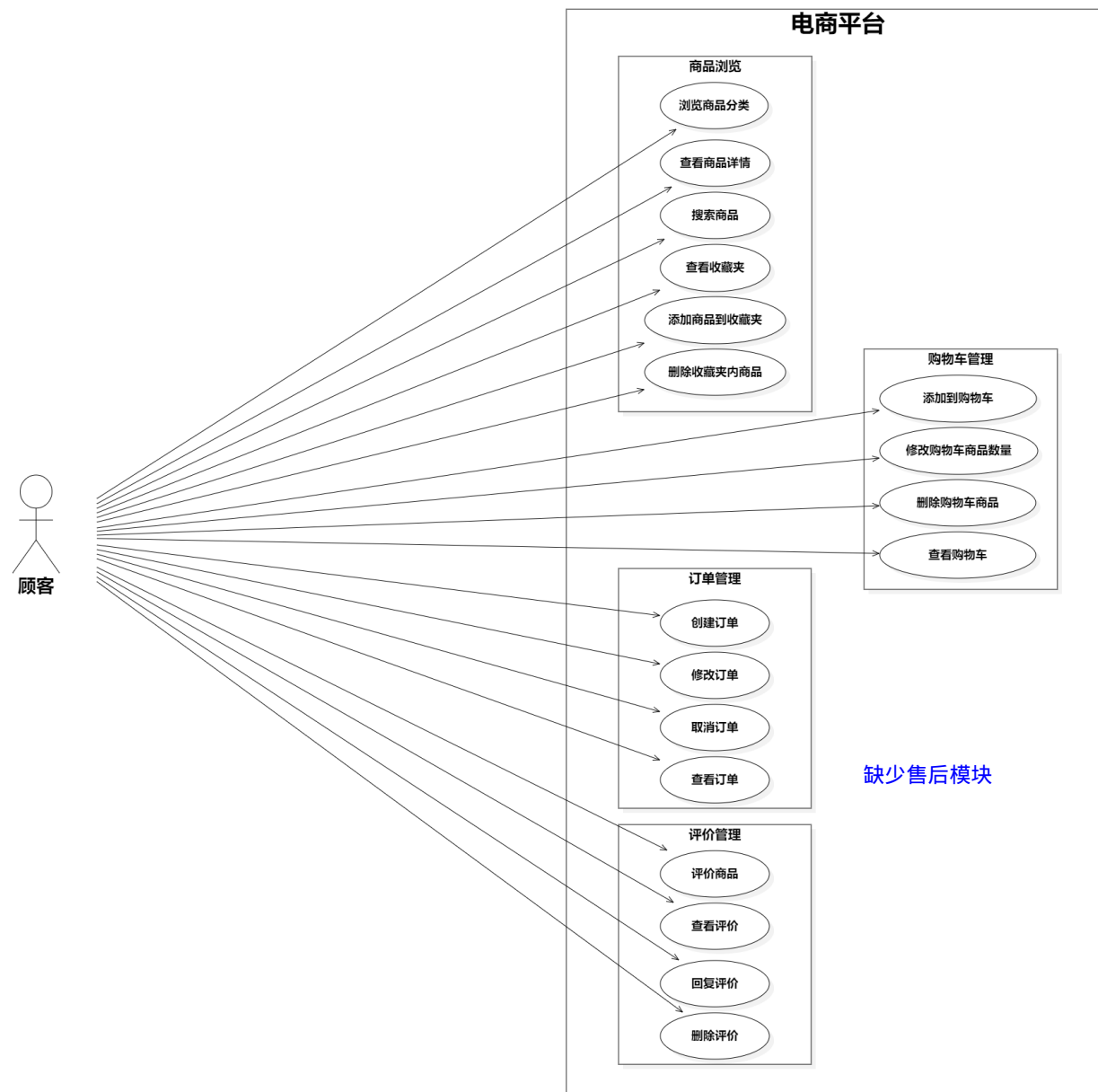


1.2 顾客 Customers

用例不能在边界外



1.2 顾客 Customers

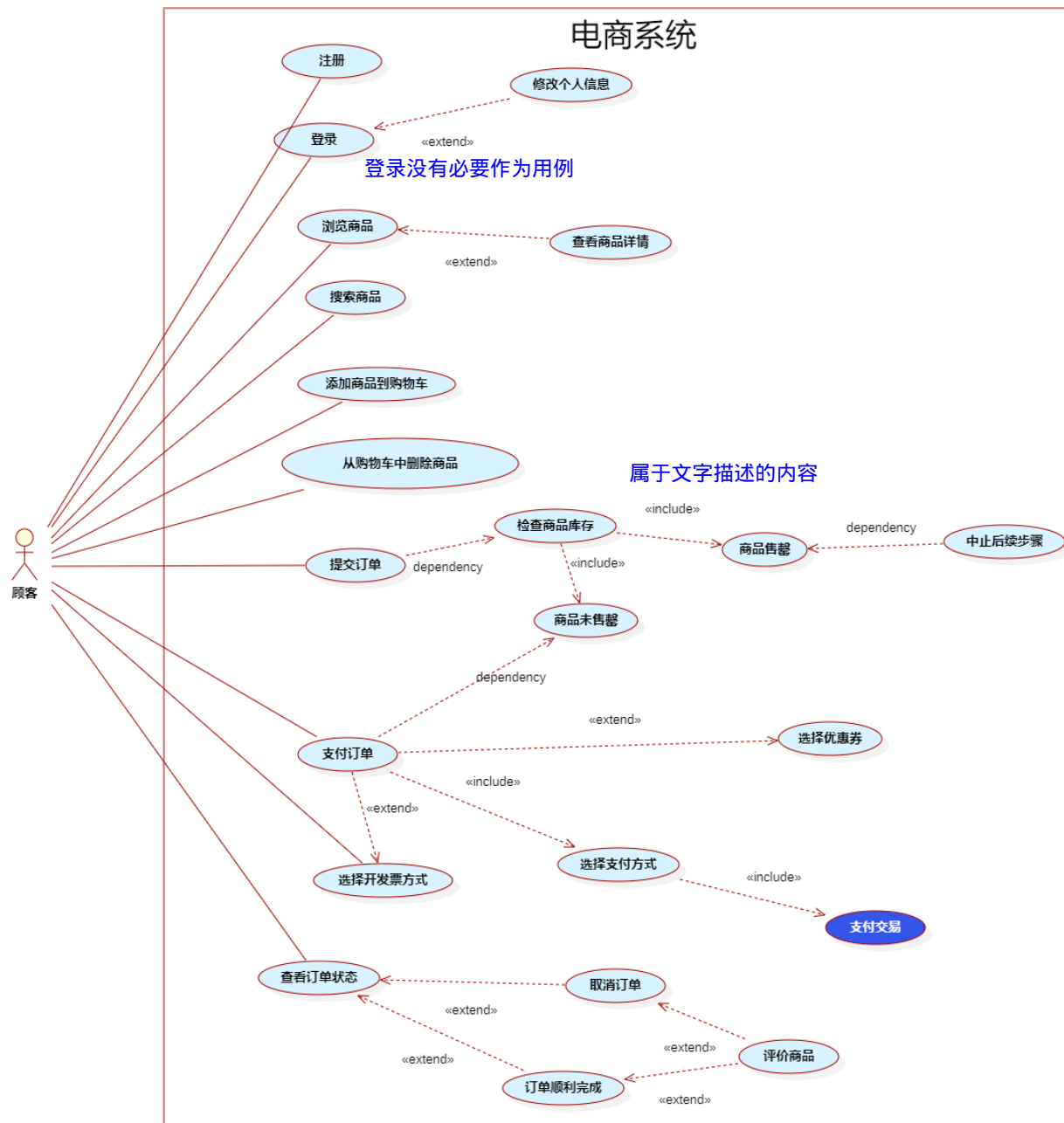


顾客四大需求：
商品、购物车、订单、售后

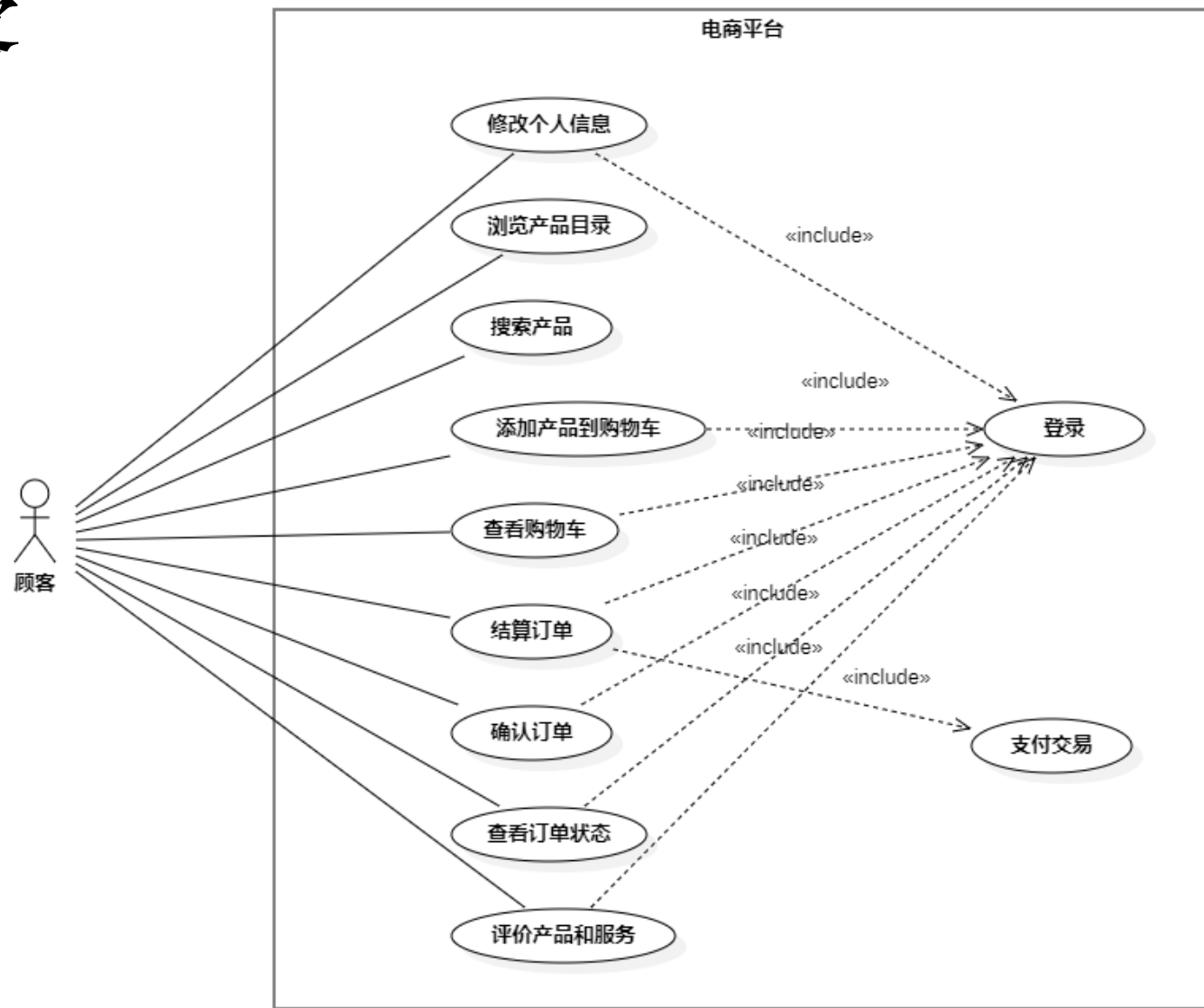
缺少售后模块



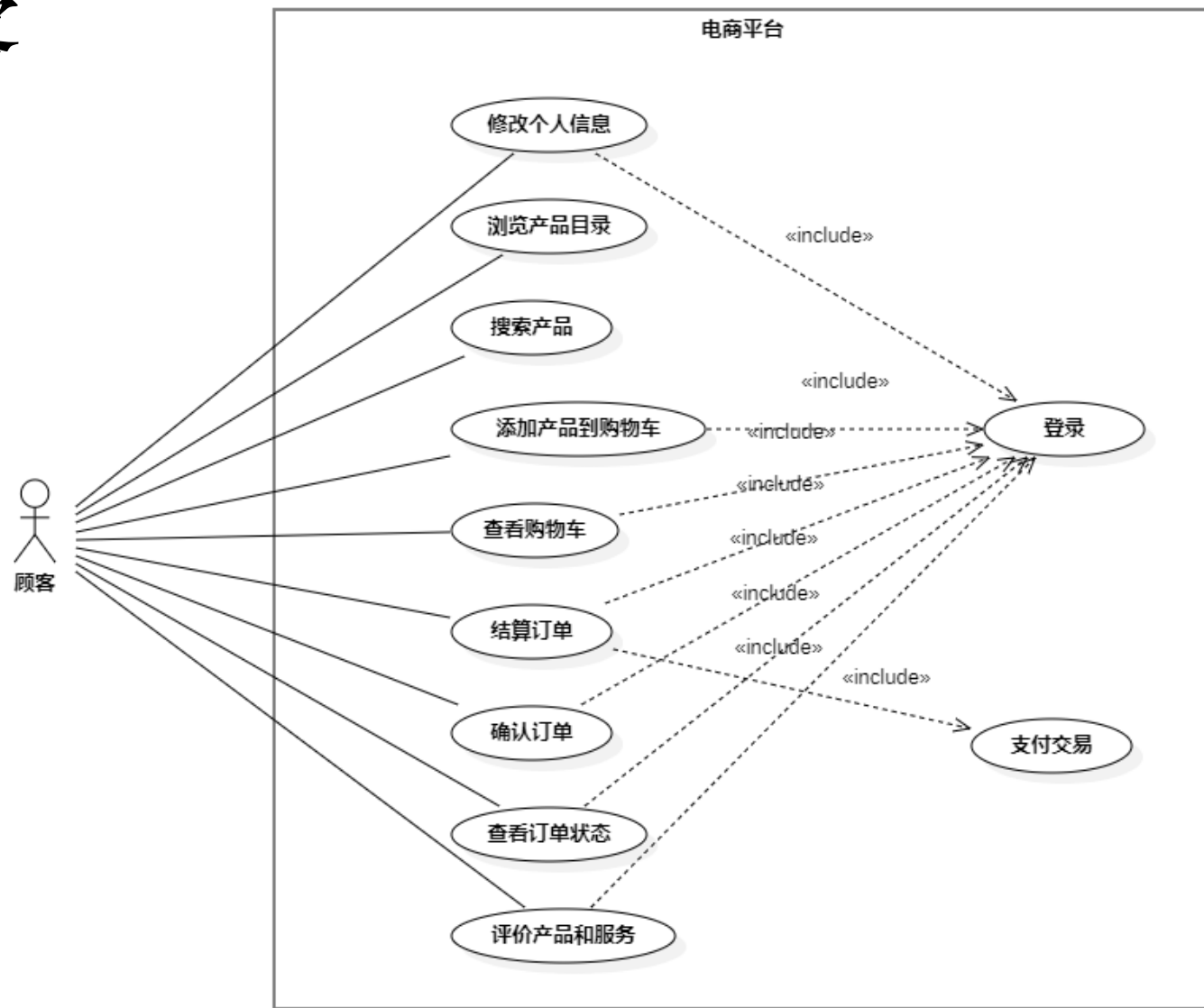
1.2 顾客 Customers



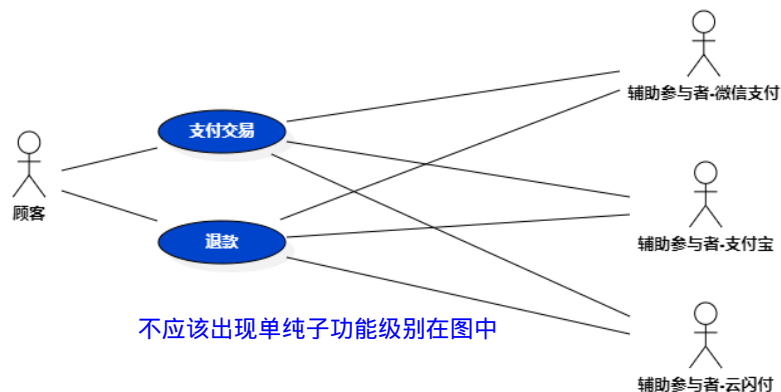
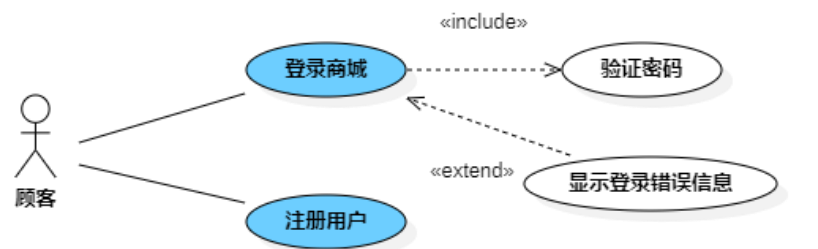
1.2 顾客 Customers



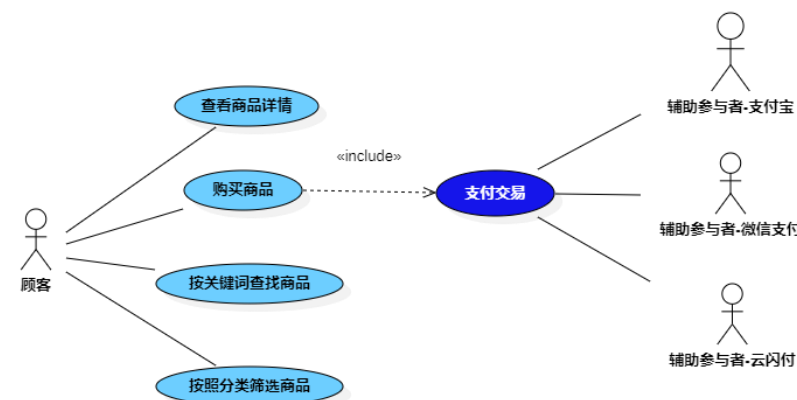
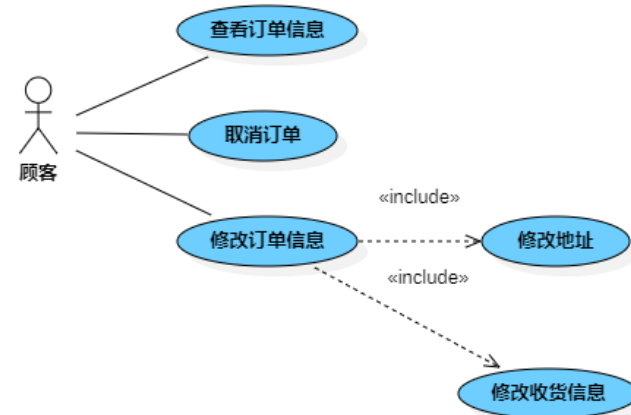
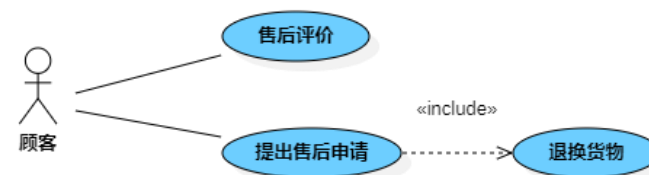
1.2 顾客 Customers



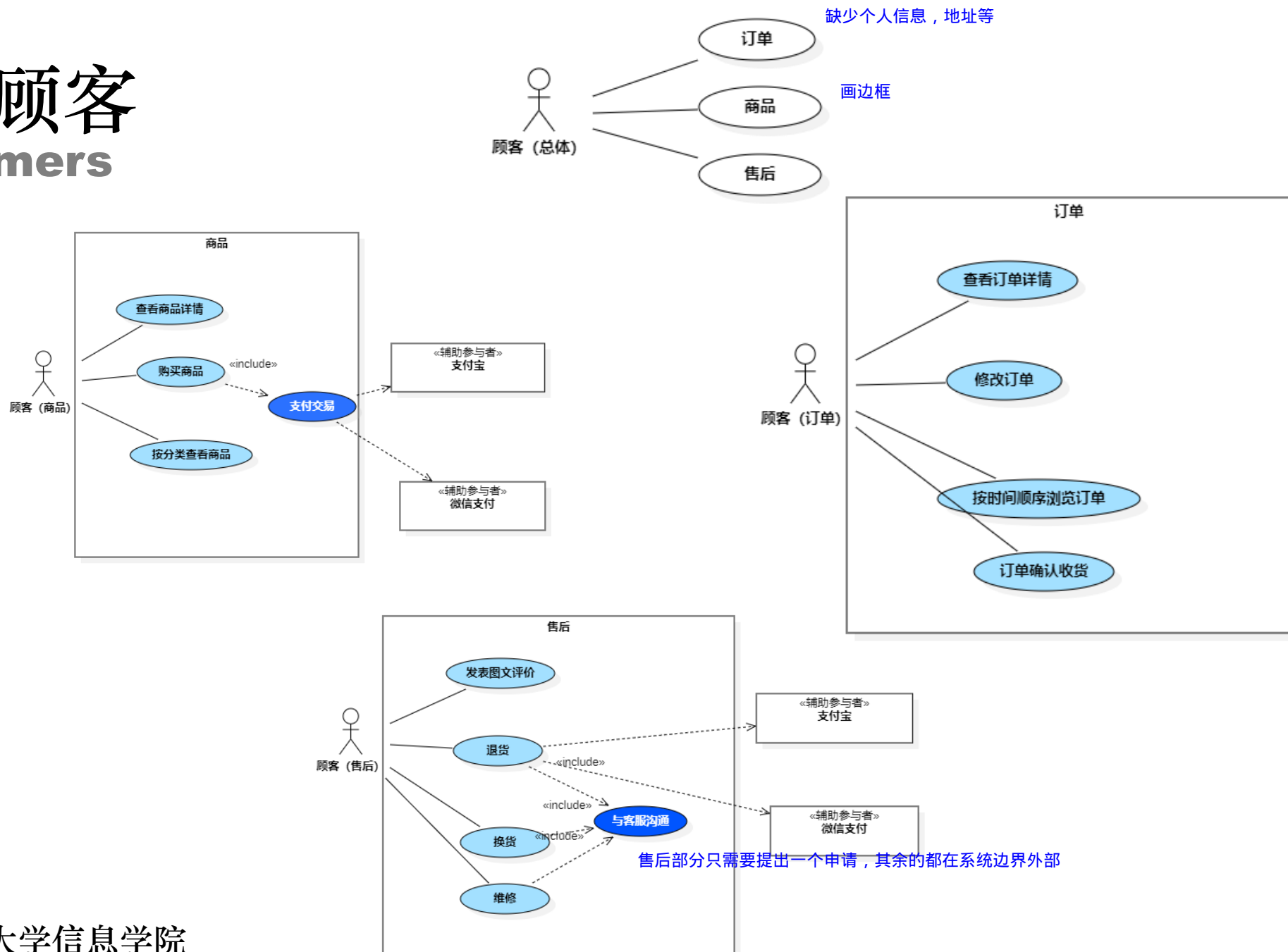
1.2 顾客 Customers



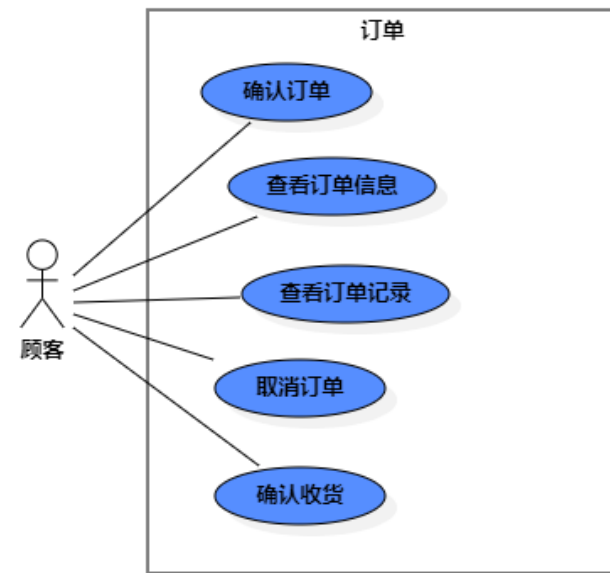
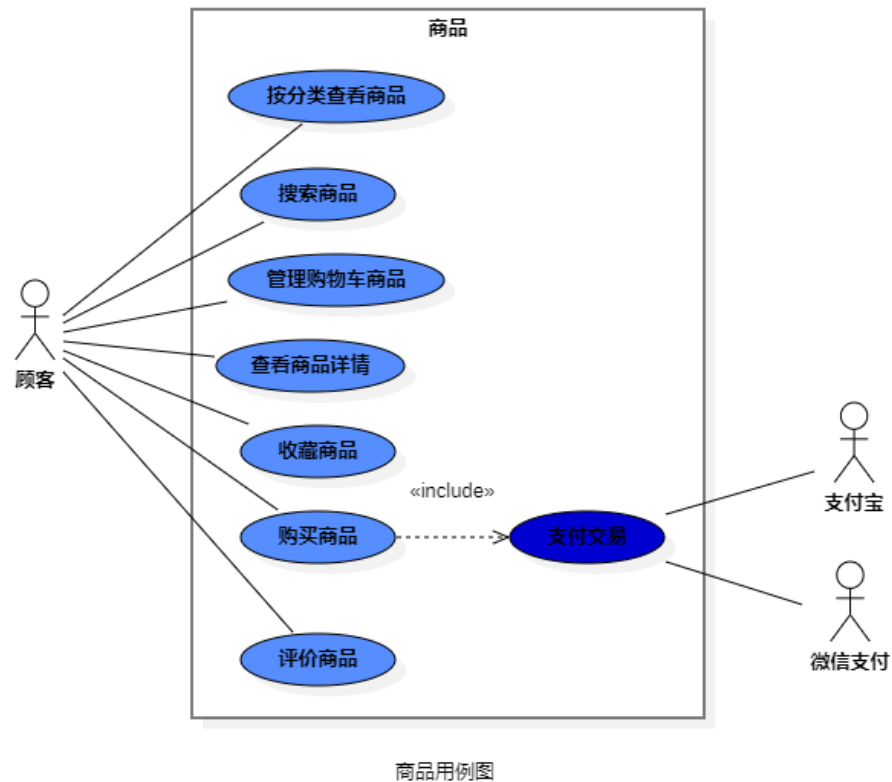
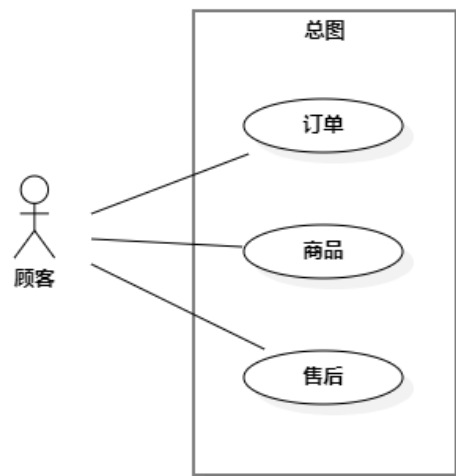
不应该出现单纯子功能级别在图中



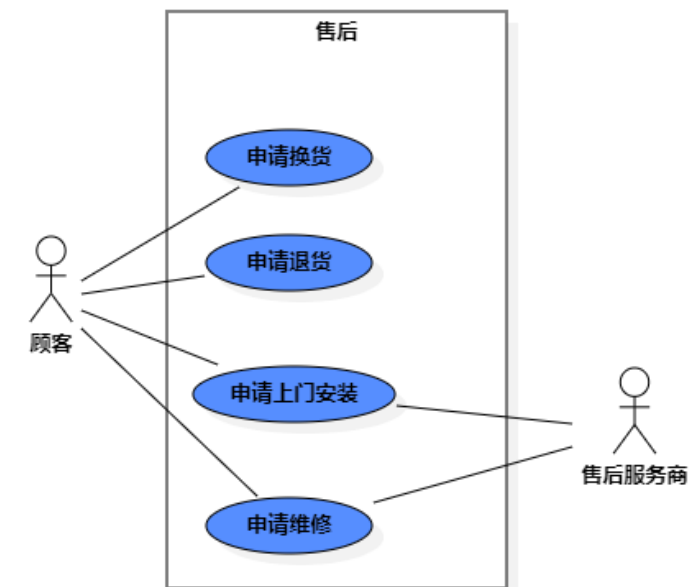
1.2 顾客 Customers



1.2 顾客 Customers



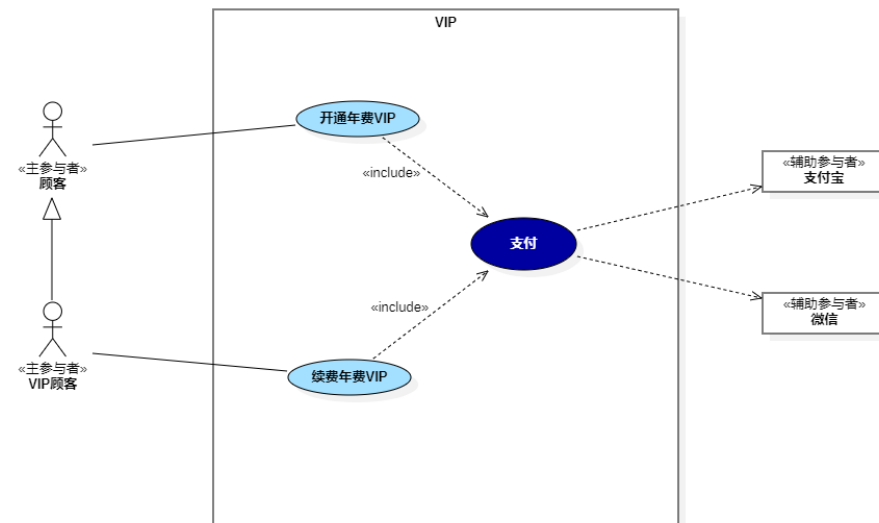
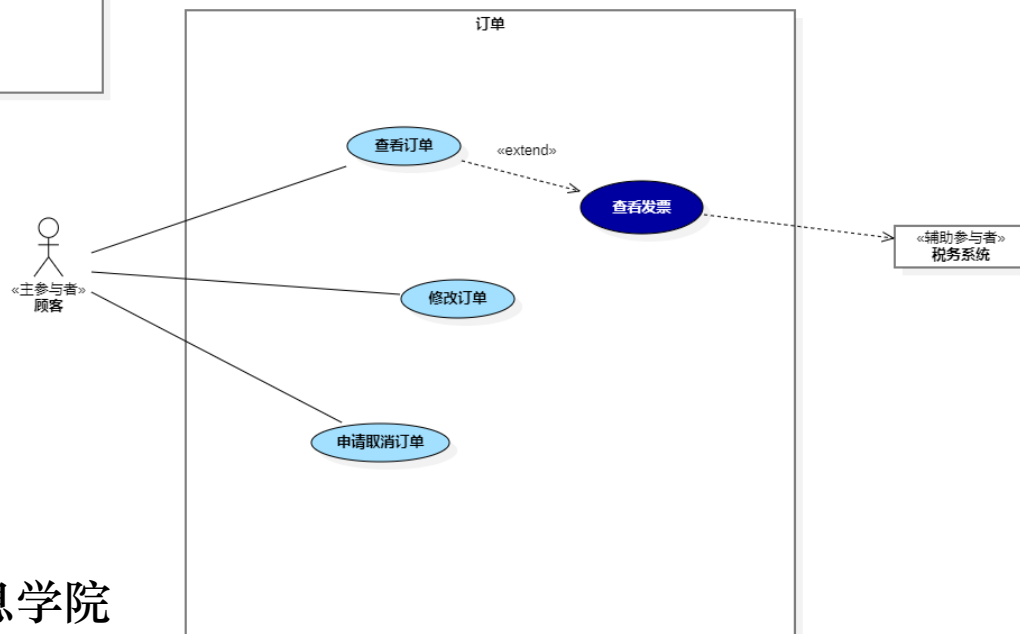
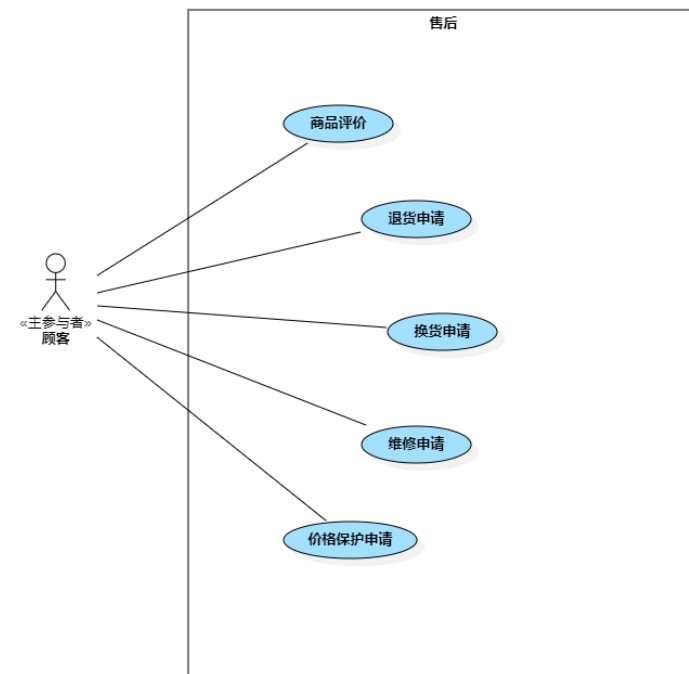
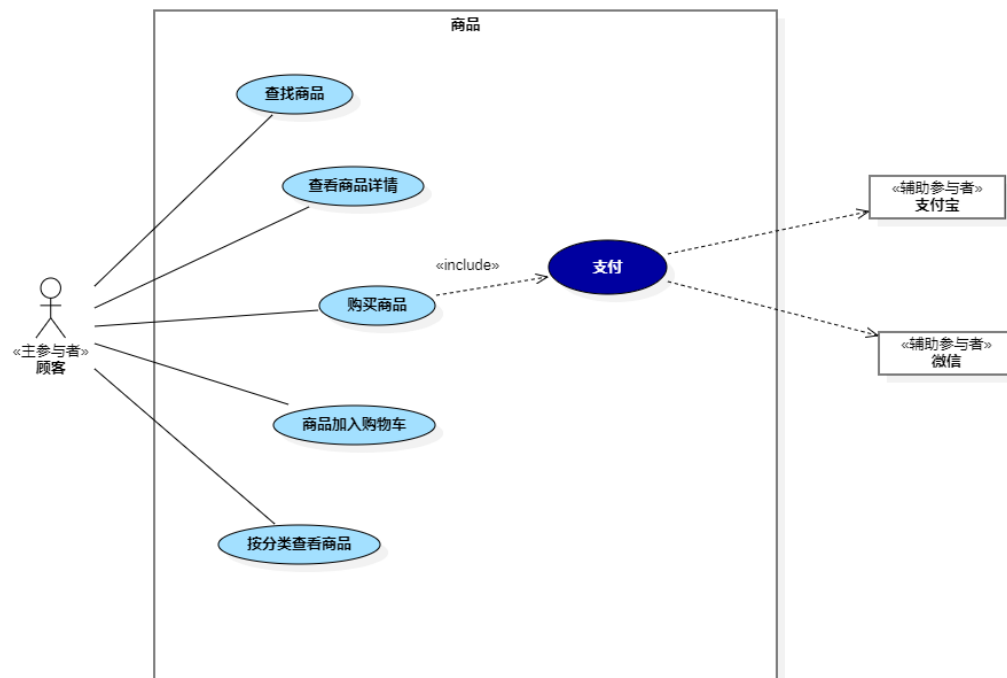
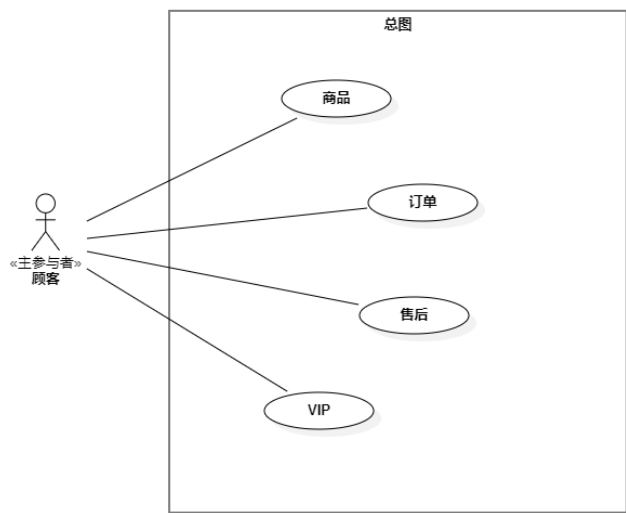
订单用例图



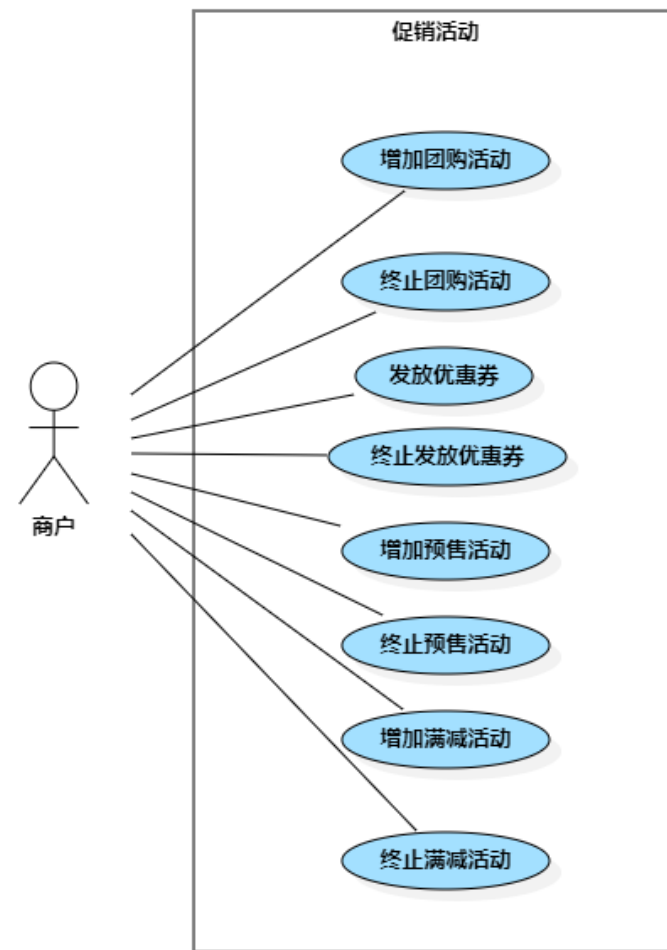
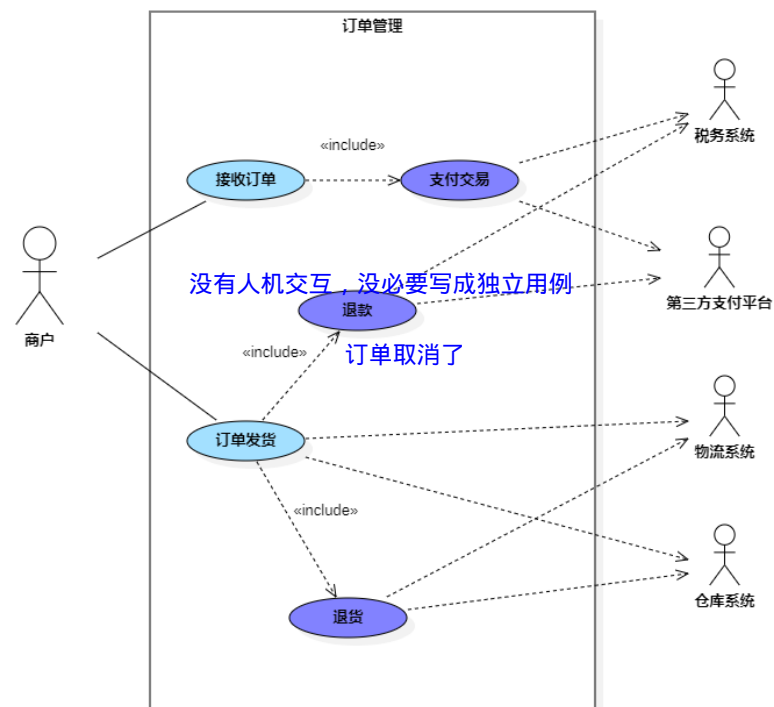
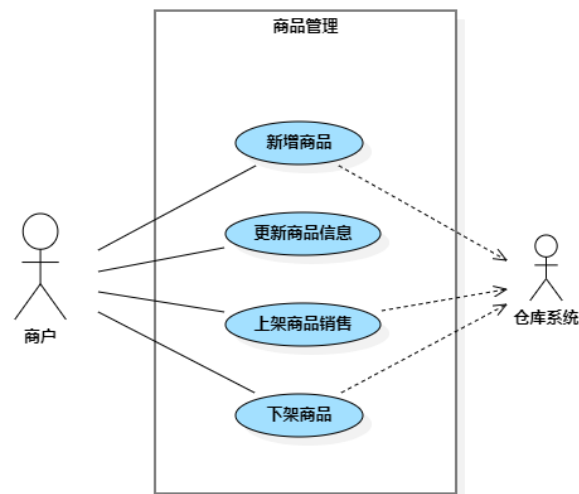
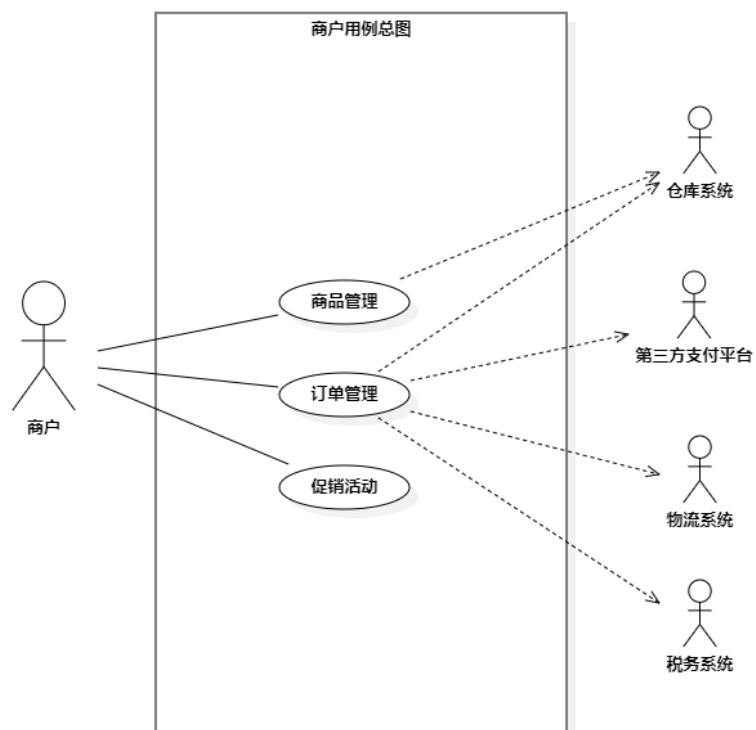
售后用例图



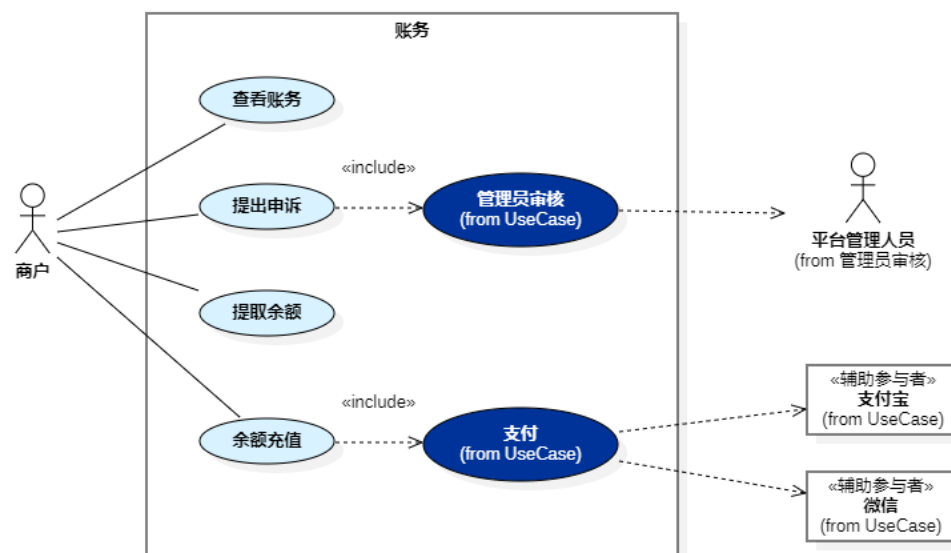
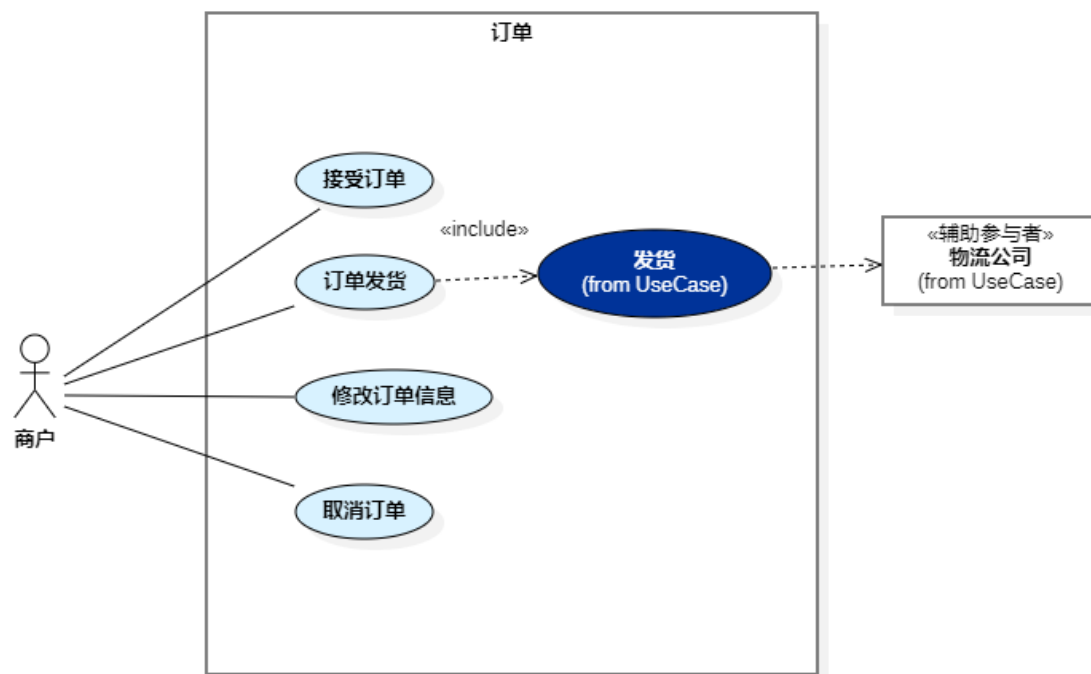
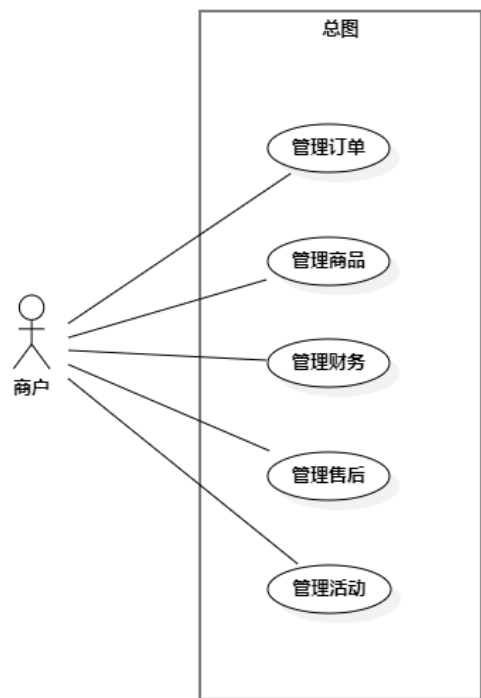
1.2 顾客 Customers



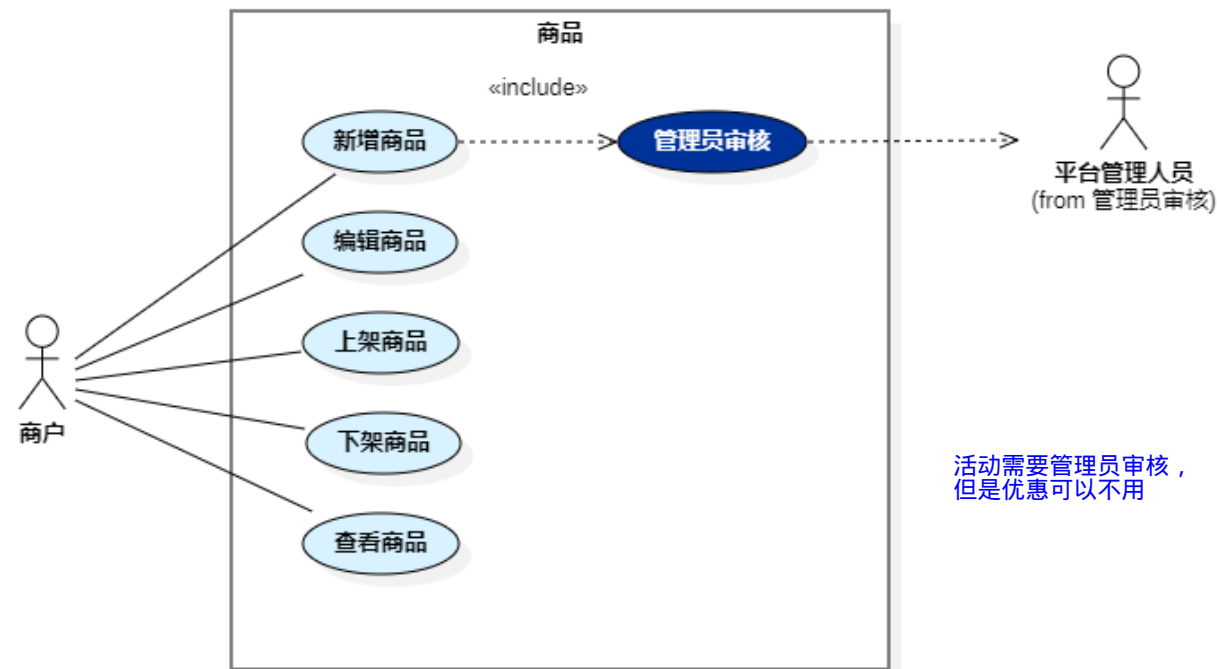
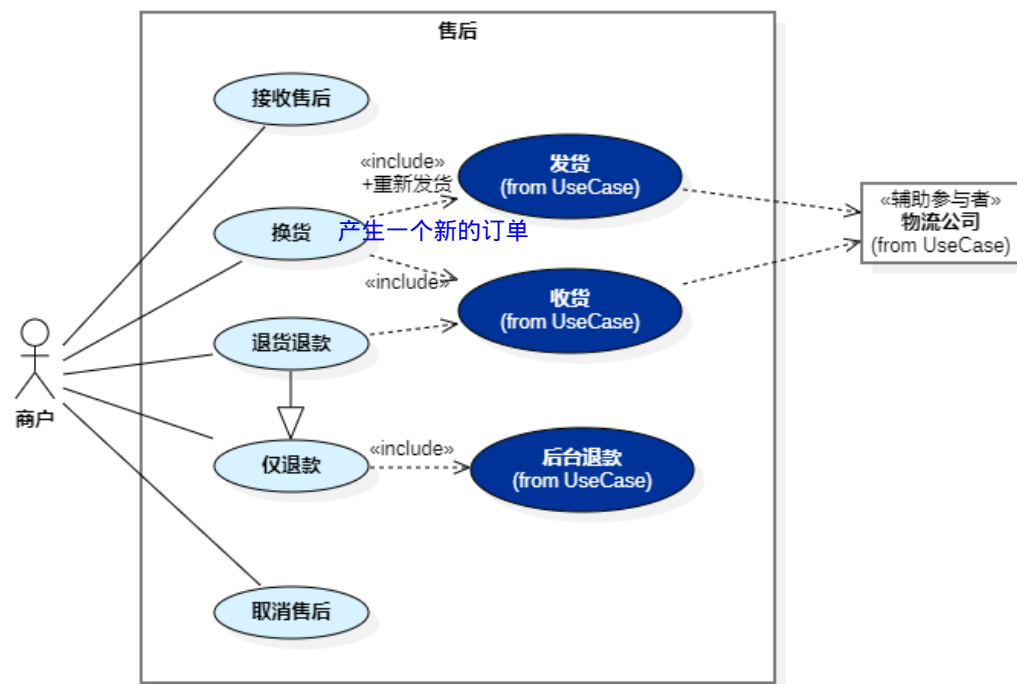
1.3 商户 Shop Staff



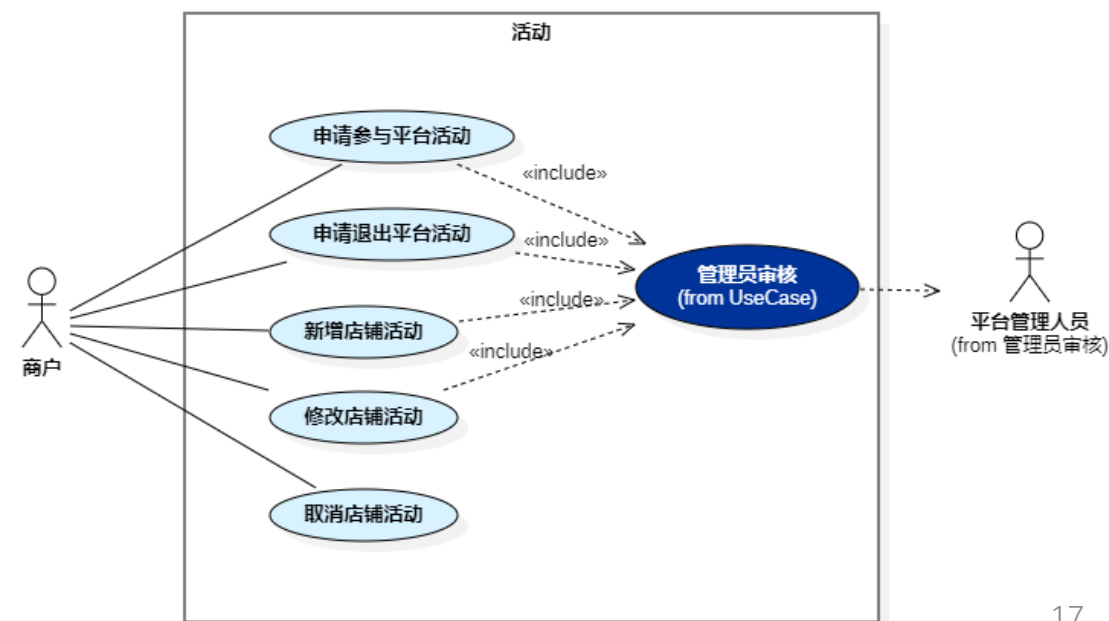
1.3 商户 Shop Staff



1.3 商户 Shop Staff

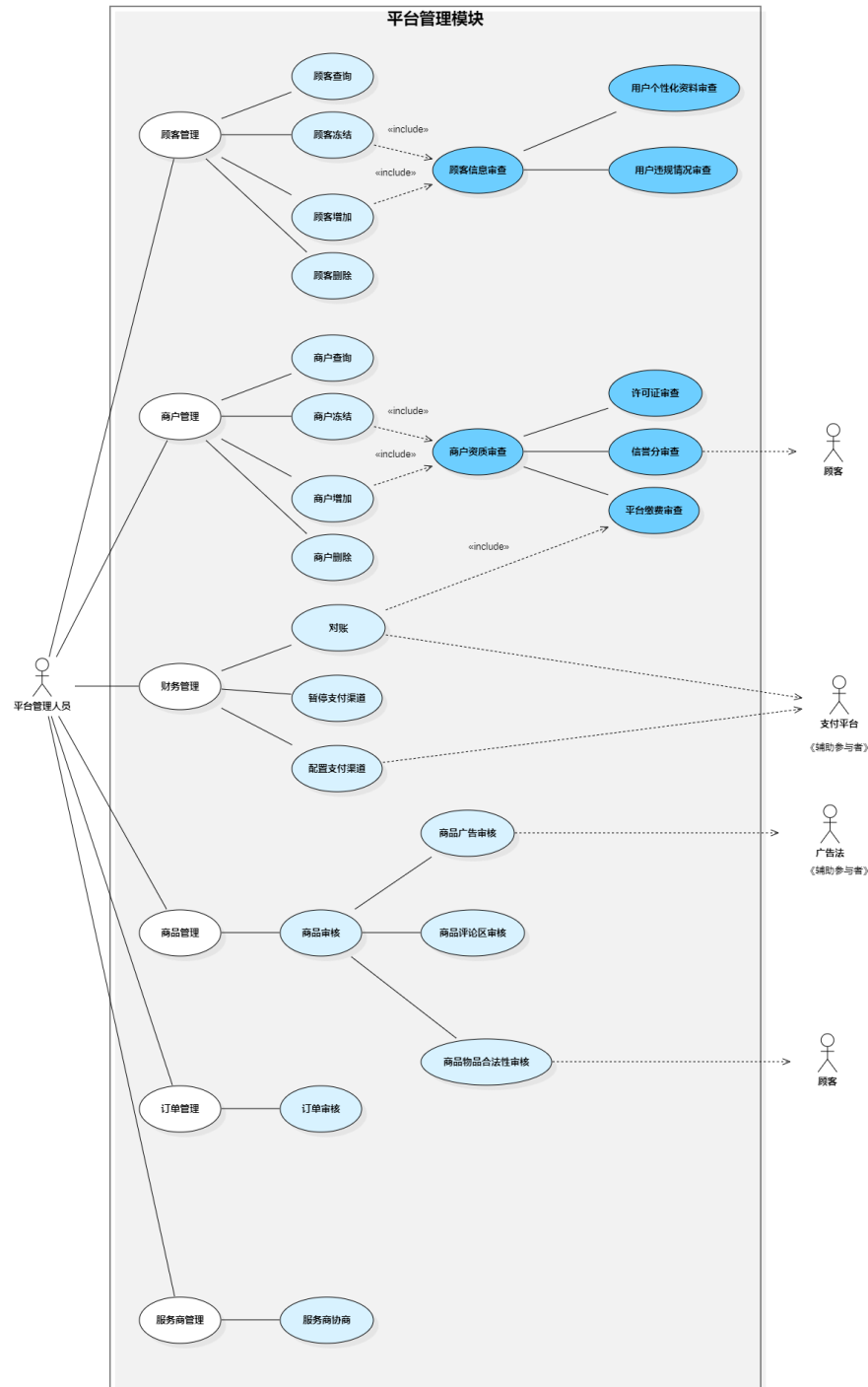


活动需要管理员审核，
但是优惠可以不用



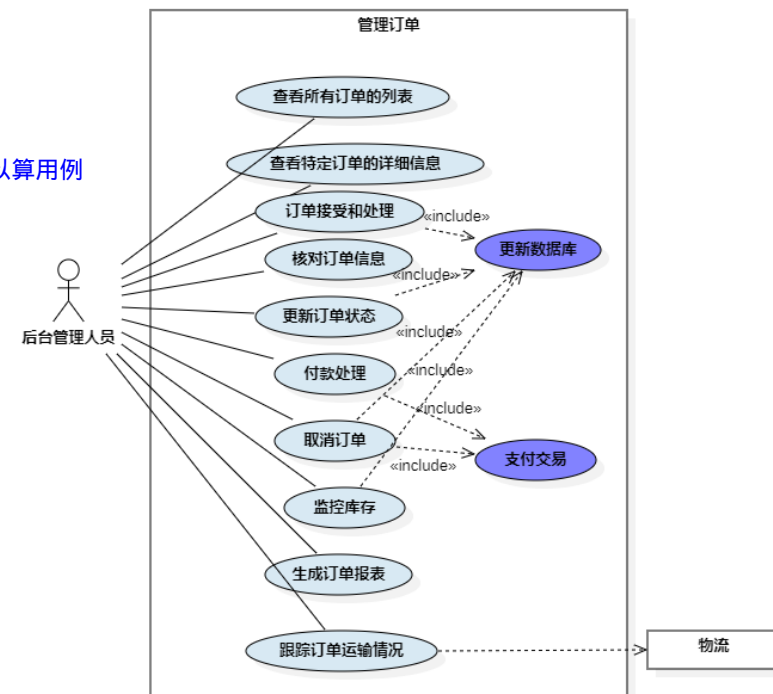
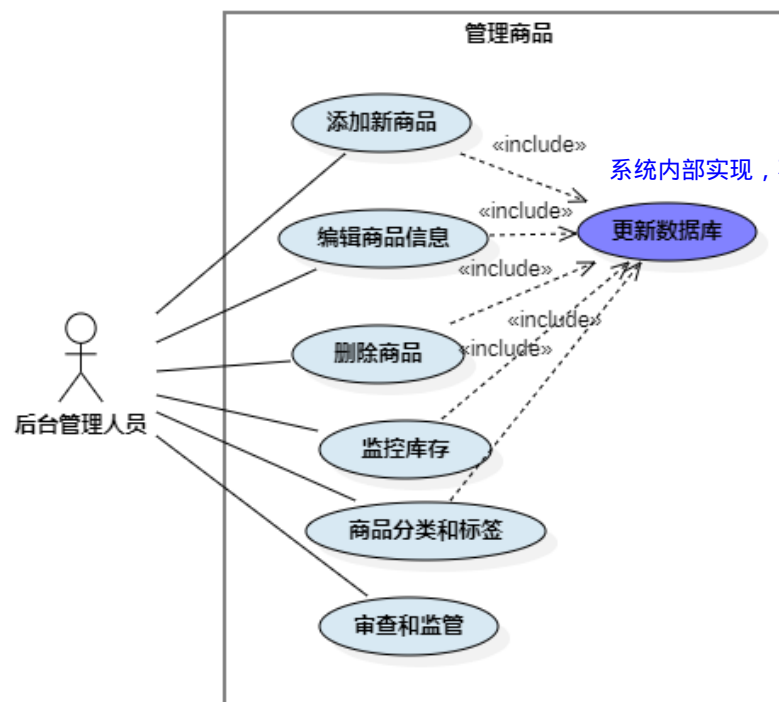
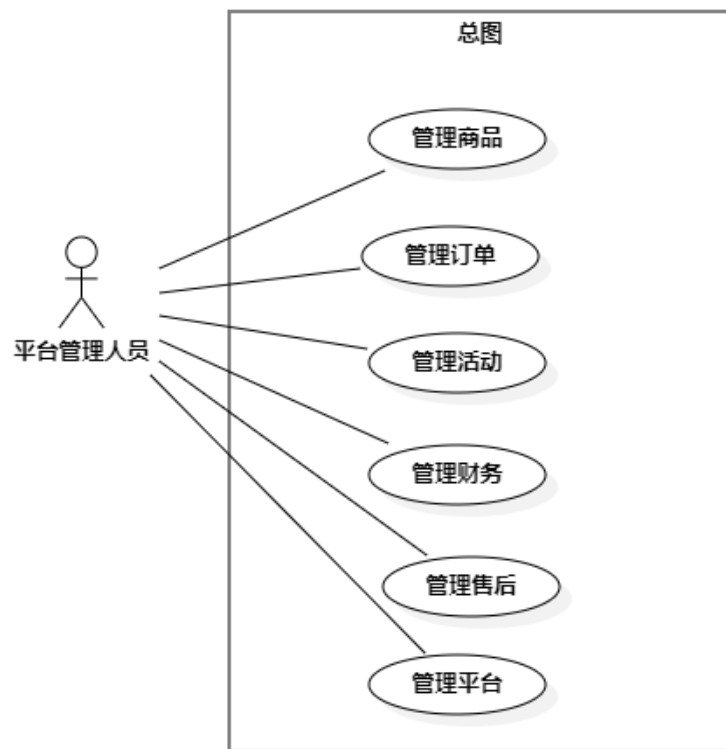
1.4 平台管理人员 Platform Staff

平台管理员不能增加商品，也不能删除、编辑，监控库存，只能审核商品

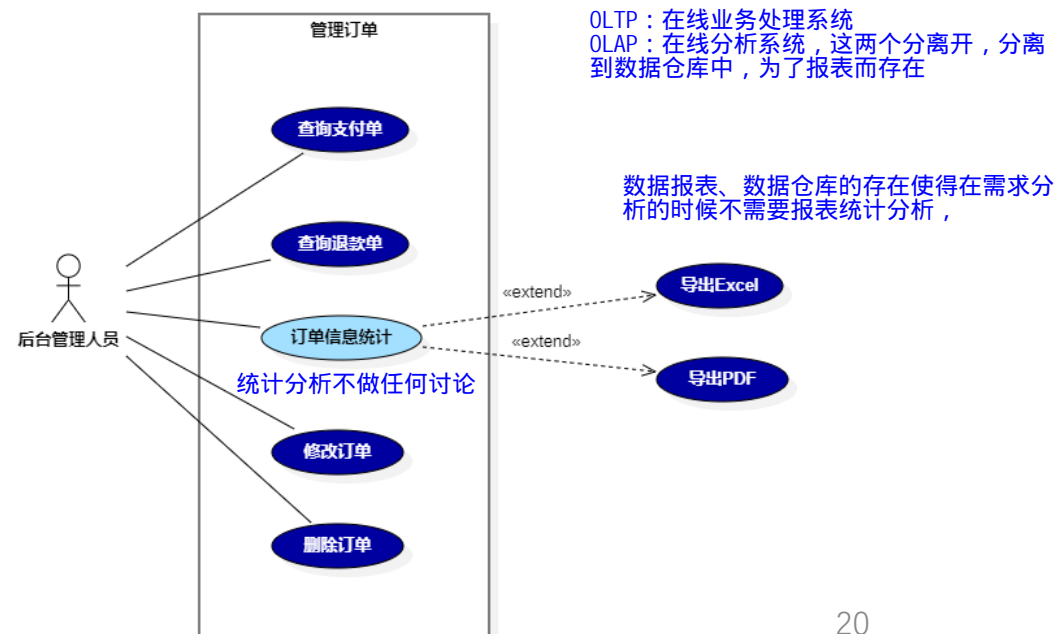
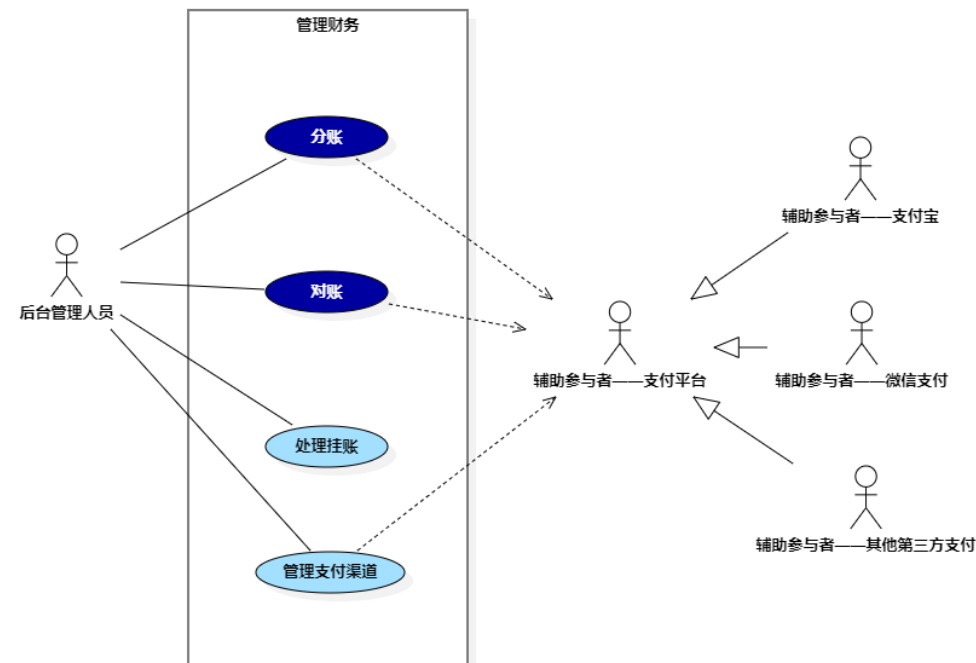
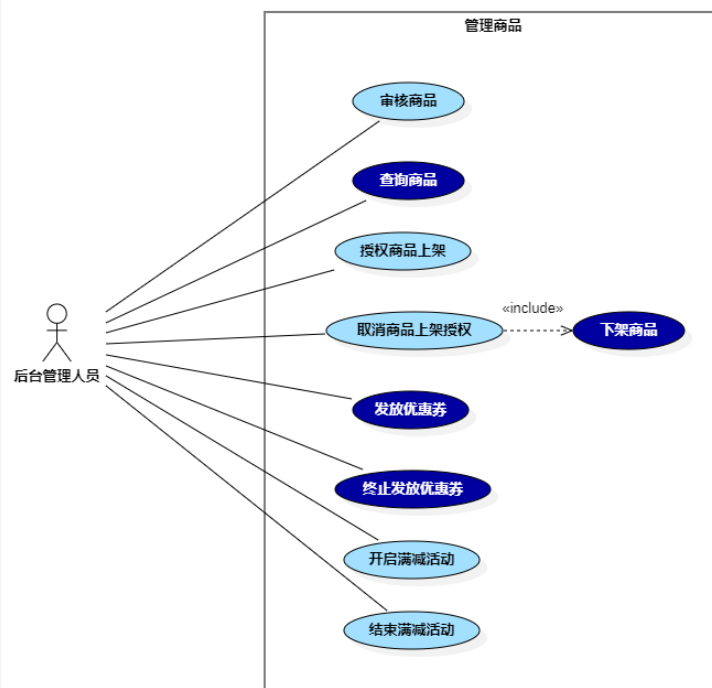
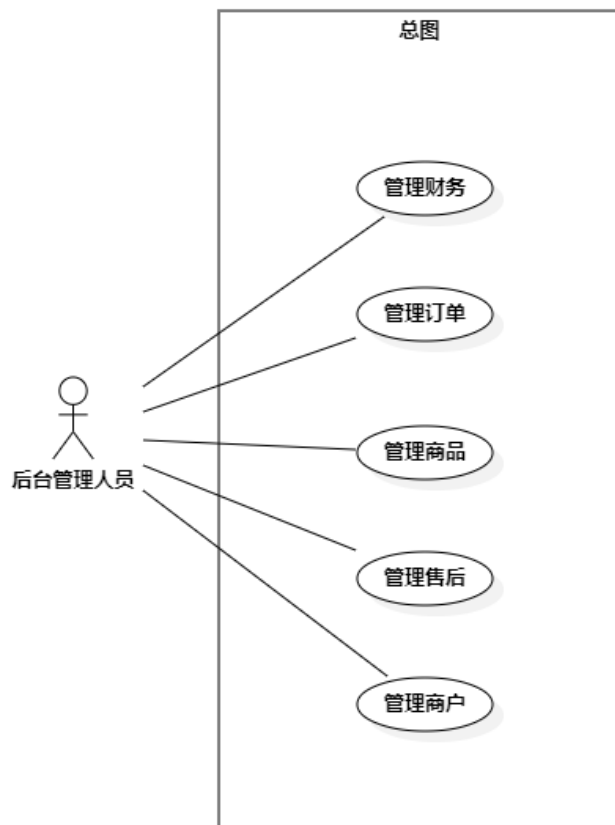


1.4 平台管理人员

Platform Staff



1.4 平台管理人员 Platform Staff



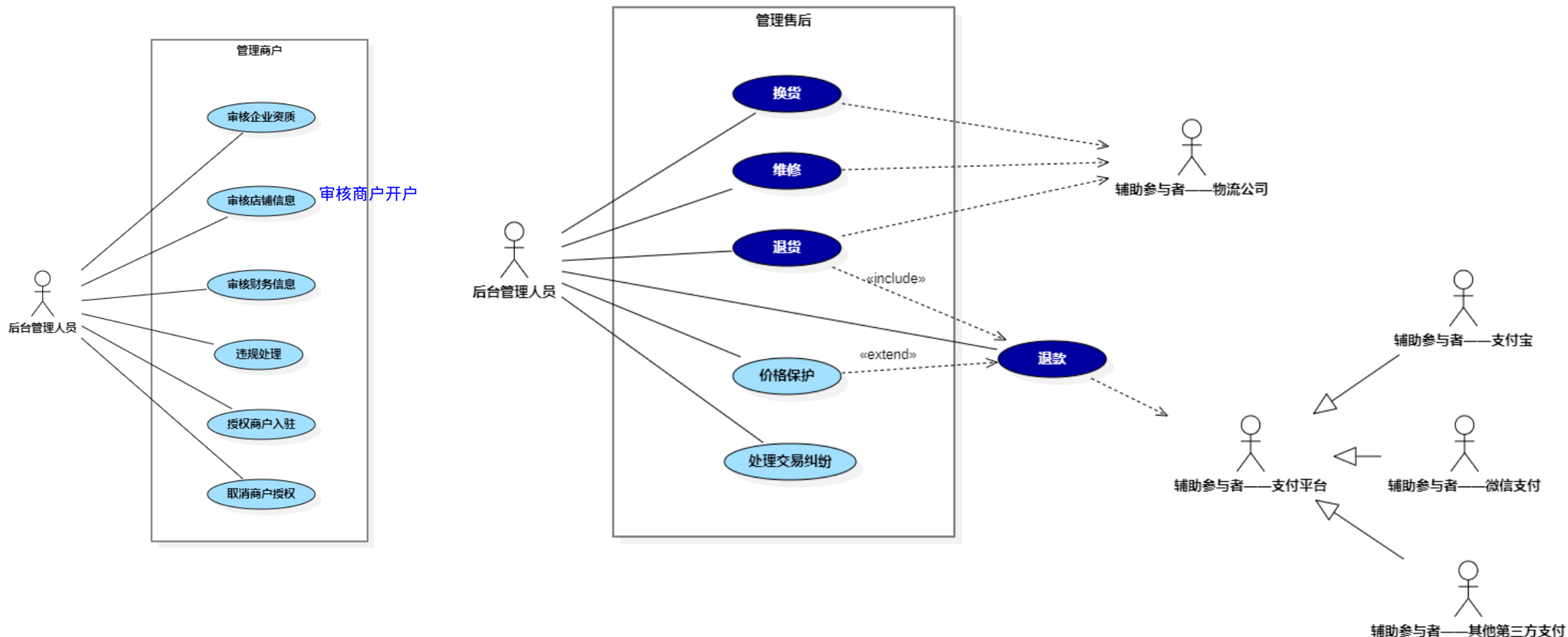
OLTP：在线业务处理系统
OLAP：在线分析系统，这两个分离开，分离到数据仓库中，为了报表而存在

数据报表、数据仓库的存在使得在需求分析的时候不需要报表统计分析，

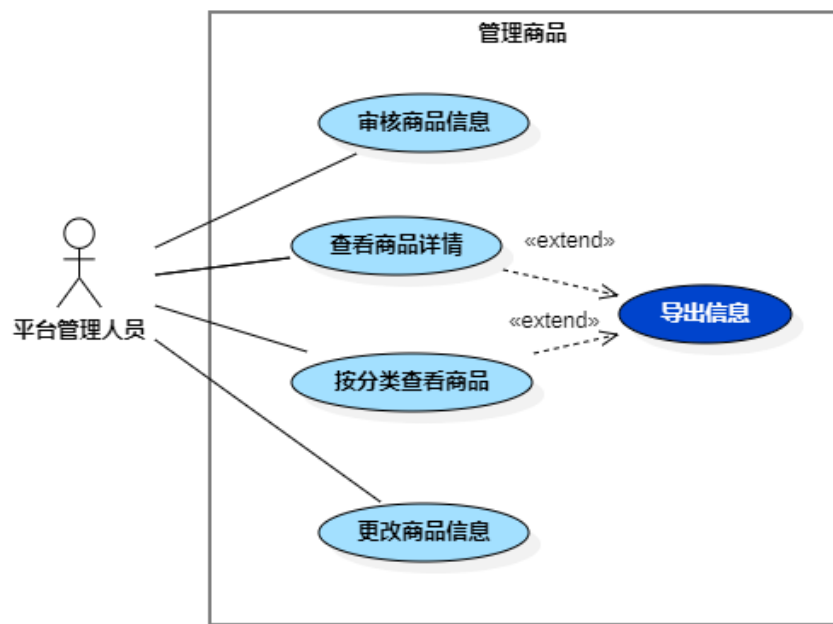
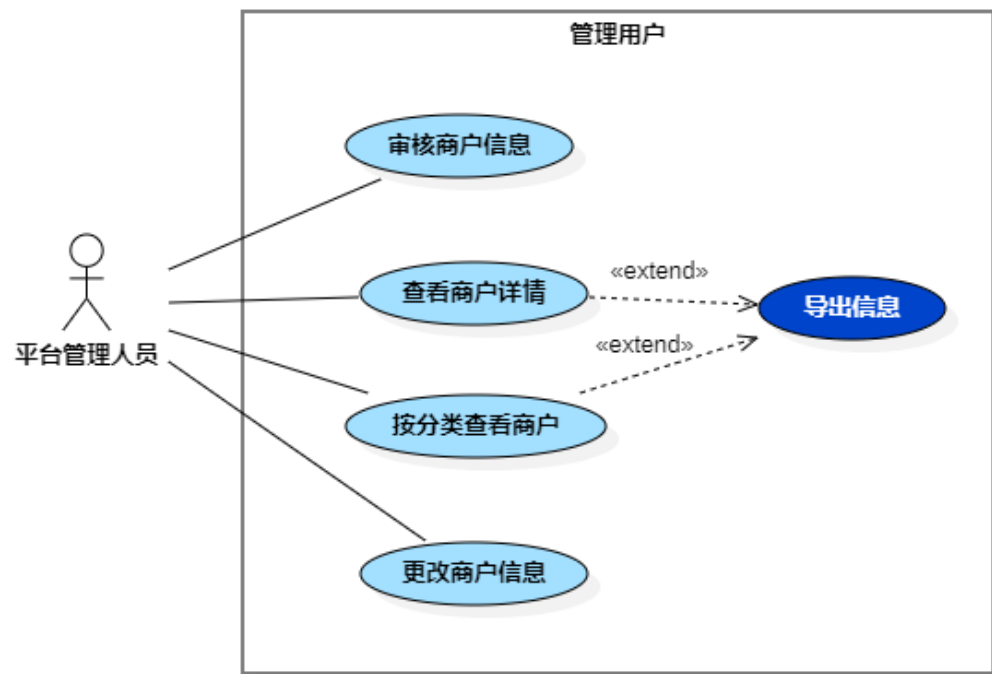
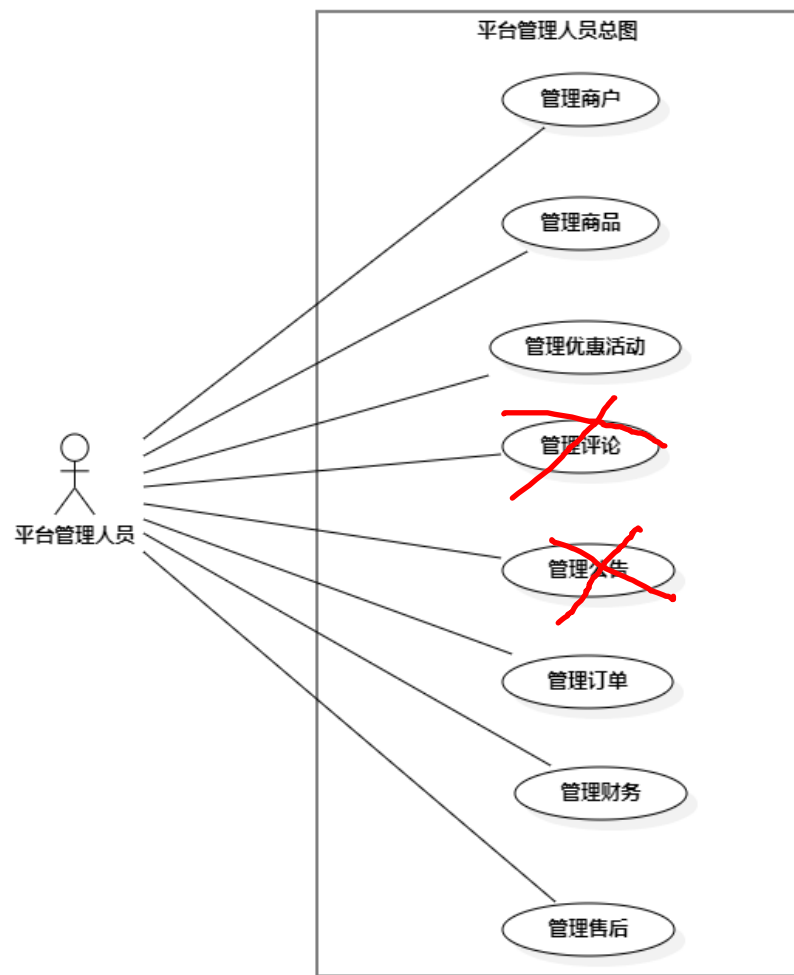


1.4 平台管理人员

Platform Staff

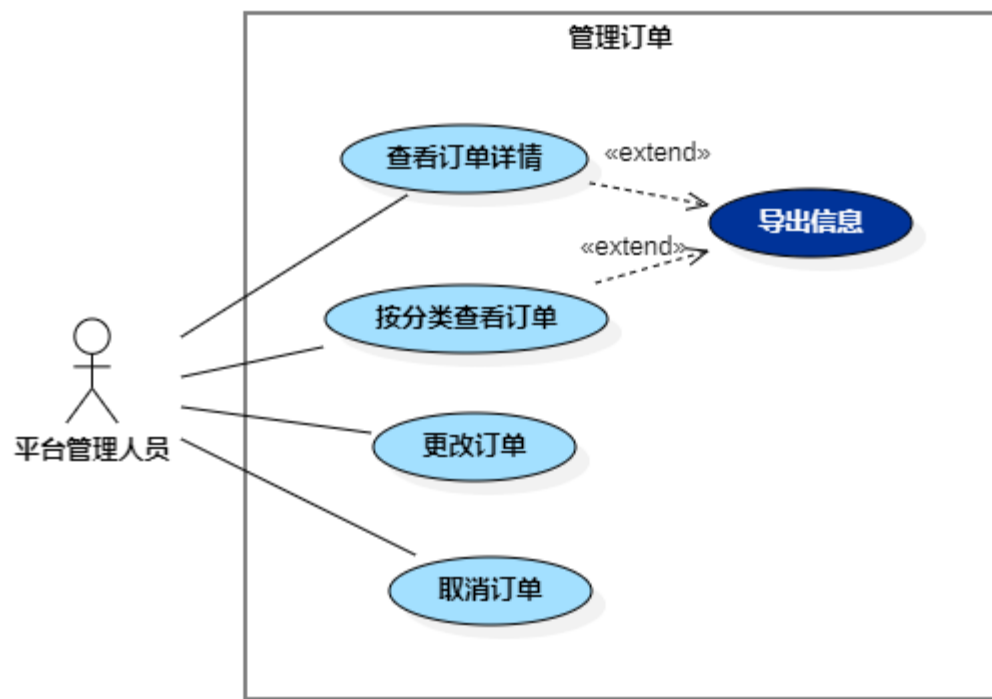
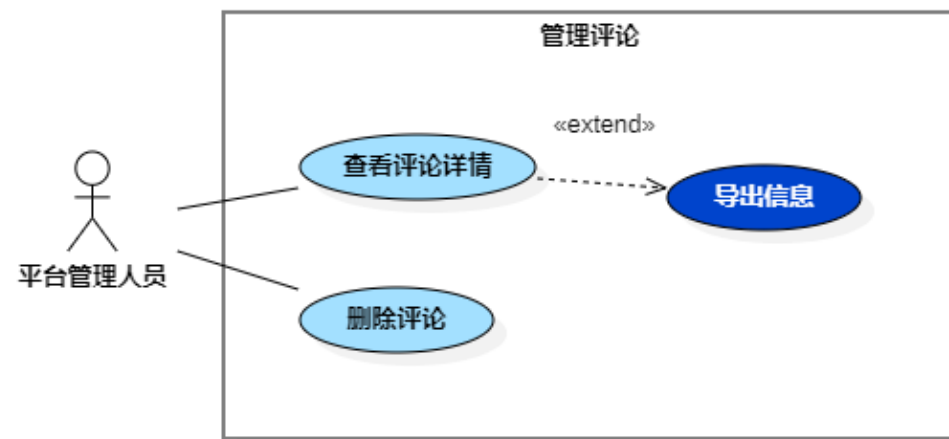
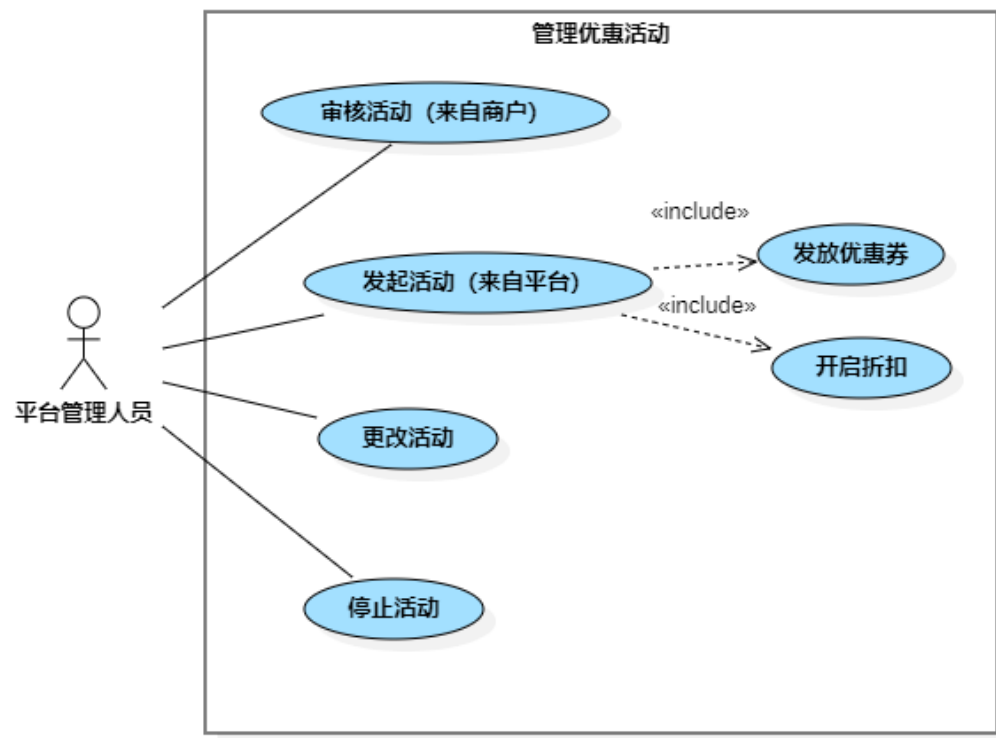


1.4 平台管理人员 Platform Staff



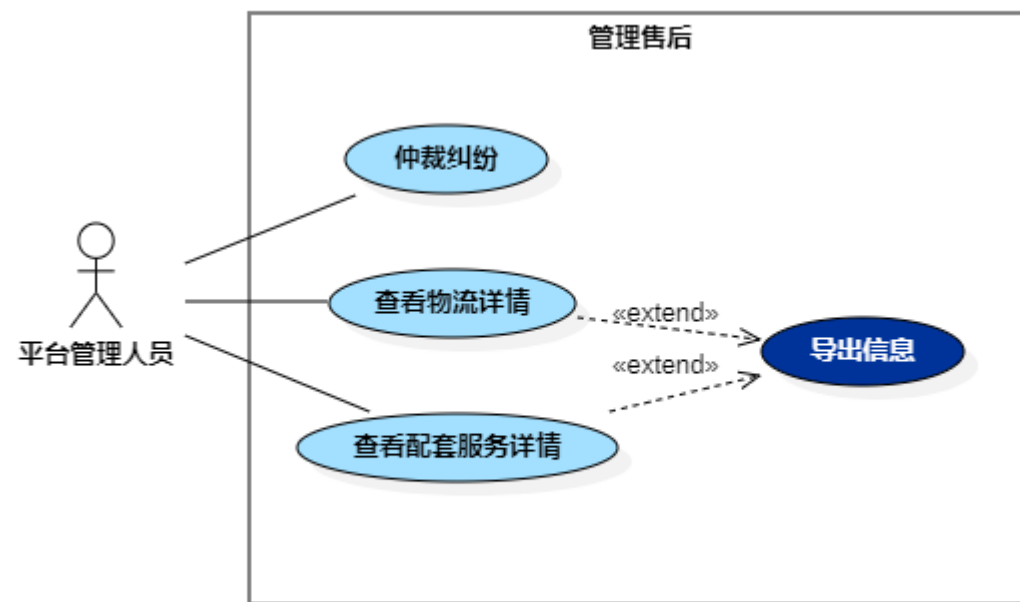
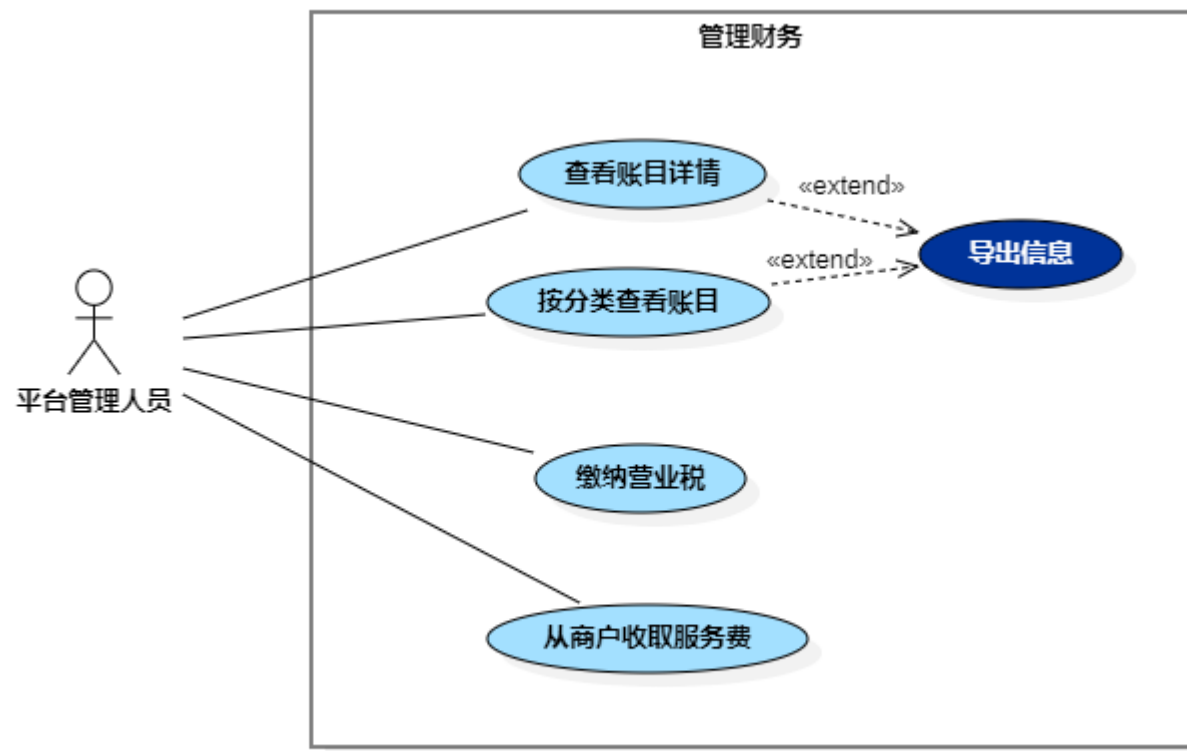
1.4 平台管理人员

Platform Staff



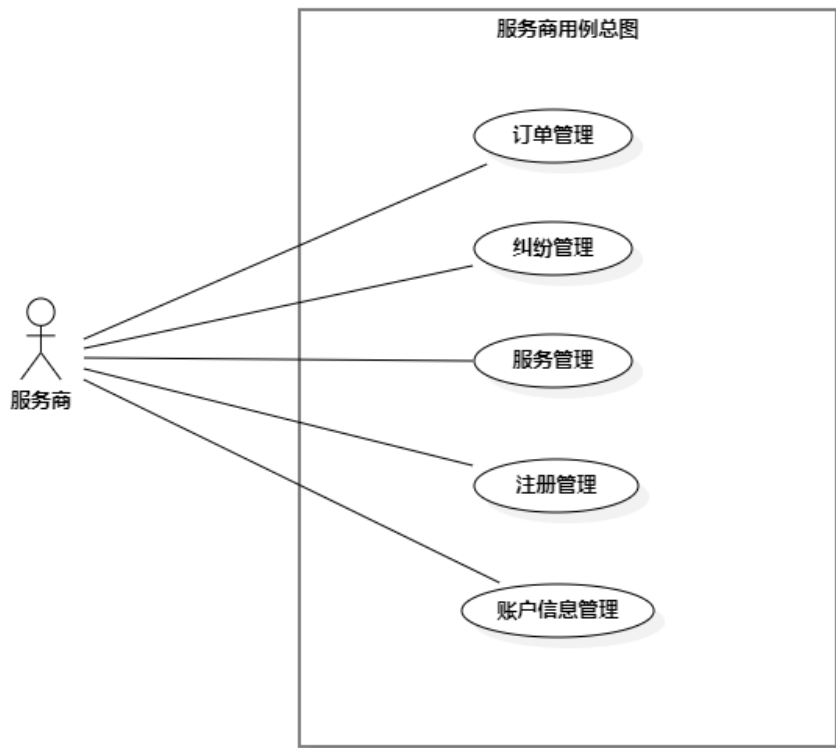
1.4 平台管理人员

Platform Staff



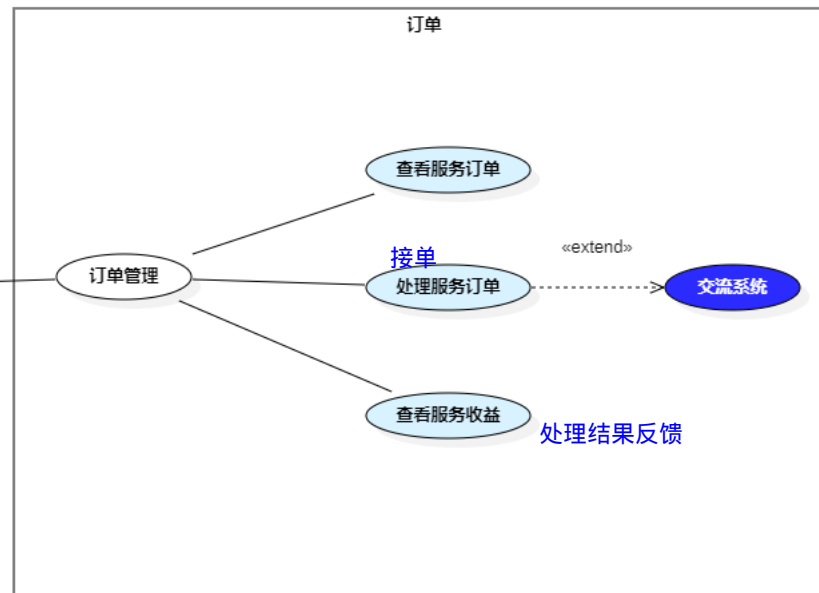
1.5 服务商 Service Provider

商户要选择一个商品的服务商



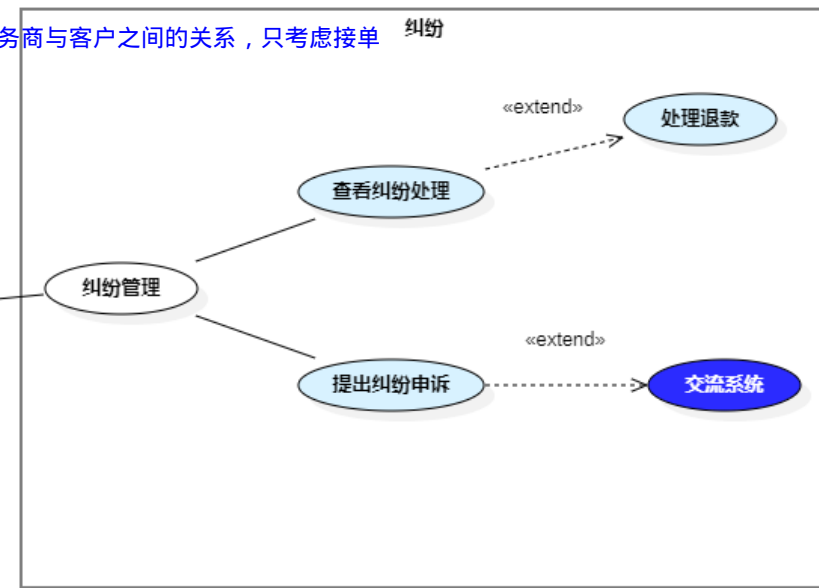
售前售后维修（服务单）

账户管理：服务的商品，服务的地点



不管服务商与顾客之间因为维修产生的费用

服务没有纠纷，不管服务商与客户之间的关系，只考虑接单 纠纷



1.5 服务商

Service Provider

