UML Class Diagram

externals

market `<<singelton>>`

delivery

payment

Store

user

user permitions

Store forum

inventory manager

Store notification manager

notification

purchase history `<<singelton>>`

product

discount

basket

shopping cart

purchase

conditional discount

hidden discount

visible discount

discount policy

Constrains:
1.there's only 1 system manager
2.notifications can be sent by broadcast to all users

notify

send

store

save all

Extends Extends Extends Extends

Architecture Diagram

Service Layer

- User Controller
- Store Inventory Controller
- Shopping Inteface
- System Administration Policy

Business Layer

- Purchase Details
- Shopping Cart
- User Managment

  * Including Login, Logout, Registeration

- Products Managment
- Store Managment

Market

External Components

- Payment Service
- Security
- Supplier/Delivery Service