Facade- this is where all the commands get assigns, meaning- his job is to interact with the client code and the subsystems and its used for comfortable interface

User controller- component that handles input and coordinates actions within a system and manages user objects

Guest – someone who uses the system but isn't registered meaning his actions will be limited

Member – someone that uses the system and is registered meaning he have more options and actions (open store, saving shopping cart etc.)

Store owner – registered user who owns a store.

Store creator- registered user who created the store.

Store manager- registered user who manages the store.

Shopping cart- collection of product baskets that a user\guest is interesting to buy.

Basket- collection of products that a user\guest is interesting to buy.

Supplement system- external service that provides products for the store in the system.

Payment system- external service that handles the payment for the store in the system.

Purchase policy- rules to describe the purchasing options- min/max quantity, whom allowed to buy etc.

Discount policy- rules to define options for cheaper price for a product/purchase.

History- saves the former orderings.

Bid- buyer applying a bid for the product the bid can be accepted or rejected

Instant buy- the buyer pays the exact price of the product

Auction- as long as the selling is still open a buyer can offer a new bid higher than the current bid

Lottery- Buyers can purchase a chance to win the product, provided that the total of their bids does not exceed the price of the product.

Visible discount- built from discount percentage and duration can be applied to one product or group of them.

Conditional discount- built from discount percentage, duration, and conditions that's the buyers need to hold.

Hidden discount- built from discount percentage, duration and discount code only if the code is valid and the buyer will supply it he'll see the price after discount.

Permission- defines what is allowed for a client in a specific store.

AppHistory- for every store saves the appointments history and hierarchy.