Glossary

1. **Auction -** In this type of sale, the biggest bidder for the product is the one who will buy it, for the same amount he offered

2. **Basket -** Will hold on-site buyer products for a specific store. For a buyer, there is a specific basket for each store.

3. **Cart -** Keep a collection of baskets for an on-site buyer. Each buyer has one cart.

4. **Conditional Discount -** Consists of the duration of the discount, the percentage of the discount and the discount conditions. Defines conditions that the buyer must meet to receive the discount.

5. **DiscountPolicy -** Defines who may receive the discount, for which products and under what conditions, at the time of purchase by a store buyer

6. **DiscountType -** divided into three types of discounts (visible, conditional and hidden discount) and defines how the discount is expressed for any product.

7. **GuestUser -** Initial status of a user who has not yet signed-in as a registered user.

8. **Hidden Discount -** The discount rate consists of the discount percentage and the discount code. This discount is hidden from buyers and will only be seen if you enter a correct code.

9. **Immediate Purchase -** The user is required to pay the amount of the product immediately.

10. **Lottery Purchase -** Various buyers are bidding for the product. If the total bids reached the product price set in the first place, the product will be sold in the lottery when the buyer has a chance of winning the lottery according to the size of the offer it submitted.

11. **PaymentCollection -** External Payment collection system. Responsible for the transfer of payments between buyer and seller.

12. **Product -** Anything a store sells.

13. **PurchaseManager -** Linking the trading system with the external services provided, payments and deliveries.

14. **RegisteredUser -** An existing user in the system who has logged into the system. Any user who is not a GuestUser

15. **SalePolicy -** Defines who is allowed to buy products at the store which are the possible purchase routes and what rules apply to them

16. **SaleType -** Divided into 3 types of buy, immediate purchase, auction and lottery purchase

17. **Seller -** Seller of some store. Can be either the store owner or store manager.

18. **Shipment -** External Shipment collection system. Responsible for the deliveries between buyer and seller.

19. **Store -** Owned by a store owner. holds a stock of products.

20. **StoreManager -** Appointed by the store owner and given him permissions to perform shop operations.

21. **StoreOwner -** Also functions as a store manager, may be the one who opened the store but can also be appointed by another StoreOwner. Gets all possible permissions.

22. **StoresManager -** Service-Layer interface to perform Logic in the system.

23. **SystemInitializer -** Responsible for booting the system, creating an instance of the TradeSystem.

24. **SystemManager -** A RegisteredUser that is role is to address buyer and seller inquiries to maintain fair trading through the system and to maintain proper operation

25. **TradeSystem -** The general trading system that connects all factors, when functioning properly, the trading system is open.

26. **User -** The parent class of all types of users holds the features that are common to all users.

27. **UserManager -** Service-Layer interface to perform Logic in the system.

28. **Visible Discount -** Consists of a discount percentage and a discount duration. Buyers see all the details of the product and discount including end time and price without discount.