**Glossary**

* **Admin -** the system’s head User. In charge of keeping operations intact.
* **Appointment -** the process of appointing a User to become a StoreManager or StoreOwner.
* **Basket -** Will hold buyer’s products for a specific store. Every buyer has a specific basket for every given store.
* **Cart -** Keep a collection of baskets for a buyer. Each buyer has one cart.
* **CompositeDiscount -** Defines a discount composed of several other discounts and a logic operation. Is applied upon condition of other discount predicates. For example using logic operation and: if user buys has 20 percent discount on diapers and 10 percent on baby wipes user can receive an additional 20 percent discount.
* **ConditionalProductDiscount -** Defines a discount that is applied to a product upon the condition that the user is buying a certain amount of another product.
* **ConditionalStoreDiscount -** Defines an additional discount that is applied to a store when a user’s basket price surpasses the defined amount.
* **DiscountPolicy -** Defines who may receive the discount, for which products and under what conditions, at the time of purchase by a store buyer
* **DiscountType -** defines how the discount is expressed for any product.
* **Inventory -** a list of products and their quantities. Each store upholds its own inventory.
* **PaymentSystem -** External Payment collection system. Responsible for the transfer of payments between buyer and seller after a transaction is made.
* **Product -** Anything a store sells.
* **Purchase-** An object representing a store-user transaction. It will include, among other things, user information, store information, products in the transaction and the transaction serial number.
* **PurchaseProductPolicy -** Defines a constraint applied to a specific product in the store when the user buys it.
* **PurchaseStorePolicy -** Defines a constraint applied to a store when the user purchases from the store.
* **PurchaseCompositePolicy -**Defines a constraint applied when a user purchases products from a store. The constraint is composed of other policies defined above.
* **RegisteredUser** - An object that represents a user with existing information in the system, that is, a user who went through the registration process. This type of user has unique behaviors and can include becoming an administrator, store manager, store owner and more.
* **Registration -** the process of adding a User to the system.
* **SalePolicy -** Defines who is allowed to buy products at the store, which are the possible purchase routes and what rules apply to them
* **SaleType -** Immediate purchase, where the user is required to pay stated price for the product.
* **ShipmentSystem -** External Shipment collection system. Responsible for the deliveries between buyer and seller.
* **Store -** Where merchandise is sold bought
* **StoreManager -** Appointed by the store owner and given permissions to perform store operations.
* **StoresManager -** Service-Layer interface to perform the upkeep of stores in the system.
* **StoreOwner -** User who has opened a store.
* **SystemInitiation -** The system reboot process. Among other things, the connections to the external systems will be rebooted, creating a user that becomes an admin.
* **User -** a person using the system.
* **UsersManager -** Service-Layer interface to perform the upkeep of users in the system.
* **Visible Discount -** Consists of a discount percentage and a discount duration. Buyers see all the details of the product and discount including discount end time and product price without discount.