Project Design Document

Group Name : End of thinking capacity

Topic : Auction system

Use case name :

Actor :

Goal :

Pre-conditions :

Main success narrative :

Alternative narrative :

Post -conditions :

Use case name : Sign up

Actor : Users

Goal : Create an account for users to use auction system

Pre-conditions :

none

Main success narrative :

system ask user to fill up ….?

User fill all required information

System validate information

System add information in to data base file

Alternative narrative :

User enter invalid form of information or invalid information

System display error message and why it is invalid then ask again

Post -conditions :

Add it to account data base file

Use case name : Log in

Actor : Users

Goal :

Pre-conditions :

User has an account

Main success narrative :

System ask user to enter username and password

System check that username exist in data base file

System check that password is correct

System display action system’s main menu

Alternative narrative 1 :

Username is not exist in data base file

System display error message

System ask user to enter username and password again or sign up

Alternative narrative 2 :

User enter invalid password for that username

System display error message

System ask user to enter username and password again

Post -conditions :

User logged in auction system

Use case name : create auction

Actor : user

Goal :

Pre-conditions :

user have logged in

Main success narrative :

System ask user to enter product name price time to start auction and auction end time …..?

System check that user entered all required information and it is valid

System add it to auction data structure

Alternative narrative :

User enter invalid information

System display error message

System ask user to enter information again

Post -conditions :

add this auction information to auction data base file and auction data structure

Use case name : Bid

Actor : Buyer

Goal :

Pre-conditions :

User have logged in

Main success narrative :

Buyer find the product they want

System ask buyer to enter the price for the product

System check that price that price that buyer entered is higher that current highest price

System add price and user name to auction log data base

Alternative narrative :

Price that Buyer entered is no the highest

System display error

System ask for price again

Post -conditions :

Add price and user name to auction log data base

Change highest price to a new one