Usecase dESCRIPTION

ONLIINE AUCTION SYSTEM

Reference :

http://www.bridging-the-gap.com/what-is-a-use-case/

**Use Case Description**

**Name:** Obtain latest status.

**Brief Description:** get the status of the bids (how much the bid?).

**Actors:** Bidder.

**Preconditions:** the bidder must submit bid and should be signing in.

**Basic Flow:** the bidder should click on item he wants to see its status.

**Alternate Flow:** hover on image of item and the latest status will appear.

**Exception Flow:** the bidder is not signing in.

**Post Condition:** he will see the current price for the bid and the seller price.

**Name:** Submit bids.

**Brief Description:** the bidder sees that this item appeals to him and want to buy it.

**Actors:** Bidder.

**Preconditions:** should be signing in.

**Basic Flow:** the bidder should click on item and he will find submit button.

**Alternate Flow:** click directly on submit button in the browsing page.

**Exception Flow:** the bid session is ended.

**Post Condition:** he will ask to enter price this price should more than current price.

**Name:** search on specific product by session.

**Brief Description:** you want an item in specific session biding time so you want to search for this time.

**Actors:** Bidder.

**Preconditions:** should be signing in.

**Basic Flow:** the bidder goes to search bar and write specific day in first textbox and item name in the second textbox.

**Alternate Flow:** the bidder clicks on first textbox in search bar and will appear the biding session that day and items in each session.

**Exception Flow:** the bidder search for unallocated session or item bot found in that session.

**Post Condition:** the bidder reaches to the item he wants in the specific session he determined and submits to this bid easily.

**Name:** search on specific product by Category.

**Brief Description:** you want an item in specific category so you want to search for this category name.

**Actors:** Bidder.

**Preconditions:** should be signing in.

**Basic Flow:** the bidder goes to search bar and write specific category name in first textbox.

**Alternate Flow:** the bidder clicks on first textbox in search bar and will appear all categories in the system.

**Exception Flow:** the bidder search for in exist category name.

**Post Condition:** the bidder reaches to the item he wants which is in specific category and submits to this bid easily.

**Name:** View Notification.

**Brief Description:** Any Bidder Must Know if any new item is ready to bid

**Actors:** Bidder.

**Preconditions:** should be signing in

**Basic Flow:** the bidder goes to notification icon then select notification message about item which is ready to bid

**Alternate Flow:** the bidder clicks on Notification icon and see What Notifications That he received

**Exception Flow:** No Exception as bidder will notify only So, it’s Read only.

**Post Condition:** the bidder can bid for new item if he has the minimum prize for item

**Name:** View announcements.

**Brief Description:** Any Bidder Must Know about if he won The Bid or Not.

**Actors:** Bidder.

**Preconditions:** should be signing in and Have Bid for Item.

**Basic Flow:** the bidder goes to search bar and write specific category name in first textbox and he Bid an item if any other Bidder bid the same item and the time of bid ended he will notify about result.

**Alternate Flow:** the bidder clicks on Notification icon and see What Notifications That he received which give him information if he won or lost.

**Exception Flow:** No Exception as bidder will notify only So, it’s Read only.

**Post Condition:** if bidder win or lose it must be announce that he won or lost

**Name:** View Invoice.

**Brief Description:** Any Bidder Must Know about The Price of everything he will buy.

**Actors:** Bidder.

**Preconditions:** should be signing in and Have Bid for Item.

**Basic Flow:** the bidder selected items and is about to buy it so he must see an invoice before accepting the payment.

**Alternate Flow:** the bidder clicks buy items and he will see a form with an invoice for all items he selected

**Exception Flow:** the only case that fire an Exception if the Price of selected items by bidder is higher than he bid.

**Post Condition:** if the Price of selected items by bidder is higher than he bid. So process cannot continue otherwise that’s ok

**Name:** View Details.

**Brief Description:** it’s necessary for any bidder or seller to see items details which provide minimum prize and bidder name and other information about item.

**Actors:** user (Bidder or Seller)

**Preconditions:** should be signing in

**Basic Flow:** the bidder or seller whose want to know details about Bid’s items Can check items Details and see Minimum prize and more info about it.

**Alternate Flow:** the bidder or seller can choose item and click view Details button then the see a simple form with item information.

**Exception Flow:** the only case that can fire an Exception if the user clicks view details and didn’t see anything this maybe an issue made by admin when he approving for item.

**Post Condition:** selected item details displayed and user click ‘ok’ that insure that he see the details.

**Name:** Manage Category.

**Brief Description:** Admin can have a property that can be added or removed items categories in the system.

**Actors:** Admin.

**Preconditions:** User should login as Admin.

**Basic Flow:** The admin see that he need to add more categories in his system so he may be use a Manage Category feature to add or remove as he need.

**Alternate Flow:** the admin clicks on Manage Categories and he can see two button “Add Category”, “Remove Category”.

**Exception Flow:** Exception fired in two cases if admin adds a category which added before in system, second case when he has to remove a category which is not in system.

**Post Condition:** if category added succeeded so Sellers can use this category to add items to it.

**Name:** Add Category.

**Brief Description:** Admin can have a property that can be used to add categories in the system.

**Actors:** Admin.

**Preconditions:** User should login as Admin.

**Basic Flow:** The admin see that he need to add more categories in his system so he may be use a Manage Category feature to add items.

**Alternate Flow:** the admin clicks on Manage Categories and he can see one button “Add Category”.

**Exception Flow:** Exception fired in one cases if admin adds a category which added before in system.

**Post Condition:** if category added succeeded so Sellers can use this category to add items to it.

**Name:** Delete Category.

**Brief Description:** Admin can have a property that can be used to remove items categories in the system.

**Actors:** Admin.

**Preconditions:** User should login as Admin.

**Basic Flow:** The admin see that he need to remove categories in his system so he may be use a Manage Category feature to remove as he need.

**Alternate Flow:** the admin clicks on Manage Categories and he can see one button which is “Remove Category”.

**Exception Flow:** Exception fired in one cases if admin removes a category which not found before in system.

**Post Condition:** if category removed succeeded so Sellers cannot use this category to add items to it.

**Name:** Login.

**Brief Description:** The User requests to login to System.

**Actors:** User.

**Preconditions:** The User already registered in the System correct Username & Password.

**Basic Flow:** The User has been login to System.

**Alternate Flow:** The User clicks on Login icon .

**Exception Flow** ***:*** *The request to login to System rejected*

**Post Condition**: The User entered correct Username & Password.

**Name:** Log Out.

**Brief Description:** The User requests to log out from System.

**Actors:** User.

**Preconditions:** The User already login in the System.

**Basic Flow:** The User log out from System.

**Alternate Flow:** The User clicks on Log Out icon

**Exception Flow** ***:*** The request to log out from System rejected

**Post Condition**: ------------------.

**Name:** Register

**Brief Description:** The User requests to register to System.

**Actors:** User.

**Preconditions:** A user already not exists in the system

**Basic Flow:** The user has been registered to System.

**Alternate Flow:** The User clicks on register icon and enters data .

**Exception Flow** ***:*** The User request declined .

**Post Condition**: The User enters completed data.

**Name:** Add Item

**Brief Description:** the seller start adds the item he wants to be sold or bid and the participants in the auction session will bid money for this item "at least the start price which the seller put"

**Actors:** Seller

**Preconditions:** the seller subscribed in auction session

**Basic Flow:**

1- the seller will subscribe in auction session

2- choose the category of his item and write a description about

3- set the start price of the item

4- submit it as request for the admin to approve it

5- item be approved by the admin.

**Alternate Flow:**

**Exception Flow*:***

1- the admin may reject his request because of wrong data or illegal item.

2- seller should add legal items and right info

**Post Condition**: seller's item added to be showen to auction "in specifice session choosed by the seller”

**Name:** set start price

**Brief Description:** the seller has to put the price for his item that he will add to be showen in the auction session this price will be the "minimum" price for this item , bidders can't bid price less than the specified price by the seller

**Actors:** Seller

**Preconditions:** the seller subscribed in auction session

**Basic Flow:** 1- the seller will subscribe in auction session

2- choose the category of his item and write a description about it

3- set the start price of the item

4- submit it as request for the admin to approve it

5- item be approved by the admin.

**Alternate Flow:**

**Exception Flow*:***

1- the admin may reject his request because of wrong data or illegal item

2- seller should add legal items and right info

**Post Condition**: seller's item added to be showen to auction "in specifice session choosed by the seller"

Use case name | Specify auction time and duration

Related Requirements | (to be added in the requirements)

Brief Description | The Administrator requests to add a new auction time from the System.

Preconditions | No other auction is specified at the same time.

Basic Flow | The auction has been specified.

Alternative Flow | The Administrator clicks Submit.

Exception Flows | The request information is wrong, there's a session registered at the specified time.

Primary Actors | Administrator.

Secondary Actors | Database, Auction Details.

Use case name | Delete user

Related Requirements | (to be added in the requirements)

Brief Description | The Administrator requests to delete a user from the System.

Preconditions | A user already exists in the system.

Basic Flow | The user has been deleted and removed from database.

Alternative Flow | The Administrator clicks Delete.

Exception Flows | The request information is wrong, The user doesn't exist.

Primary Actors | Administrator.

Secondary Actors | Database, User information.

Use case name | Approve item

Related Requirements | (to be added in the requirements)

Brief Description | The Administrator requests to approve a seller's add request from the System.

Preconditions | An item add request has been made by a seller.

Basic Flow | Item add request has been approved.

Alternative Flow | The Administrator clicks Approve.

Exception Flows | The request information is wrong, the specified session is already taken.

Primary Actors | Administrator.

Secondary Actors | Database, Item Request Information.

**Name:** participate

**Brief description:**

the bidder has to choose session or many sessions to participate in it so he will be apple to view the item obtain the latest status and put his bids

**Actors**: bidder

**Preconditions:** none

**Basic Flow** : 1- the bidder will view all avaliable session

2- choose the session with the item he wants

3- participate in the choosed session

4- he can see item details

5- obtain the latest status

5- submit his bids

**Exception Flows:** 1- bidder didn't participate in any of the sessions .

2- he can view the item details ,but he can't submit his bids

**Post Conditions:** bidder's bids are submitted and showen to other participants.

**Name:** submit bids

**Brief description:**

the bidder has to choose session or many sessions to participate in it so he will be apple to view the item obtain the latest status and put his bids

**Actors**: bidder

**Preconditions:** the bidder have to be subscribed in any of the availlable sessions "or more than one" to allow to submit his bid

**Basic Flow** 1- the bidder will view all avaliable session

2- choose the session with the item he wants

3- participate in the choosed session

4- he can see item details

5- obtain the latest status

6- submit his bids

**Exception Flows** : 1- bidder didn't participate in any of the sessions .

2- he can view the item details ,but he can't submit his bids

**Post Conditions:** bidder's bids are submitted and showen to other participants.

**Name:** submit Item

**Brief description:**

the seller start add the item he wants to be selled or bidded and the participants in the auction session will bid money for this item "at least the start price which the seller put"

**Actors**: Seller

**Preconditions:** the seller subscribed in auction session

**Basic Flow** 1- the seller will subscribe in auction session

2- choose the category of his item and write a description about it

3- set the start price of the item

4- choose the session from the available session that will view

5- submit it as request for the admin to approve it

6- item be approved by the admin.

**Exception Flows** : 1- the admin may reject his request because of wrong data or illegal item.

2- seller should add legal items and right info.

**Post Conditions:** seller's item added to be showen to auction "in specifice session choosed by the seller"

**Name:** subscribe to session

**Brief Description:** the seller has to choose the session from the available sessions while he submits his item to be bidded

**Actors:** Seller

**Preconditions:** the seller has item to sell

**Basic Flow:** 1- the seller will start to submit his item

2- choose the category of his item and write a description about it

3- set the start price of the item

4- choose the session from the available session that will view

5- submit it as request for the admin to approve it

6- item be approved by the admin.

**Exception Flows:** 1- the admin may reject his request because of wrong data or illegal item or didn't choose session time

2- seller should add legal items , right info and choose session time.

**Post Conditions:** seller's item added to be showen to auction "in specifice session choosed by the him"

**Name:** Manage item

**Brief Description:** the admin can manage item by approving or rejecting items

**Actors:** admin

**Preconditions:** the seller request to make a bid in an item

**Basic Flow:** 1- the seller will start to submit his item

2- choose the category of his item and write a description about it

3- set the start price of the item

4- choose the session from the available session that will view

5- submit it as request for the admin to approve it

6- item be approved by the admin.

**Exception Flows:** 1- the admin may reject his request because of wrong data or illegal item or didn't choose session time

2- seller should add legal items , right info and choose session time.

**Post Conditions:** seller's item added to be showen to auction "in specifice session choosed by the him"

**Name:** Reject item.

**Brief Description:** admin has ability to reject items submitted by sellers due to some precondition

**Actors:** admin

**Preconditions:** the seller has item to sell and submitted it

**Basic Flow:** 1- the seller will start to submit his item

2- choose the category of his item and write a description about it

3- set the start price of the item

4- choose the session from the available session that will view

5- submit it as request for the admin to approve it

6- item be rejected by the admin due to some miss-condition by seller.

**Exception Flows:** 1- the admin may reject his request because of wrong data or illegal item or didn't choose session time

2- seller should add legal items, right info and choose session time.

**Post Conditions:** seller's item added to be showen to auction "in specifice session choosed by the him and missing some information"

**Name:** Set start prize

**Brief Description:** The Seller has ability to set the start prize of his items

**Actors:** Seller

**Preconditions:** the seller has item to sell

**Basic Flow:** 1- the seller will start to submit his item

2- choose the category of his item and write a description about it

3- set the start price of the item

**Exception Flows:** 1- the admin may reject his request because of wrong data or illegal item or didn't choose session time otherwise admin will accept his request by adding this item.

2- seller should add legal items, right info and choose session time.

**Post Conditions:** seller's item added to be showen to auction "in specifice session choosed by the him"