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| --- | --- | --- | --- | --- | --- |
| **No.** | **Name** | **Story** | **Story points** | **Description** | **Sprint** |
| 1 | See all curent bids (buyer) | As buyer I want to be able to see bid history (won/lost/ended) so that I can keep track of the status of a property auction.  I want to delete bids from bid history. (Add and update won/lost/ended from database). View won bids on my personal page. | 3 | Display all information about bids (history, won/lost/ended) | Sprint 1 |
| 2 | Give ratings (1-5) to sellers (buyers) | As buyer I want to be able to view/add/delete/update ratings (1-5) to sellers for past auctions so people will grasp a concept of how productive and effective this seller is. | 2 | Buyer can choose to give a rating between 1 and 5 to sellers depending their satisfaction.  Also, they can update the ratings, add or delete. | Sprint 1 |
| 3 | View identification of sellers (admin) | As an administrator, I want to be able to view and verify the identifications of sellers so that I may view their credibility and verify their reliability. | 4 | View the identification (id, name, credibility) and update credibility with ratings between 1 and 5.  View reliability and update it (if more than 2 ratings, reliable) | Sprint 1 |
| 4 | Remove abusive reviews | As an administrator I want to view and get rid of abusive and untrue reviews so that reviews are sensible, professional and helpful.  I want to add comments telling buyer to change review in x amount of days. I want to update the review “removed by admin“ if review is not changed. | 3 | The adminstrator can view abusive/untrue reviews and can decide to delete them (managing reviews)  They also can add comments asking the buyer to update the review in one week | Sprint 2 |
| 5 | Process payment | As buyer I want to be able to pay for the house upon successful bidding so that I can complete my purchase. | 3 | If the bid is won, the buyer can proceed to the payment process. | Sprint 2 |
| 6 | Confirmation of Auction outcome | As buyer I want to receive a notification if I won the bidding or not (but not which other buyer won - privacy) so I can pay the winning bid. | 3 | Sends an email to the buyer when they win or not the bidding (step before proceeding to payment) | Sprint 2 |

**USER STORY 1: SEE ALL CURRENT BIDS (Buyer)**

As a buyer I want to be able to see bid history (won/lost/ended) so that I can keep track of the status of a property auction. I want to delete bids from bid history. (Add and update won/lost/ended). View won bids on my personal page.

Une image contenant texte, capture d’écran, logiciel, Police

Description générée automatiquement

In order to do that, I created instances of buyer, property and bid in my Main. The code has two properties, 1 and 2 (a house and an apartment). The bid has an int, BidStatus and property constructor so buyers have all the information that is needed in order to bid. Below is an example of outpout: the buyer can see the amount that put, the status (if won or not) and Une image contenant texte, Police, capture d’écran

Description générée automatiquementwhich house/apartment is won/lost.

Une image contenant texte, capture d’écran, logiciel, Logiciel multimédia

Description générée automatiquementThen, to check that this code is pertinent and working, it is possible to test it (Junit). As shown below, the tests are all successful and a buyer can thus add a bid to their history, delete one or even view the ones that they won on their page.

**USER STORY 2: GIVE RATINGS TO SELLERS (buyer)**

In fact, as buyer I want to be able to view/add/delete/update ratings (1-5) to sellers for past auctions so people will grasp a concept of how productive and effective this seller is.

For this purpose, let’s look at the Main class: it has 4 sellers, each one having their own ratings. The buyer can add ratings to each one of them and, by doing that, the ratings will update to show the current average rating of the sellers. Moreover, the buyers cannot add arating that is superior to 5, as the most popular rating system has always been from 1 to 5.

Une image contenant texte, capture d’écran, logiciel, affichage

Description générée automatiquement

Une image contenant texte, Police, capture d’écran

Description générée automatiquementSo, with the ratings that the buyers added, it is possible to clearly notice the update of ratings. Therefore, buyers can now know how serious and effective the seller is.

Une image contenant texte, capture d’écran, logiciel, Logiciel multimédia

Description générée automatiquementAlso, I tested this code and obtained interesting feedback that proves that the user story is complete for what the buyers want to have.

Une image contenant texte, capture d’écran, logiciel, Logiciel multimédia

Description générée automatiquement

Same than previously, it is possible to test the code via Junit Testing and see for example that if the rating is incorrect (not between 1 and 5), it will be invalid.

Une image contenant texte, logiciel, capture d’écran, Logiciel multimédia

Description générée automatiquement

**USER STORY 4: REMOVE ABUSIVE REVIEWS**

As an administrator I want to view and get rid of abusive and untrue reviews so that reviews are sensible, professional and helpful. I want to add comments telling buyer to change review in x number of days. I want to update the review “removed by admin if the review is not changed.

For this user story, I made the choice to give 7 days to the person who wrote the abusive review to change it. So the administrator has time to check the modification and the buyer has also time to correct it. This is important as abusive reviews can ruin the reputation of a website.

And the Junit testing, as always :

Une image contenant texte, logiciel, Logiciel multimédia, Logiciel de graphisme

Description générée automatiquement

**USER STORY 5: PROCESS PAYMENT**

As buyer I want to be able to pay for the house upon successful bidding so that I can complete my purchase. This user story is complex because it involves payment and therefore a whole system to secure payments. Since we were short on time, I simplified this user story to let the buyer see that the payment was successful.

Une image contenant texte, logiciel, Logiciel multimédia, Icône d’ordinateur

Description générée automatiquementUne image contenant texte, capture d’écran, logiciel, Logiciel multimédia

Description générée automatiquementFor the test, I thought about adding the fact that if a buyer doesn’t obviously win a bid, they cannot therefore process to payment. The tests were successful as we can see below.

**USER STORY 6: CONFIRMATION OF AUCTION OUTCOME**

As buyer I want to receive a notification if I won the bidding or not (but not which other buyer won - privacy) so I can pay the winning bid. This user story is a function that comes before the payment.

In order to do that, I decided to send an email notification to the buyer so that they will know if they won the bidding or not.

Une image contenant texte, capture d’écran, logiciel, Police

Description générée automatiquement

Une image contenant texte, logiciel, Logiciel multimédia, Icône d’ordinateur

Description générée automatiquementThen, as usual, I tested the notifications in 3 different cases that made sense for this user story.