**SUPEREASY**

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* **Summary**

SuperEasy is a web page Project which Will work as a real-time auction house, each user Will be able to post products and add details about the product letting the other users know what he wants to sell. At the same time every user can see the products offered and bid for them if they call his attention.

The auctions Will work in real time, the seller can set the starting Price and duration of the bid, later the bid Will start, each user that is interested in the product can bid for a greater amount or talk with the other users and the seller via the chat provided in the web page, also each user will get an update as soon as possible when something happen in a bid he/she is participating.

Each person will be able to create and login to a personal account. With this personal account he will be able to add and post products, create auctions, participate in auctions, see the status of the auctions in real time and receive notifications of what is happening right now with the products that he is interested on, such as his own auctions and in which he is participating.

At the end of each sale, both the user and the seller can define if they want to show some information about the auction such as final price, name of the buyer, exchange product (if applies), among others.

Each bid will have the next rules that applies as follows:

* The value of a new bid must be at least 8% greater than the previous bid.
* If an offer is made within the last minute of the auction, an extra time of 5 minutes will be added to let the other interested evaluate the new offer and decide if they continue or not.
* Before an auction is started, the seller must define a maximum value that can be expanded later and according to this value he must make a deposit of the 10% of that value. If a problem occurs with the purchase, this deposit will be given to the winner of the auction in **jairitos**, this is to ensure safety for the buyers. If the purchase is done correctly the deposit and the final product value will be given to the seller directly to his bank account.
* The commission range are the following: 30-320 **jairitos** -> 5% 321-3200-> 3% >3200 -> 1.5%
* In case of an exchange the commission will be charge taking into account the maximum percentage of each product value.
* If a user bid for a product his **jairitos** will be frozen. this to ensure that the user cannot use this **jairitos** in other auctions.
* The price of each **jairito** is 1 dollar.
* The minimum purchase of **jairitos** is 10
* Each auction must have a description, an initial price and a duration.

The platform will be able to show many statistics such as:

* + The main categories of the products sold (such as electronics, vehicles, machines, etc.)
  + The user can see how many products sold and bought
  + Administrator can see how much of each product have been bought.
  + The seller can see the media of the increment of offers received for each auction
  + The minimum auction price must have the value of 30 **jairitos**.
* **Description**

The auction houses have worked for a long time and have brought several benefits for both Sellers and buyers, with this Project the main idea is to bring all those benefits into a web page that let users make this operation easier.

With web pages such as https://www.superbid.com.co/ working as auction house we wanted to innovate and let users chat during the auction, this Will let the users offer not just money but some other products that may call the Seller´s attention and go for an Exchange or just to negotiate between them for the product.

Link to TAIGA: <https://tree.taiga.io/project/darm145-arsw-2019-1-supereasy/>