BlockChain Final Project

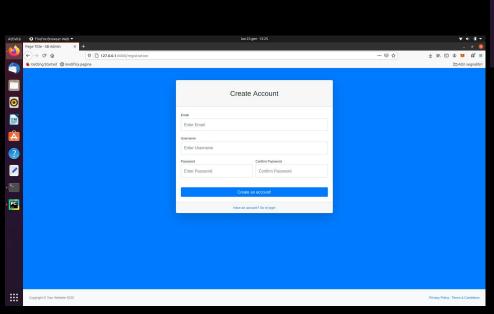
by Giovanni Maria Mazza

Introduction

This is my auction site in which auctions completed are stored in relational database and generate an hash from a JSON file having all the info about it which will be written on the Ropsten Ethereum BlockChain.

Login / Register Page

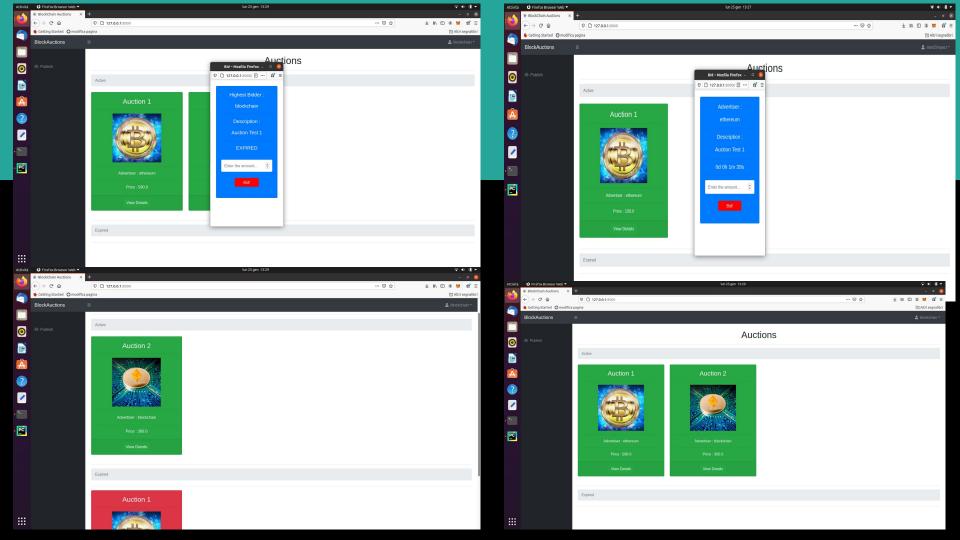
You can create an account which generates a profile user in which are stored informations about won and published auctions.



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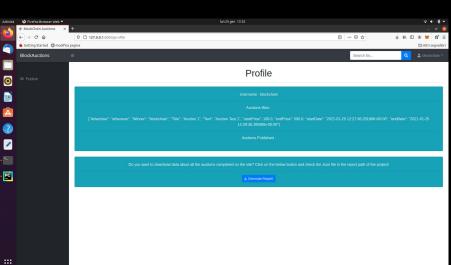
Homepage

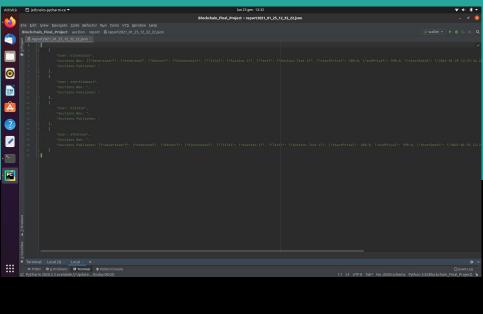
In the homepage you can see active and expired auctions and, if logged in, you can interact looking for info and bidding up on them thanks to popup windows.



Profile

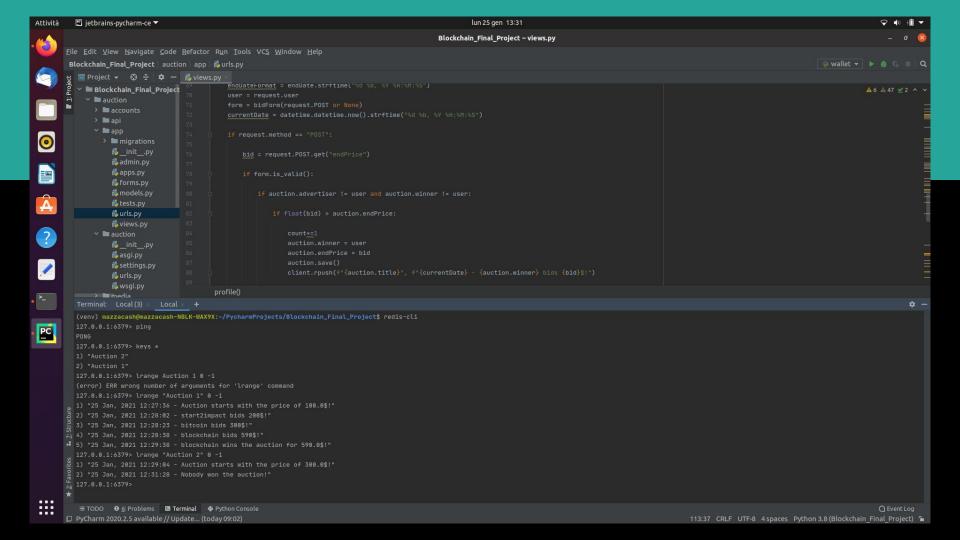
In this page you can watch informations about auctions won and published and generate a report of all the auctions completed on the site.





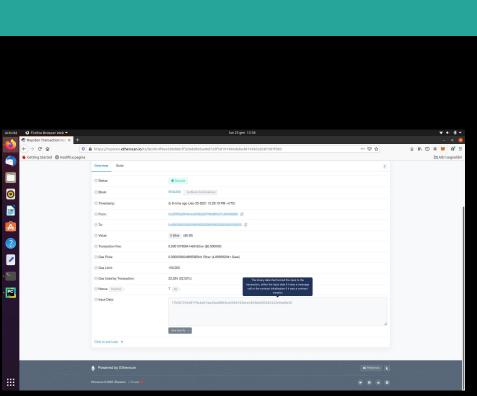
Redis

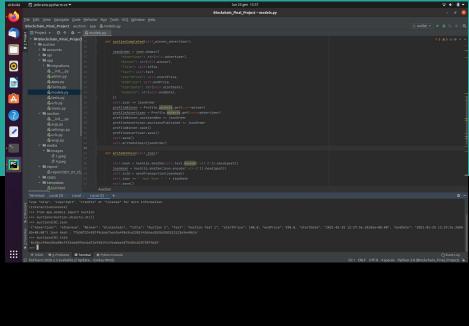
Informations about bids are stored in Redis so server can't slow down in case of large influx of users.



BlockChain Storing

When auction is completed, a script generates a JSON file with all the info about it and store relative hash in a transaction on the Ethereum Ropsten.





Conclusion

This is my auction site, I hope you enjoy it... Below that's my GitHub repository, thanks for watching it!

 $\underline{https://github.com/mazzacash94/Final-Project-BlockChain---Auction-Site}$