BlockChain Final Project

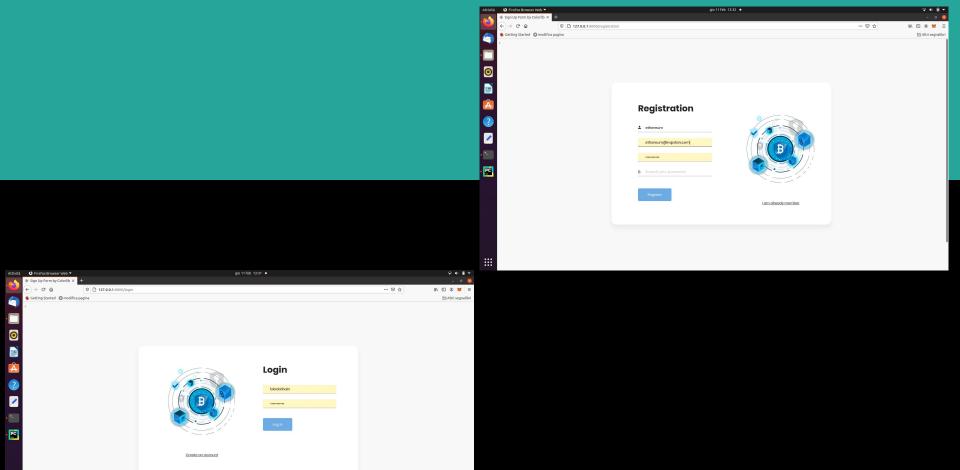
by Giovanni Maria Mazza

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.

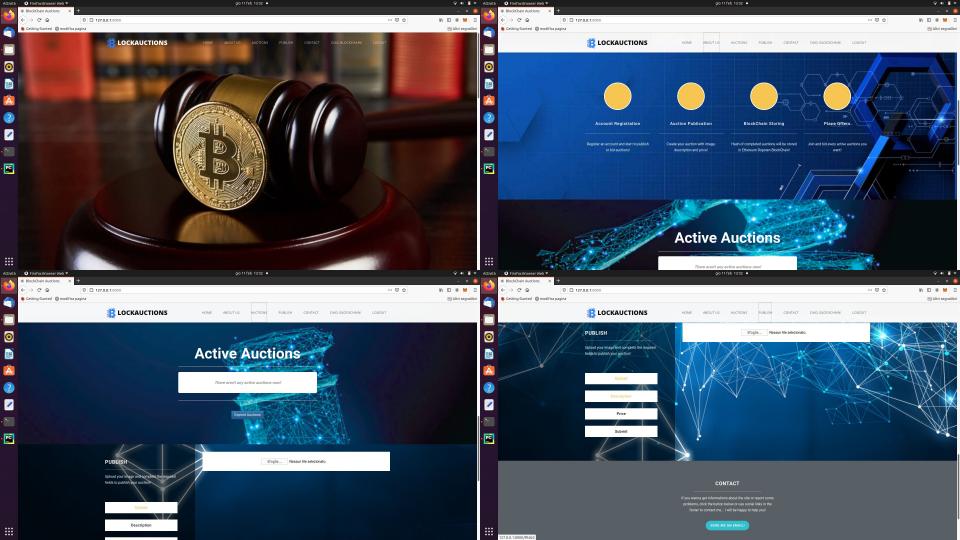
Login / Register Page

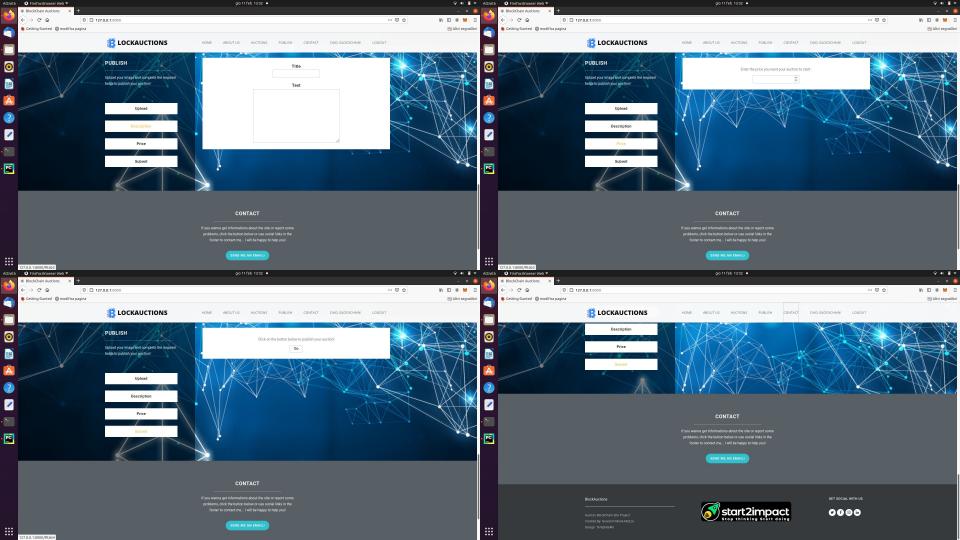
You can create an account and login into the site to see other sections (Auctions and Publish)



Site Sections

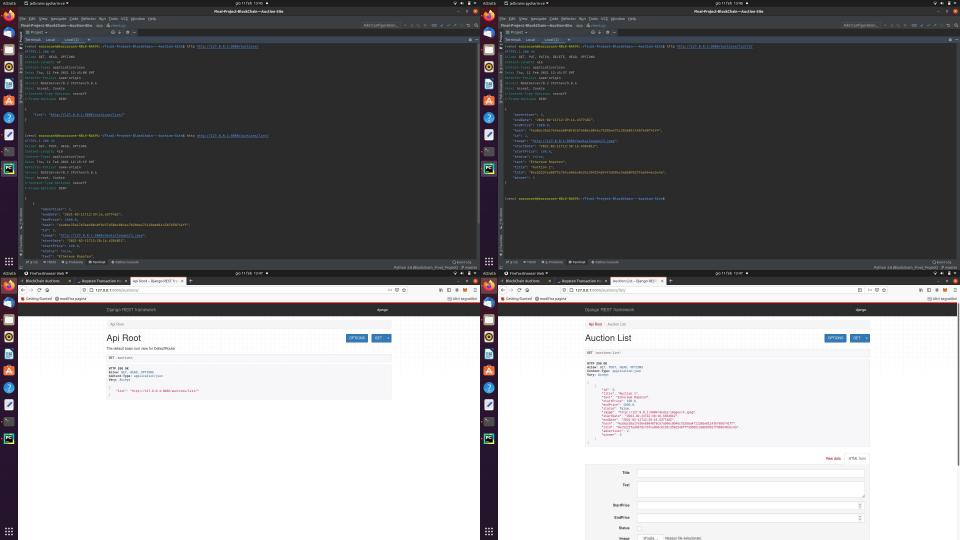
You can browse the site or click on the top-navbar links to access specified section. (You can't see Auction and Publish section until you register an account and login the site)





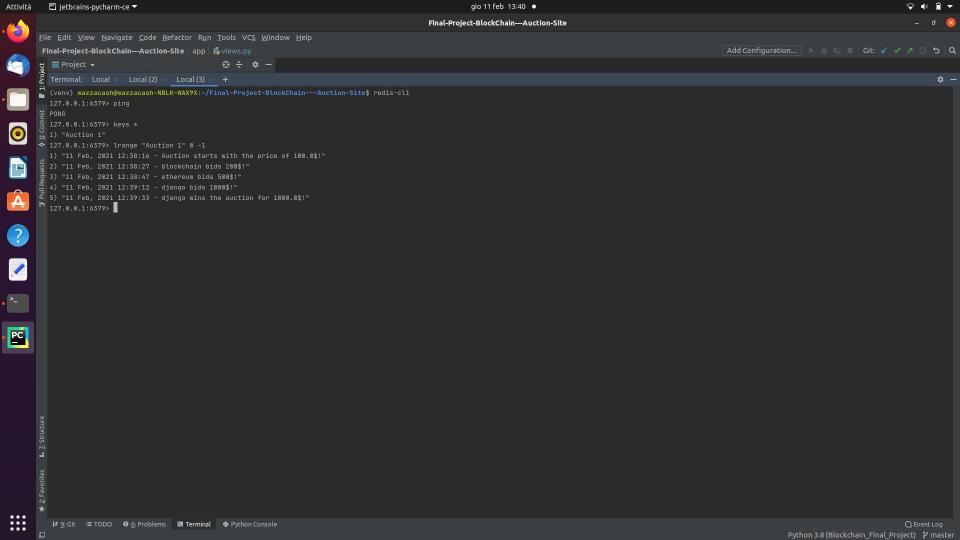
Rest Framework

Every auction is serialized and you can access them on the rest API or with httpie with terminal.



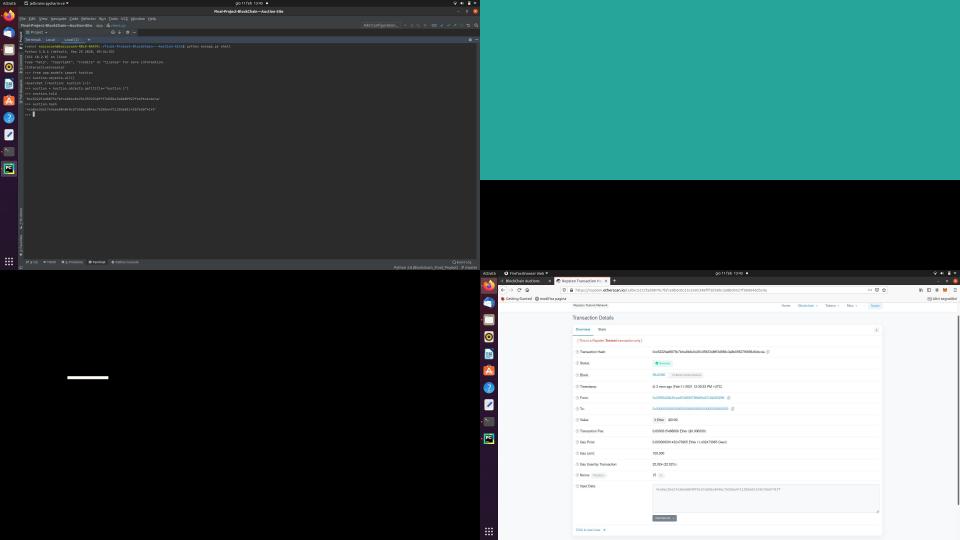
Redis

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!

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