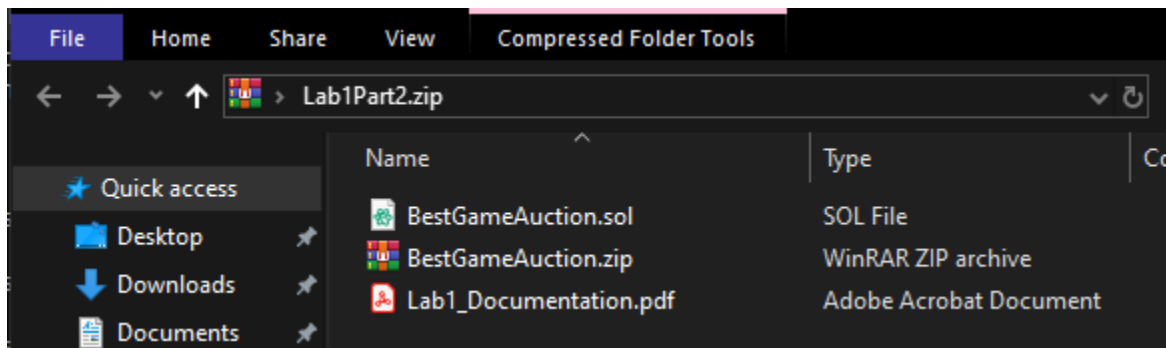**README**

*Step-by-step instructions on running the DAPP:*

NOTE: !!!!!!!

→ MOVE TO STEP 3 **IF** you have already extracted the BestGameAuction.zip file and ready to run the DAPP.

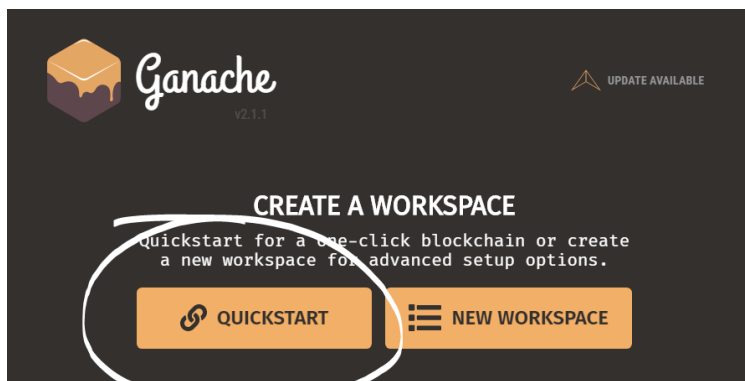→ MOVE TO STEP 10 **IF** YOU ARE READY TO TEST THE APPLICATION.

1. In the Lab1Part2.zip file, find the zip file named "BestGameAuction" and extract its files.

2. After extracting the files, you will see two folders within the BestGameAuction folder. These two are named BestGameAuction-app and BestGameAuction-contract.
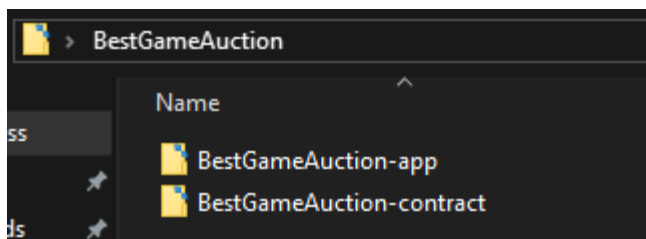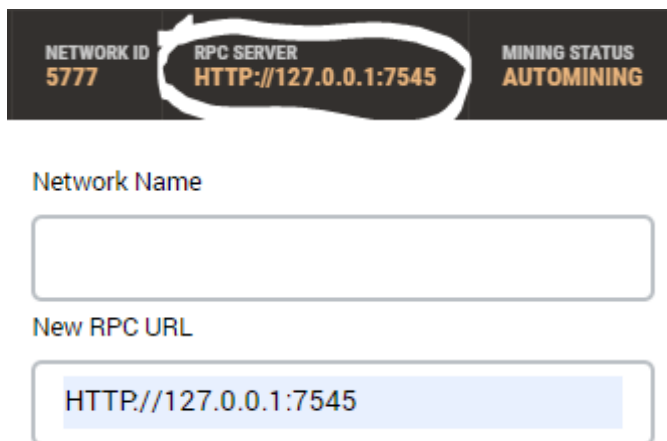

3. Open up and Ganache and press the quick start button

4.In your Ganache client, use the mnemonic seed phrase to connect with MetaMask.
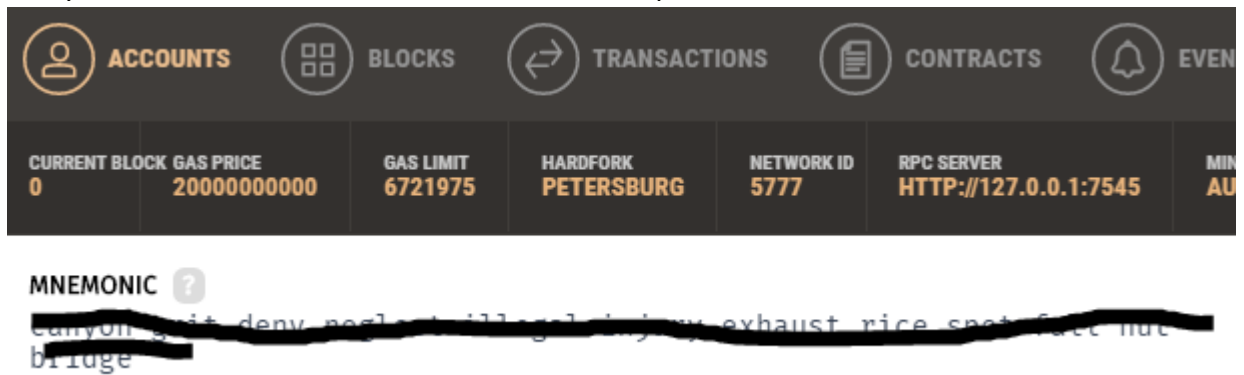
5. In your MetaMask extension, make sure to connect to a new network using the RPC URL found in your ganache.

Network Name

New RPC URL

HTTP://127.0.0.1:7545

6. In your terminal, enter into the BestGameAuction directory.
7. Reset your metamask accounts through the following commands:

```
\BestGameAuction>cd BestGameAuction-contract
BestGameAuction\BestGameAuction-contract>truffle compile
BestGameAuction\BestGameAuction-contract>truffle migrate --reset
```

Simpler version:

```
cd BestGameAuction-contract
truffle compile
truffle migrate --reset
```

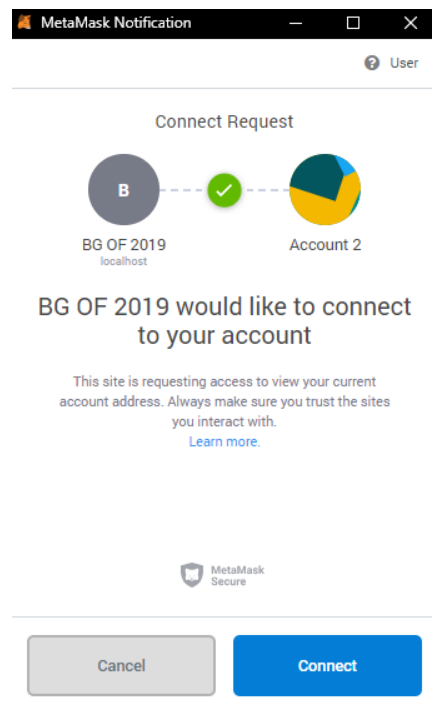8. Now, type these commands to run the app.

```
BestGameAuction\BestGameAuction-contract>cd ..
BestGameAuction>cd BestGameAuction-app
BestGameAuction\BestGameAuction-app>npm start
```
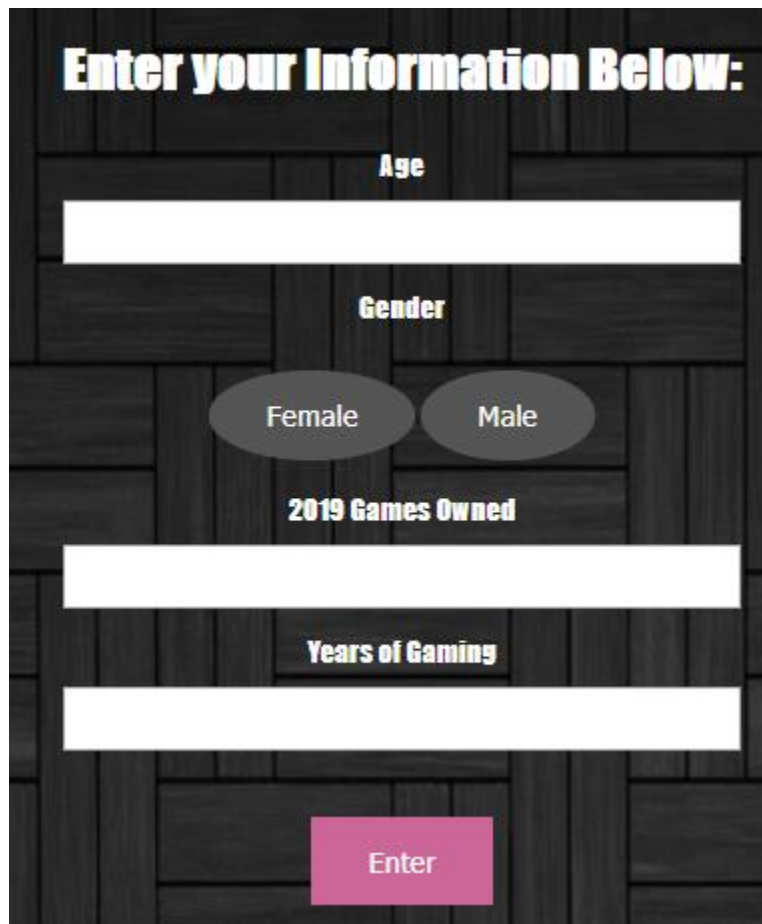
Simpler version:

```
cd ..
cd BestGameAuction-app
npm start
```

9. You can now access the app in your browser by typing in localhost:3000

10. Upon reaching the site, confirm your MetaMask connection to your wallet

11. Enter your information under the instruction. Fill in your age, number of 2019 games owned and years of gaming experience. Click on the button that marks your gender.
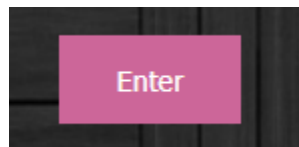

12. Press the Enter button when you're done entering your information

13. Depending on your inputted information, you will pay for the amount of points that you were qualified to have for your vote. Total of 4 transactions. One transaction will fail every time you didn't meet a requirement.
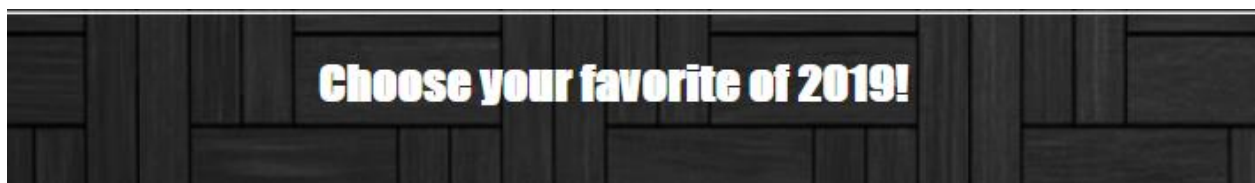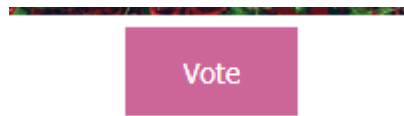

14. After confirming your transactions, you can press the 'Check Vote Points' Button to check how many points your vote will be worth.
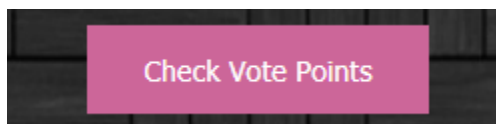
15. You can now vote for your favorite game! Look for your favorite. These will be found under:

16. Press the vote button under the games listed and pay for the transaction.

17. YOU'RE DONE! You have officially voted.

18. If you'd like to check which game is currently in the lead, press the 'Declare Winner' button on the bottom of the page.