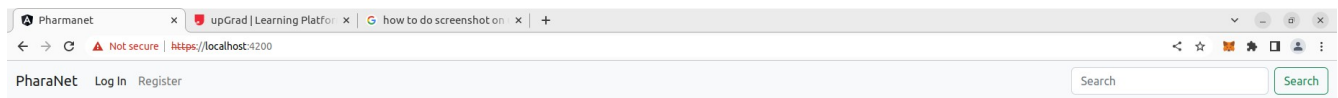


1. in a CLI/terminal of VS code while cd'ed into the Pharmanet folder run the npm install command (make sure the node version is 16 +).
2. in the CLI/terminal run npx hardhat node
3. in the CLI/ terminal run npx hardhat run scripts/deploy.js --local network.
4. in VS code go to the search icon and place this in the search box: resourceAddress = "0x5FC8d32690cc91D4c39d9d3abcBD16989F875707";
5. Also place the pasted search item in the replace box. But then replace the eth address with the address that prints to the console after running step 3. hit the replace all button.
6. in the CLI/terminal run the npm start command. (this builds the front end version of the application and will display in your default browser:



7. go to the register tab:

PharaNet Log In Register

Ethereum address: 0x8626f6940E2eb28930eFb4CeF49B2d1F2C9C1199

☐ Manufacturer
☐ Distributor
☐ Transporter
☐ Retailer

user name

password

address

state

country

Submit

https://localhost:4200/register

8. fill in new user info for a manufacturer:

PharaNet Log In Register

Ethereum address: 0x8626f6940E2eb28930eFb4CeF49B2d1F2C9C1199

☒ Manufacturer
☐ Distributor
☐ Transporter
☐ Retailer

user name

hello

password

this

address

is

state

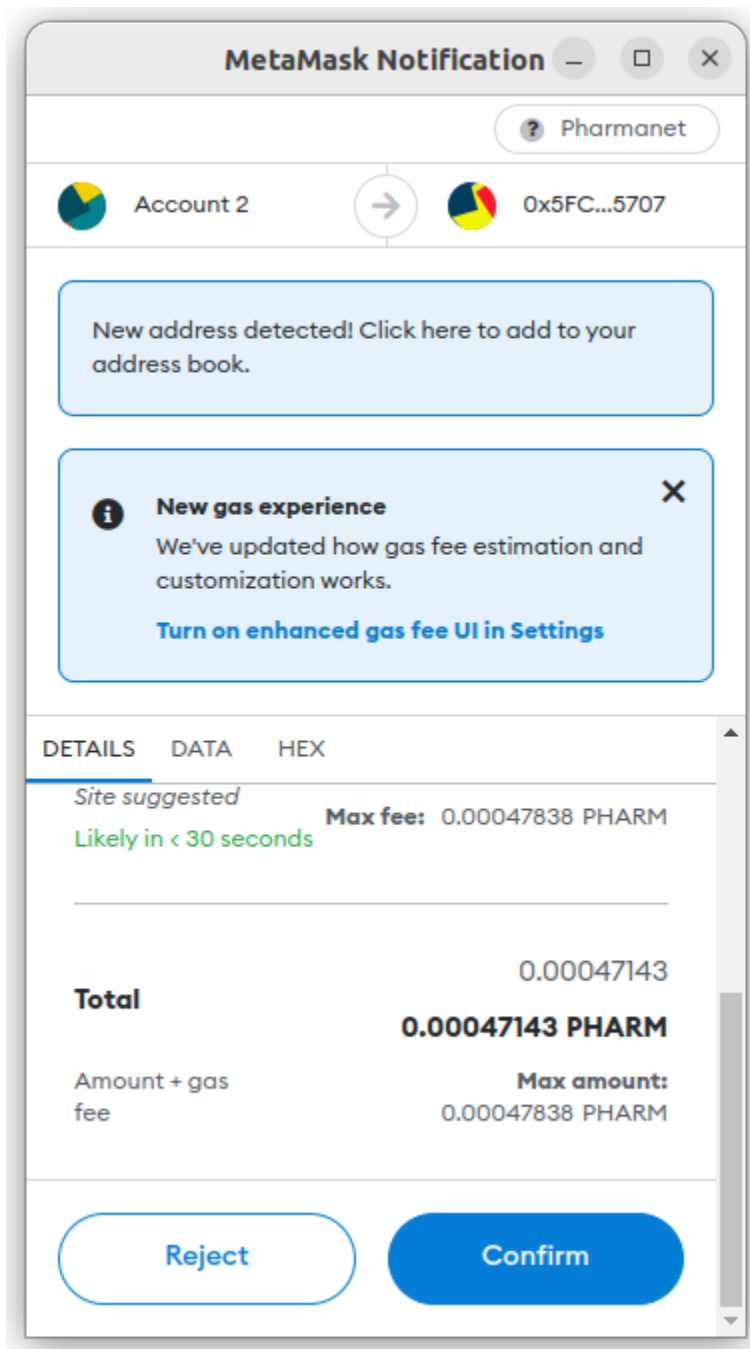
a

country

test

Submit

9. hit submit the metamask should pop up to execute the smart contract:



!!br0k
!!br0k
!!br0k
!!br0k
!!br0k
!!br0k

10. go to the log in screen and type in the username and password you used to create the manufacturer user:

11. once you hit submit the meta mask will pop up hit confirm and you will be redirected to the manufacter page to start creating drugs:

Pharmanet x upGrad | Learning Platform x how to do screenshot on x +

Not secure | https://localhost:4200/manufacture

PharaNet Log In Register Search Search

Manufacturer

Create Drug

Name

Price

Submit

UID	Name	Price
-----	------	-------

12. start creating drugs one at a time with name and price of drug. (there is a bug that only populates the drugs after two have been added with the output lagging one behind):

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← → 🔒 Not secure | https://localhost:4200/manufacture

PharaNet Log In Register Search Search

Manufacturer

Create Drug

Name

Price

Submit

UID	Name	Price
1	one	10

13. create a distributor the same way you created a manufacturer except choose distributor as user type and log in with the username and password you choose you will then be redirected to the distributor page:

PharmaNet Log In Register

Ethereum address: 0xa0Ee7A142D267C1f36714E4a8F75612F20a79720

☐ Manufacturer
☒ Distributor
☐ Transporter
☐ Retailer

user name

distributor

password

test

address

test

state

test

country

test

Submit

14. log in:

PharmaNet Log In Register

Email address

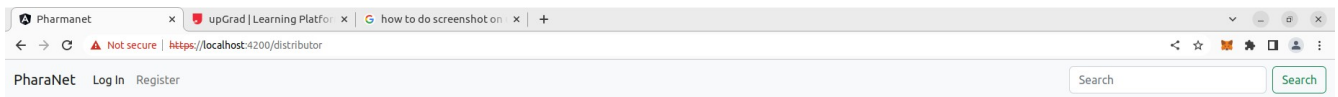
distributor

Password

Submit

```
[[{"type": "BigNumber", "hex": "0x00"}, "", "", "", "", "0x0000000000000000000000000000000000000000000000000000000000000000", "", ""], [{"type": "BigNumber", "hex": "0x00"}, "", "", "", "", "0x0000000000000000000000000000000000000000000000000000000000000000", "", ""]]
```

15. now yu are redirected to the distributor page to create purchase orders based on the available drugs from manufacturers:



Create Purchase Order for Distribution

	Name	price	per how many ?
<input type="checkbox"/>			
<input type="checkbox"/>			

Total Price: 0

16. NOTE because of the time expiration I was unable to figure out the bugs in the code that prevents a user from selecting the available drugs because they getDrugs method returns empty array objects.

This also effected the rest of the functionality of the application flow you can make a transporter and retailer user which will redirect to those pages but the data needed is not rendering as it should.

Thanks,

Christopher Nabors