

Pinlac, Giewen D.
WD – 402

Integrating Smart Contract with the Frontend

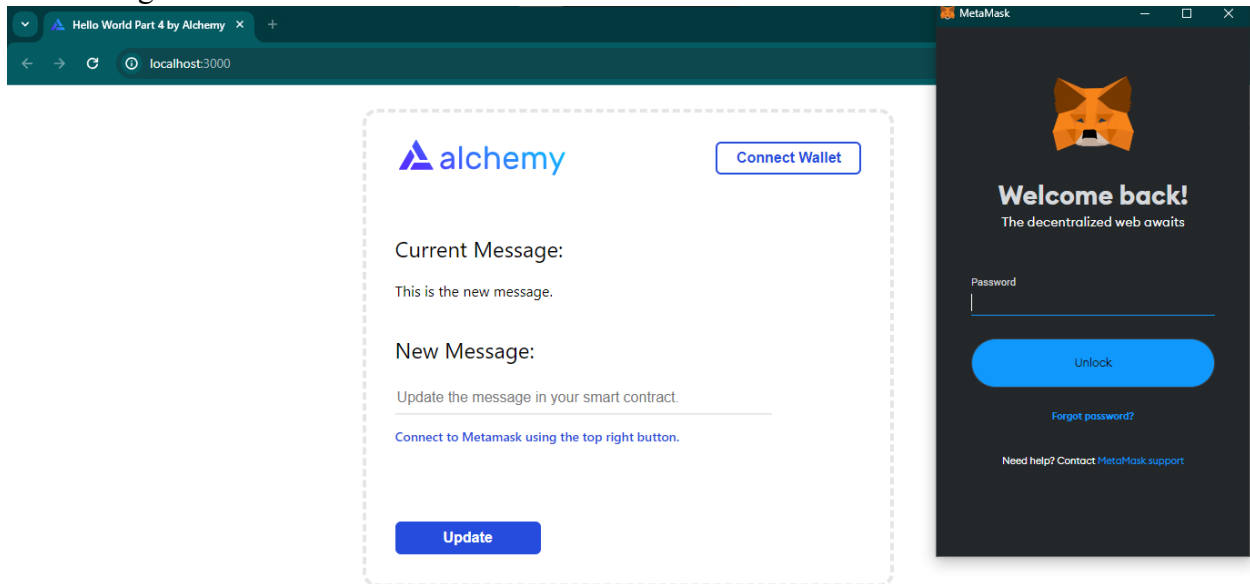
Integrating a smart contract with the frontend was quite an interesting experience. It felt like connecting two puzzle pieces to make something bigger and more meaningful. At first, it was complicated understanding the entire thing because there is a starter-files already given but after going through the instructions and understanding them step by step, I was able to really understand them.

Slowly seeing progress of what I'm doing and successfully doing it was a reward for me, but I won't lie about the frustrations when there are errors. I had a problem at the beginning about the deprecated packages of npm and when I do the "npm start", I encountered many types of error that I have no idea how to fix, even chat gpt couldn't help me lol. I still don't know what happened, but I was able to make it run by repeating the entire process from the beginning.

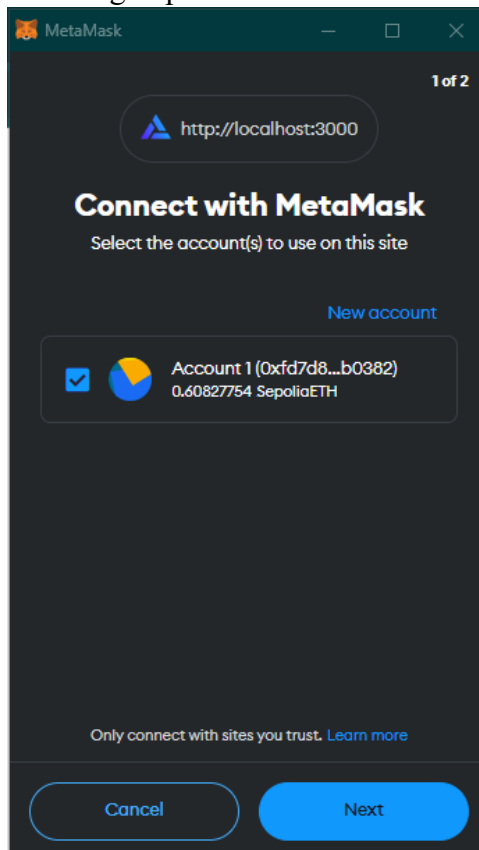
Overall, I find this course interesting, and I can see myself pursuing this someday. When the time comes, I know I have the foundations and knowledge from this course. And I want to thank you Sir Esquivel for the guidance and all the efforts for us, final requirement nalang ggraduate na!!! 😊😊

Screenshots


Connecting to Wallet



Selecting Sepolia Wallet



Successful Connect



Connected: 0xfd7d...0382

Current Message:

This is the new message.


New Message:

Update the message in your smart contract.

👉 Write a message in the text-field above.

Update

Changing Message to “Hello World”



Connected: 0xfd7d...0382

Current Message:

This is the new message.

New Message:

Hello World!

👉 Write a message in the text-field above.

Update

MetaMask

1 of 2 requests waiting to be acknowledged

Sepolia test network

Account 1 → 0xfc451...696...

http://localhost:3000

0xfc451...696da : UPDATE

DETAILS HEX

Estimated fee

0.00007802

0.00007802 SepoliaETH

Market -30 sec Max fee: 0.00007803 SepoliaETH

Total

0.00007802

0.00007802 SepoliaETH

Amount + gas fee Max amount: 0.00007803 SepoliaETH

Reject

Confirm

REJECT 2 TRANSACTIONS

Update Message Success

The screenshot shows a web browser window with two tabs: "Hello World Part 4 by Alchemy" and "sepolia.etherscan.io". The address bar shows "localhost:3000". The main content area displays the Alchemy logo and a connection status "Connected: 0xfd7d...0382". Below this, there is a section for "Current Message:" with the text "Hello World!". A "New Message:" section contains a text input field with the placeholder "Update the message in your smart contract." and a confirmation message "Your message has been updated!". A blue "Update" button is at the bottom. A notification box in the bottom right corner states "Confirmed transaction" and "Transaction 14 confirmed! View on Sepolia Etherscan".

Hello World in Etherscan

The screenshot shows the Etherscan Sepolia Testnet transaction details page. The transaction hash is "0xfc4518ca5770960bdf5c66cd4d8e6a46eae695da". The transaction name is "UpdatedMessages (string oldStr, string newStr)". The topics are "0xf91d506d7335e83e4869a58cd98e0557cdcef6f507ba1e52725521305626d05b". The data is "oldStr: Hello World! newStr: Hello World!". The page is powered by Ethereum and includes a cookie notice.

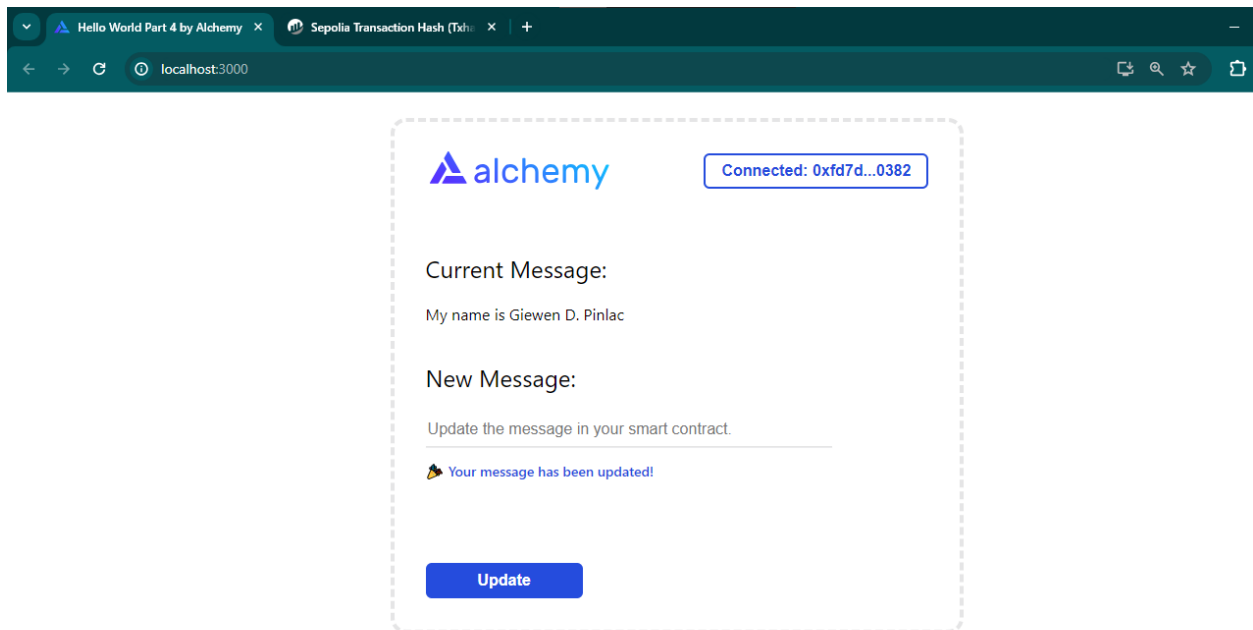
Transaction Receipt Event Logs

Index	Address	Name	Topics	Data
30	0xfc4518ca5770960bdf5c66cd4d8e6a46eae695da	UpdatedMessages (string oldStr, string newStr) View Source	0xf91d506d7335e83e4869a58cd98e0557cdcef6f507ba1e52725521305626d05b	oldStr: Hello World! newStr: Hello World!

Powered by Ethereum

This website uses cookies to improve your experience. By continuing to use this website, you agree to its Terms and Privacy Policy. Got it!

Update message to “My name is Giewen D. Pinlac” success.



Etherscan record of latest update.

