

Bartolome, Jed Miguel O.

WD – 401

## Output:

The image shows two screenshots of a web browser. The top screenshot displays the Etherscan Sepolia Testnet transaction details for a pending transaction. The transaction hash is 0x4d48390ee8bf23b9b370220c503c3212729f76750a0318c2e8e65c1c31f48204. The status is Pending, and the transaction fee is 1.50068806 Gwei. The bottom screenshot shows a web application interface with a message box. The message box contains the text "WE FINISHED THE DAPP Jed Miguel Bartolome <3" and a "New Message:" section with a text input field and an "Update" button. The Alchemy logo is visible in the top left corner of the message box.

**Etherscan Transaction Details:**

- Transaction Hash: 0x4d48390ee8bf23b9b370220c503c3212729f76750a0318c2e8e65c1c31f48204
- Status: Pending (This tx hash was found in our secondary node and should be picked up by our indexer in a short while)
- Block: (Pending)
- Timestamp: (Pending)
- From: 0x6422dc3f45208706260b0435150f22919b4c73e6
- To: 0x1cFD4666eb3484a3ec9De87535CF1beAeA8E02c
- Value: 0 ETH (\$0.00)
- Transaction Fee: (Pending)
- Gas Price: 1.50068806 Gwei (0.00000000150068806 ETH)

**Web Application Interface:**

Powered by Ethereum

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Donations: 0x71c765...d8976f

localhost:3000

**Alchemy** Connected: 0x6422...73e6

**Current Message:**

WE FINISHED THE DAPP Jed Miguel Bartolome <3

**New Message:**

Update the message in your smart contract.

🔥 your message has been updated!

[Update](#)

**Reflection:**

By integrating a smart contract with a frontend React application, I gained valuable insights into how to connect decentralized blockchain technology with traditional web development frameworks. I learned how to establish API connections to the Ethereum chain, load smart contracts, and interact with them through frontend UI components by leveraging Web3 functionality and tools like Metamask. This hands-on experience not only deepened my understanding of blockchain development but also highlighted the importance of seamless integration between different layers of technology to create robust and user-friendly decentralized applications. Overall, this activity demonstrated the power and potential of combining blockchain with traditional web development to create innovative solutions.