

## Assignment

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**Submitted to**

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**Subject**

**FMPC**

## Web Services Used in this Project

**(Google Maps, Profile, Activity, Weather and Time)**

## TOOLS

### API KEYS

Infura.io for Ethereum Blockchain Network Smart Contract Addresses.

0x Protocol

Google Maps Developers

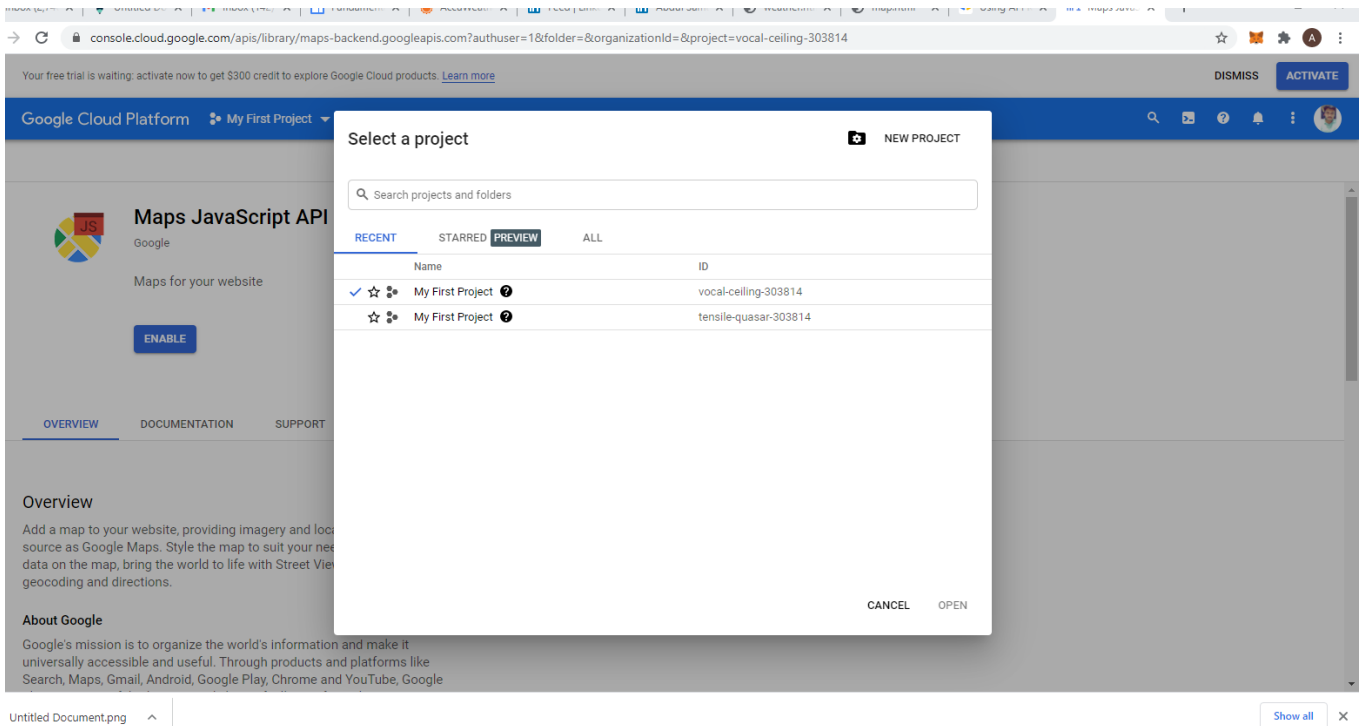
AccuWeather

LinkedIn Profile

Time

Activity for Transactions and their history

The screenshot displays the Google Cloud Platform console interface. At the top, there's a navigation bar with the Google Cloud Platform logo, a search bar, and a 'My First Project' dropdown. Below this, the 'Google Maps Platform' section is active, showing a list of APIs and services. The left sidebar contains a menu with options like Overview, APIs, Metrics, Quotas, Credentials, Support, Solution Builder, Map Management, and Map Styles. The main content area lists several APIs, each with a Google logo icon, the API name, and a brief description. The APIs listed are: Geolocation API (Location data from cell towers and WiFi nodes), Maps SDK for Android (Maps for your native Android app), Roads API (Snap-to-road functionality to accurately trace GPS breadcrumbs), Places API (Get detailed information about 100 million places), Maps JavaScript API (Maps for your website), Maps Embed API (Make places easily discoverable with interactive Google Maps), Time Zone API (Time zone data for anywhere in the world), Distance Matrix API (Travel time and distance for multiple destinations), Maps SDK for iOS, Maps Elevation API, Directions API, and Maps Static API. A 'Show all' button is visible at the bottom right of the list.

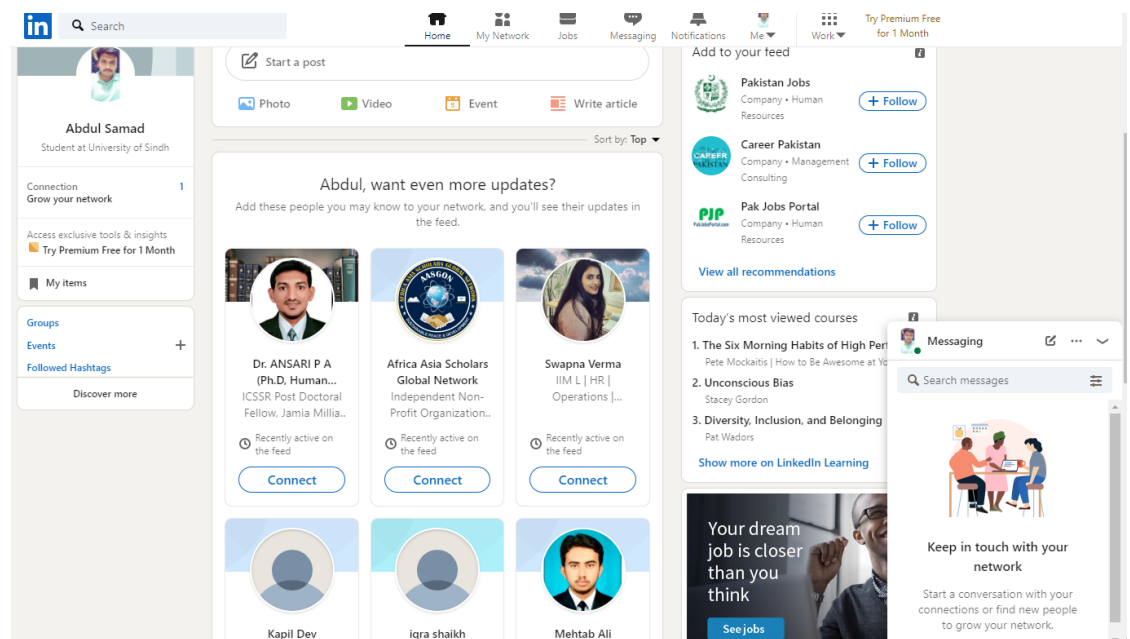


## LinkedIn Profile Link code

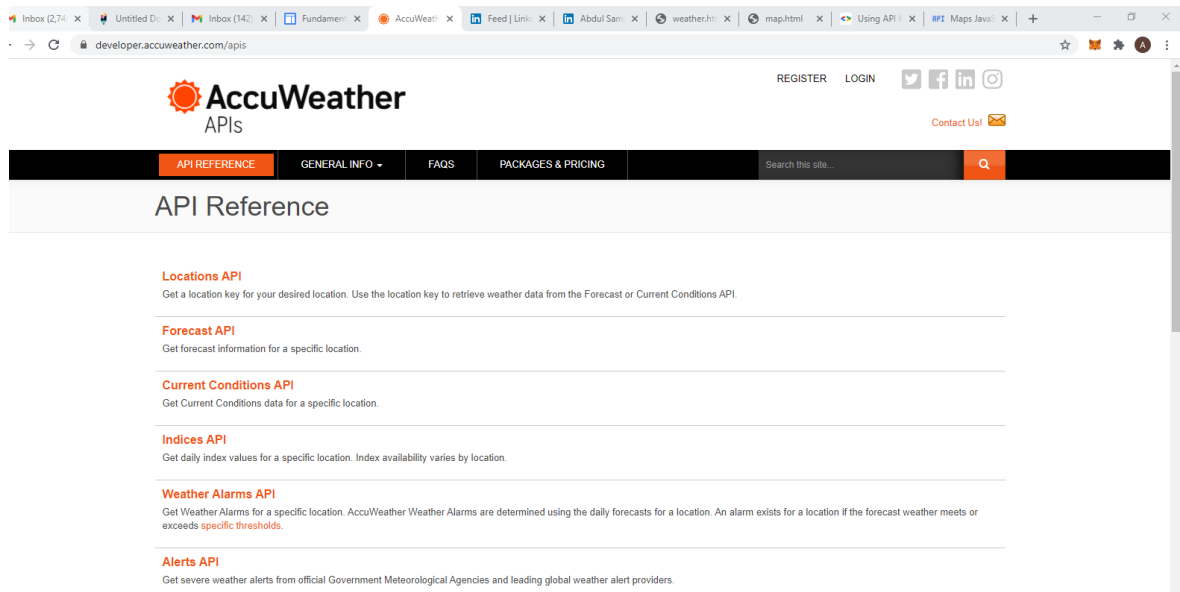
```
<!DOCTYPE html>
<html>
<head>
<title>Linkdin Profile</title>
</head>
<body>

<h1>Samad Linkdin Profile</h1>
<p>Alma Samad Assignment For Web Services..</p>
<a href="https://www.linkedin.com/in/abdul-samad-a315a2204/">VISIT
PTOFILE!</a>
</body>
<script>

</script>
</html>
```

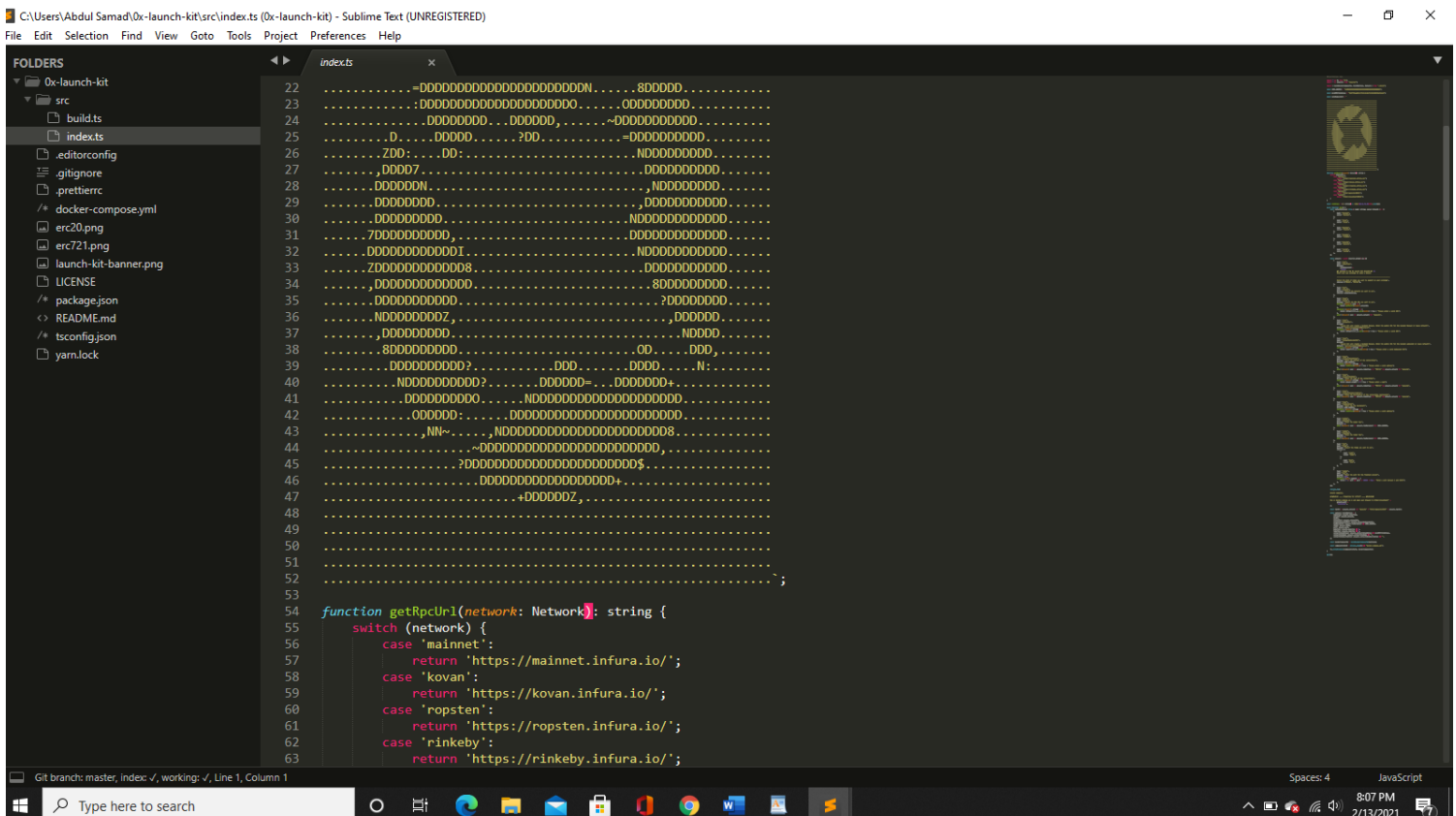


# Weather



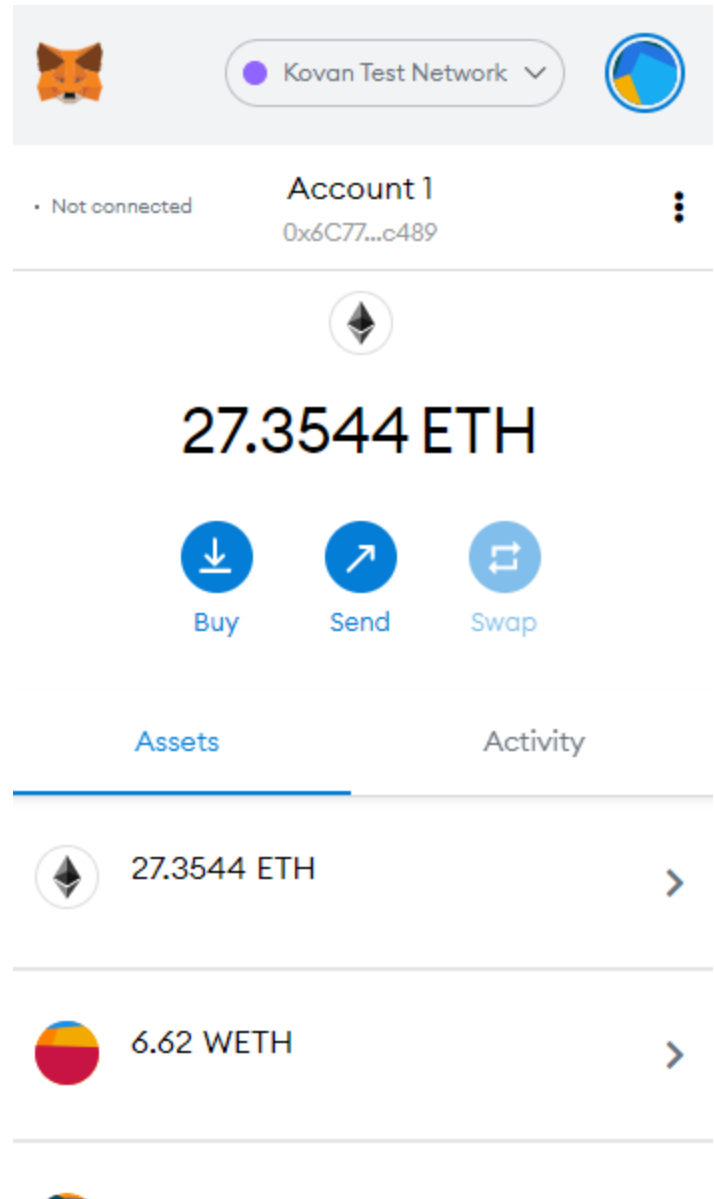
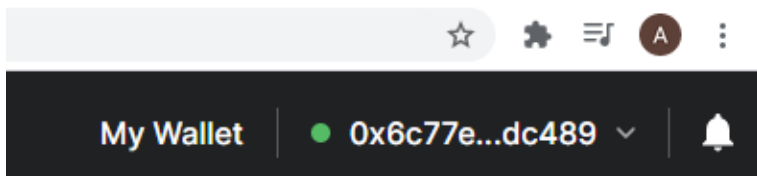
**Whole Crypto Exchange That I made for my FYP is based on Web Services**  
**That is using All of Contexts (maps, profile, activity, time)**

## Code Screenshot



## Profile Screenshot

In the blockchain profile is the wallet address from where we are connected



## Activity and Time

The screenshot shows the Etherscan Kovan Testnet interface. The top navigation bar includes links for Home, Blockchain, Tokens, Misc, and Kovan. The main heading is "Transaction Details". The "Overview" tab is selected, showing a table of transaction details. A red warning message states: "[ This is a Kovan Testnet transaction only ]". The transaction details include:

Transaction Hash:	0x9f6beb92cfe00734175c18c971e7aa67f57f3a4bbd2e7be4e22c4d267133dea8
Status:	Success
Block:	23454117 (4 Block Confirmations)
Timestamp:	32 secs ago (Feb-13-2021 03:13:00 PM +UTC)
From:	0x003bbce1eac59b406dd0e143e856542df3659075 (epheph)
To:	0x6c77e59660850b71515bda76de42c141618dc489
Value:	6 Ether (\$0.00)
Transaction Fee:	0.00031415926535 Ether (\$0.000000)
Gas Price:	0.000000014959965017 Ether (14.959965017 Gwei)

At the bottom, there is a link "Click to see More" and a cookie consent banner.

Launch Kit

ZRX/WETH

My Wallet | 0x6c77e...dc489

ETH / wETH Balances

ETH	21.36
wETH	6.62
Total Value	27.98 ETH

wETH is used for trades on 0x  
1 wETH = 1 ETH

Token Balances

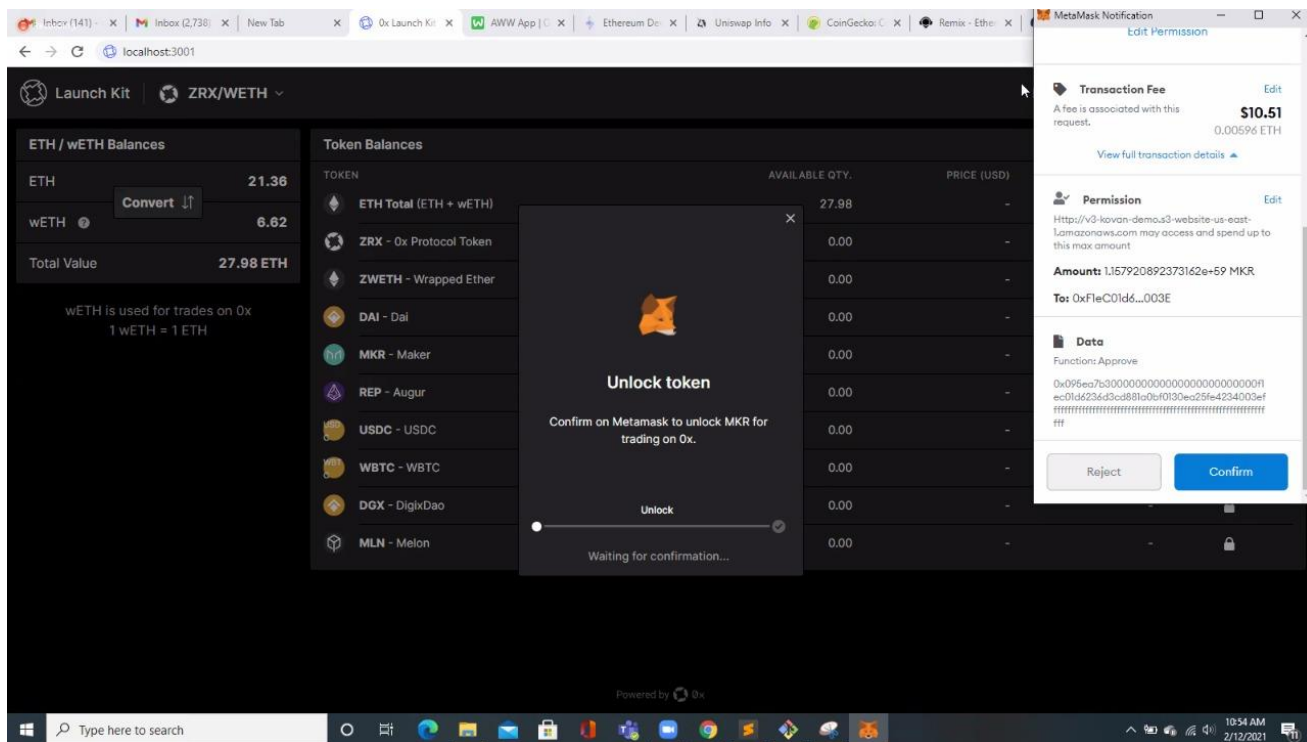
TOKEN	AVAILABLE QTY.	PRICE (USD)	% CHANGE	LOCKED?
ETH Total (ETH + wETH)	27.98	-	-	
ZRX - 0x Protocol Token	0.00	-	-	
ZWETH - Wrapped Ether	0.00	-	-	
DAI - Dai	0.00	-	-	
MKR - Maker	0.00	-	-	
REP - Augur	0.00	-	-	
USDC - USDC	0.00	-	-	
WBTC - WBTC	0.00	-	-	
DGX - DigixDao	0.00	-	-	
MLN - Melon	0.00	-	-	

Unlock token

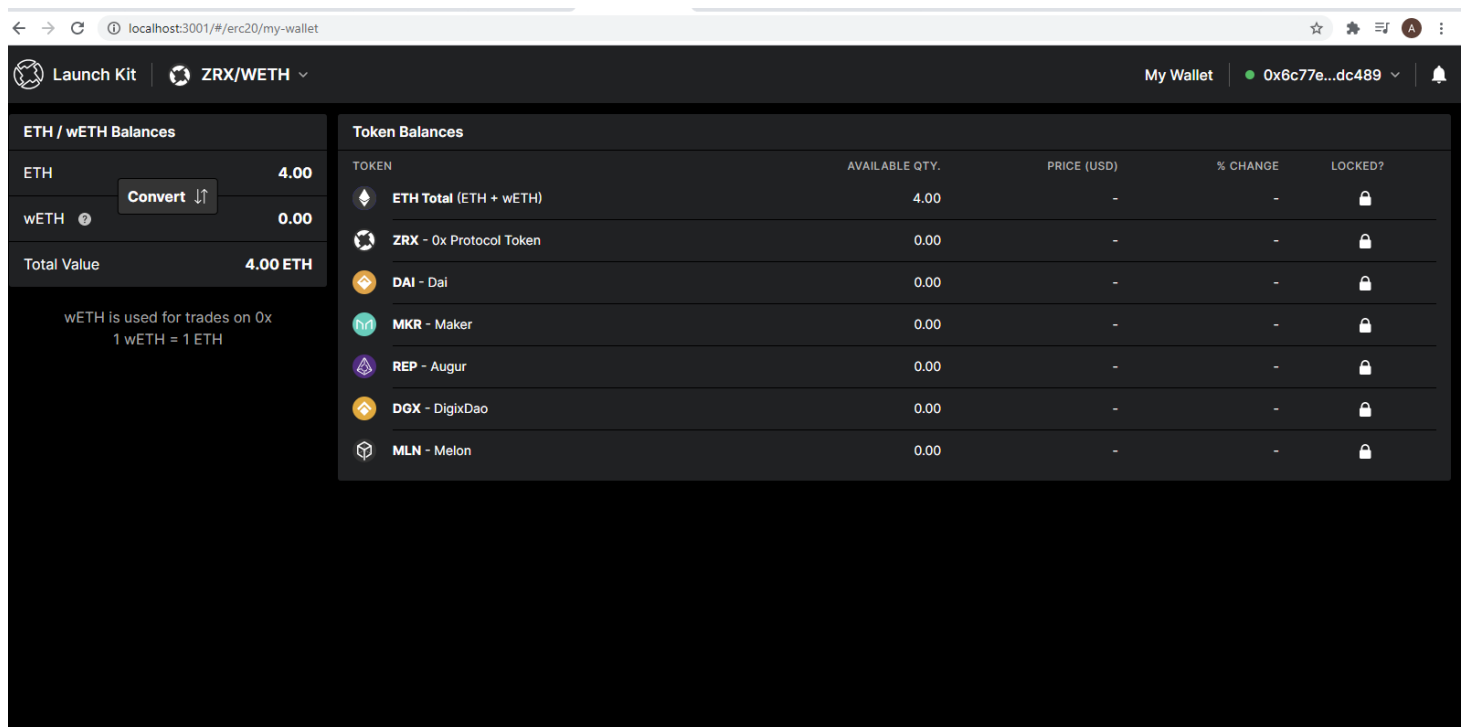
Unlocking MKR. It will remain unlocked for future trades

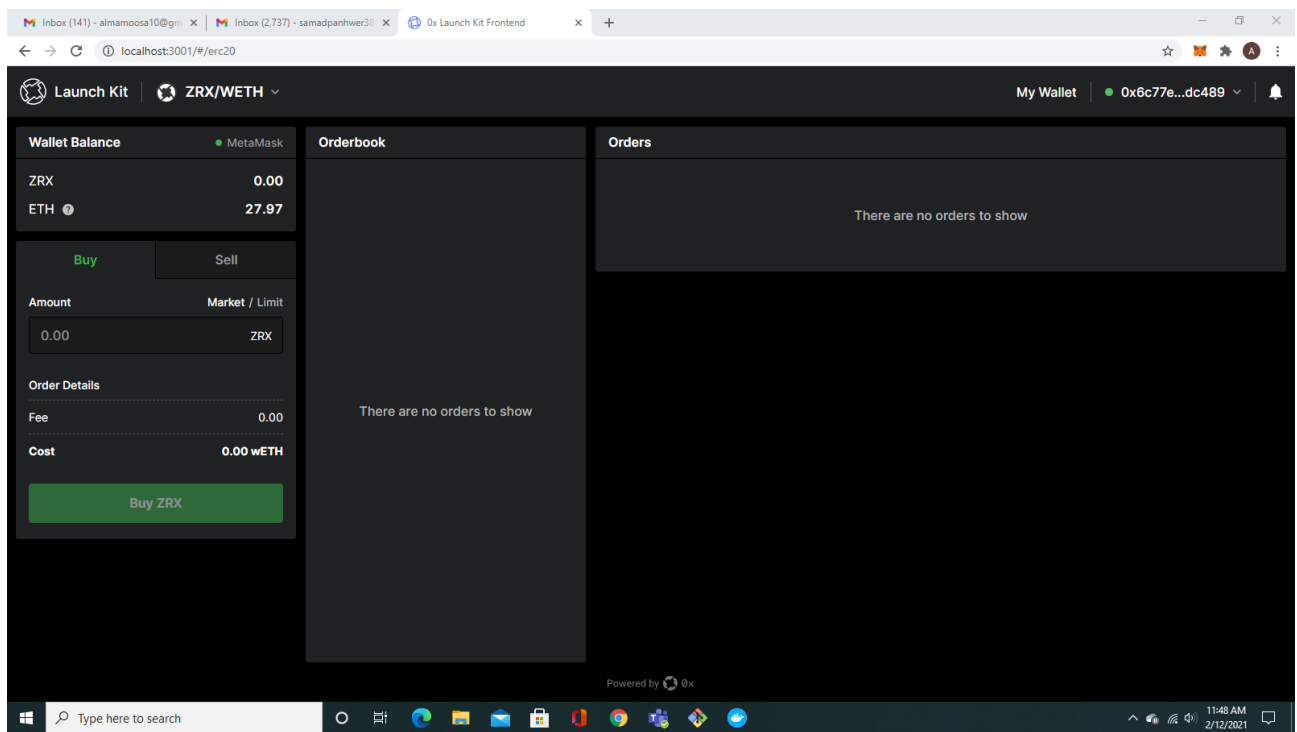
Unlock

00:28 (Est. 30 seconds)



## Frontend UI





This was all about the web services and the context that we are using for our project and it is decentralized and smart contract based crypto exchange, non-custodial crypto exchange which is context aware.

Thank You 😊