



QA Home Assignment

Please familiarize yourself with some main Crypto concepts:
Blockchain, Smart Contract, GAS token, ERC-20 token, Wallet and the ChainPort bridge.

- Explain in a few lines each one of the concepts above

MANUAL Task

Write a TEST SUITE for a specific tab on the ChainPort App: **Transaction History**.

My Activity0x707...7F536

Current Balances

Transaction History

My Referrals

Tokens ported

3

Chains

3

My total ports

4

Last 30d ports

0

My ports volume

N/A

Participation rewards

Coming soon

My PORTX1 PORTX = ~\$0.12

Current PORTX balance1,496\$ 179.52

Transaction History

Download Tx history CSV

Date	Token	From	To	Port fee
September 21, 2023	498.5T TKF18	Polygon Tx	Ethereum Tx	N/A
September 12, 2023	49.85B TITANS	Polygon Tx	Ethereum Tx	N/A
July 27, 2023	1,000 sPORTX	Ethereum Tx	Cardano Tx	2 sPORTX Tx
July 27, 2023	1,000 sPORTX	Polygon Tx	Ethereum Tx	2 sPORTX Tx

The Transaction History Page contains the history of all ChainPort ports performed when connected with a specific account. In the screenshot example we are connected with a MetaMask wallet and viewing transactions from the account.

Please write clear test cases.

Manual Task BONUS

Given 2 protocols – ChainPortX & CCTP where a threshold is implemented, provide a description of a minimal number of Functional Test Cases where the protocol and the fees taken are in it.

NOTE: When the amount to port is below or above the threshold-range CCTP is used as protocol.

Chains:

ETHEREUM (ChainPortX & CCTP)

AVALANCHE (CCTP)

OPTIMISM (ChainPortX & CCTP)

AUTOMATION Task

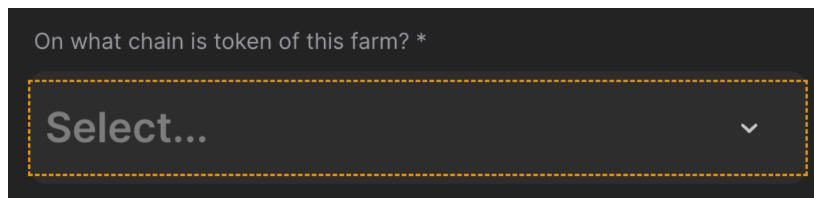
Task 1 - TokensFarm

Find the element and write the locators you would use:

URL: <https://staging.tokensfarm.com/create#/staking>

The element to find is the dropdown “On what chain is the token of this farm”

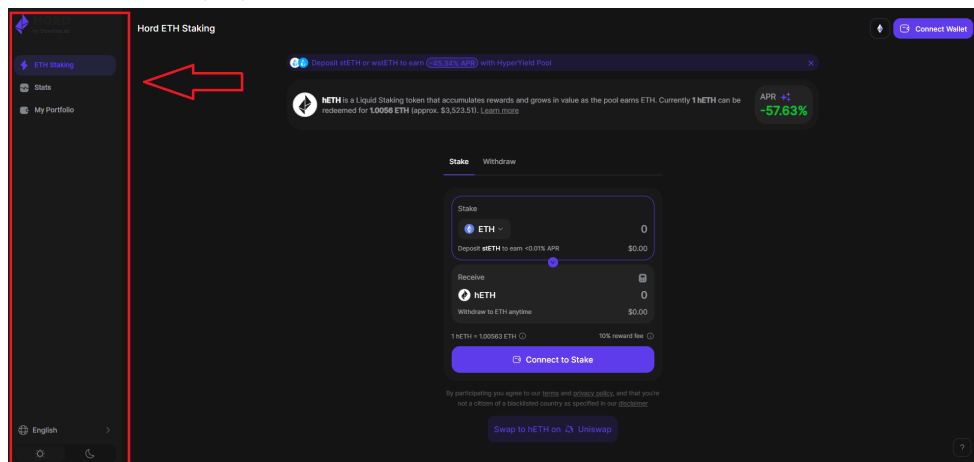
- Write the element locator using CSS selector
- Write the element locator using XPATH selector



Task 2 - Hord

- Verify sidebar is expanded
- Verify collapsing the sidebar
- Verify the FAQ section

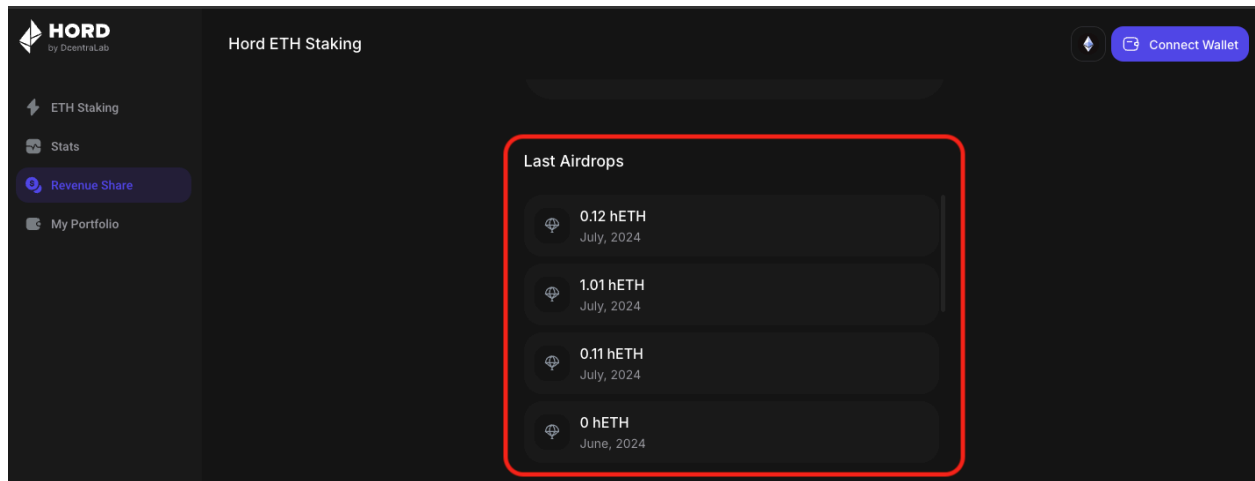
URL: <https://staging-app.hord.fi>



AUTOMATION Bonus Task

URL: <https://staging-app.hord.fi/revenue-share>

- Verify Last Airdrops



Submission

Create a simple GitHub repository where files are properly organized. Use **Python** with **Selenium** and **Pytest** along with usage of **fixtures** from a **confest** file and **allure reports**. Share the repository with: rowan.kendal@dccentralab.com