Introduction

Usability Test of CValid Credentialing System (issuer): Consent form

Dear participants,

The CValid.org project is jointly supported by Algorand Centre of Excellence and Monash Blockchain Technology Centre with the vision of establishing a trustworthy platform to improve credentialing efficiency and reduce costs for every stakeholders. This survey is to explore the satisfaction experienced by issuers, learners and recruiters interacting with the blockchain-based credentialing system.

You will begin by walking through several tasks, guided by brief instructions, to issue and receive a blockchain-based credential. Please think aloud about your goals, expectations, and reactions to the system, as it is important for us to know what you are thinking as you carry out the tasks. After the tasks, you will rate the system from 10 aspects.

Through your interactions with the CValid, we will be collecting several sorts of information (videos and notes) for research analysis purpose only. An ethics approval has been granted by the Monash University Human Research Ethics Committee. To know more about this project, please read the project explanatory statement

Thanks for your time and participation

If you have any questions, please contact our co-Investigator: Zoey Ziyi LI (email: zoey.li@monash.edu)

I have read and understood the Explanatory Statement and I hereby consent to participate in this project.

- ○ Yes
- ○ No

Demographic Data

Section One: Demographic Data

What is your current occupation?

Which sentences can best describe your role within a credentialing environment?

(select all that may apply)

- ○ I used to issue or sign education or employment proofs to other people
- ○ I used to receive credentials from any authority
- ○ I had experience of certifying my credentials
- ○ I have helped others to certify their credentials
- ○ I have verified others' documents' authenticity

Have you had any experience with blockchain applications?

- ○ Yes (please specify which blockchain)
- ○ No

You are going to interact with Algorand blockchain, so do you currently hold Algorand Pera Wallet?

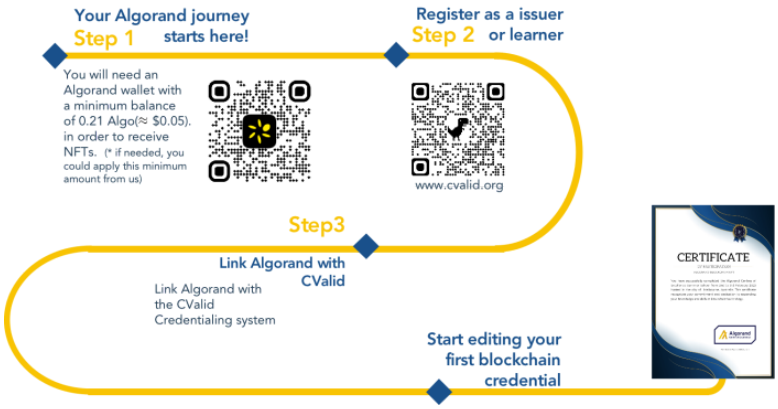
- ○ Yes, I have a Pera wallet
- ○ No (you need to download a pera wallet)

Tasks

Section 2: Tasks

The use of blockchain technology allows for the secure and verifiable issuance of credentials that cannot be forged. This can help increase the trust of potential employers or other institutions in the validity of the credentials. Therefore, ACE Institution decided to use blockchain to issue credentials for its 2023 Summer School graduates. In the next 15 minutes, or so, you will be carrying out 3 tasks relating to credentialing. You will play different roles based on the given situation.

The general procedure:



1. Can you make sure you prepare Algorand wallet before starting? (if you have zero balance, please tell the interviewer your wallet address to receive some testing Algo)
2. Whenever you are ready to start, can you please start sharing your screen?
3. Can you please *think out loud* as you go. It is very important for us to understand your goals, expectations, and reactions as you work through the tasks.

Task 1: Create and Issue a credential

Task 1.1 Please register an account in CValid

Step 1. Please open www.cvalid.org to start the registration
Step 2. Register your role:

- Please register as an issuer if you are going to use CValid to issue credentials in future (you will issue a NFT to an existing learner: ziyi.li@monash.edu).

Task 1.2 After registration, please log in and connect your Pera wallet. Then, please try to issue a credential to an existing learner (e.g. Zoey).

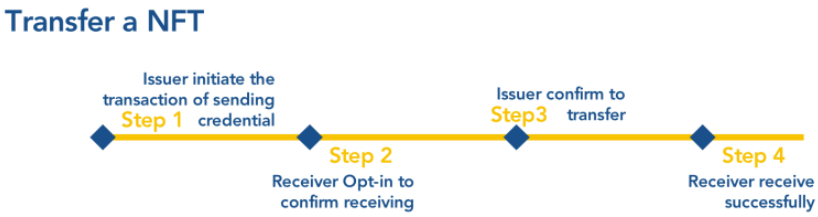
You may need the following information for credential issuance:
Credential Information:

1. Name: Summer School Certificate (or any name you would like to name your NFT)
2. Unit Name: SSC (the abbreviation of your asset)
3. Description: You have successfully completed the Algorand Centres of Excellence Summer School.
4. Student's email: ziyi.li@monash.edu

5. Student's public address: 6K2R4WZRICHUQ5ON5ACCMG5UPQZVVZKFYTLEDGG2DZPO5SE22AIT6SOAO4

Task 2: Transfer a credential

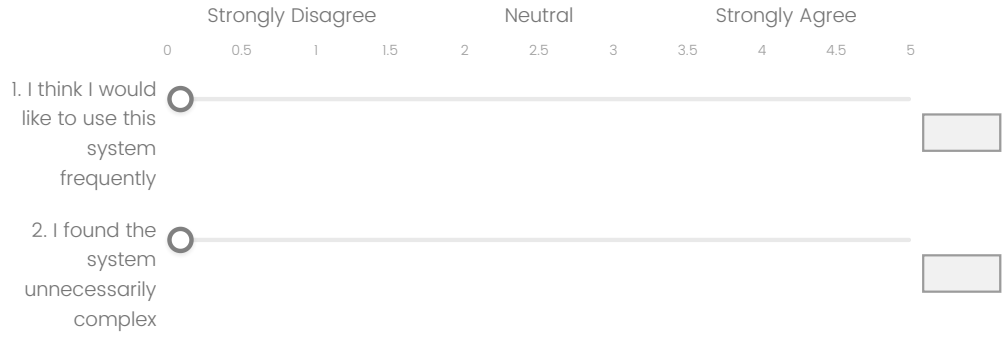
1. Please log in your provided learner account, check the status, **then *OptIn (confirm to receive)*** your blockchain-oriented credentials
2. After learner opt-in, you come **back to issuer's account,** and **click 'Transfer'**, and check status of the credential.
3. Then **back to learner's account**, check the status

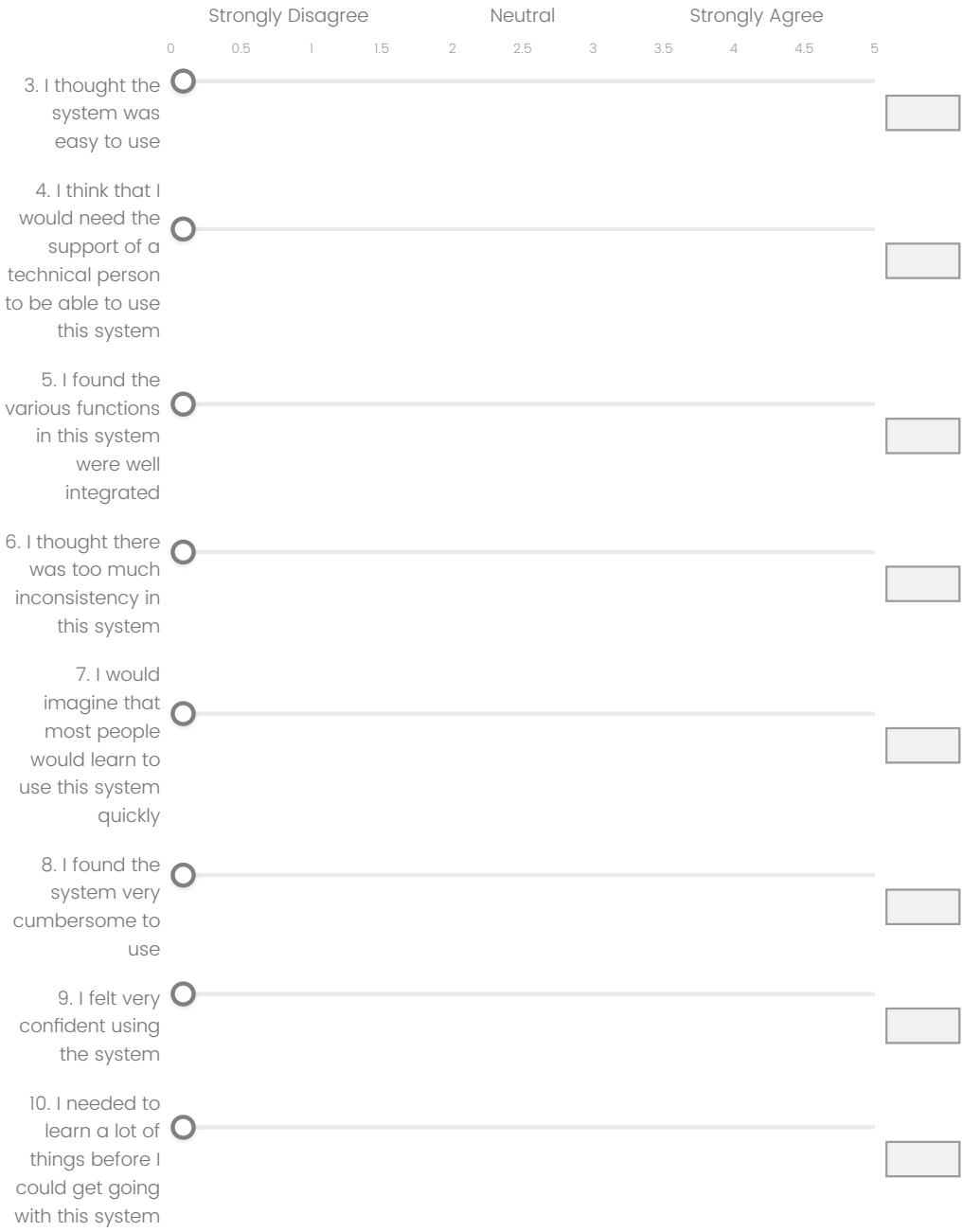


Task 3: Now you play the role as a recruiter who need to verify the credential.

1. verify the credential on https://algoexplorer.io/
2. search the credential's asset ID
3. verify the transaction is existing on Algorand testnet/mainnet
4. verify the credential is issued by the provided issuer

Now that you have completed tasks, we would like to hear your feedback.





What three things did you like most about this app? why?

What three things did you like least about this app? why?

Click to write Choice 1