

Project	Personal Blockchain
Author	dung.ntm@gmail.com
Version	v1.1
Status	Executed

Key	Component	Name	Precondition	Script	Expect	Result	Feedback comment	
CNIO-T8513	Workspace	Check the display of the screen.		Open the Create New Workspace screen.	Display matches the design. Display correct text and description for each field.	PASS		
CNIO-T8514		Check the functionality of creating a new Workspace.		Open the Create New Workspace screen. Enter the required information and click Start.	Display the New Workspace creation screen. Successfully create a new workspace with correct workspace's infomation: Epoch,Blocks, Epoch length, Transaction size Display the Addresses screen after successful creation.	PASS PASS	In[itia]lize Local Blockchain	
CNIO-T8515		Check the validation on the screen.		Enter special characters and letters in the Slot Length field	Default = 1 Allow only positive integers. No maximum limit.	PASS		
				Enter special characters and letters in the Epoch Length field.	Default = 3600 Allow only positive integers. No maximum limit.	PASS		
				Enter special characters and letters in the Transaction Size field.	Default = 4096 Allow only positive integers. No maximum limit.	PASS		
				Enter numbers into the fields on the screen. Click the Cancel button.	Display a message requesting input.	PASS		
CNIO-T8516		Check the functionality of the Cancel button.		- Open the Create New Workspace screen. - Enter the necessary information and click Create New.	Reset all fields to default status.	PASS		
CNIO-T8517		Create different new workspaces.			A new workspace is successfully created with correct workspace's info: Epoch, Blocks, Epoch length, Transaction size Display the Addresses screen for the new workspace. The old workspace can no longer be searched or interacted with.	PASS	Block [Information]	
CNIO-T8518		Addresses	Check the default display of the screen.		Open the Addresses screen.	The screen displays correctly according to the design. The header displays the correct Epoch,Blocks, Epoch length, Transaction size of the workspace in use. Enable the "New Workspace" button. Display the correct placeholder for the search bar. Enable the "Create Wallet" and "Send Token" buttons.	PASS	
CNIO-T8519			Check the screen display when searching for an address that does not exist or belongs to a different workspace.		Open the Addresses screen and search for an address that does not exist.	Display a message indicating no results found.	PASS	
	Search for an address in a different workspace (a workspace that was created previously).				Display a message indicating no results found.	PASS		
CNIO-T8520	Check the screen display when searching for an address that was previously created.			Open the Addresses screen and search for an address that was created previously.	Display the information of the searched address, including address details like Address, Address Type, etc. Display the token list, showing the tokens in the wallet, including ADA.	PASS	Address inspector	
CNIO-T8521	Check the token list - Token list.			Open the Addresses screen, search for an address that was created previously, and the address has multiple tokens. Check the display of the token list.	Display 5 tokens per row. Sort tokens alphabetically by token name.	PASS		
CNIO-T8522	Check the token list - Token list - search token.			Open the Addresses screen, search for an address that was created previously, and the address has multiple tokens. Check the display of the token list.	Display 5 tokens per row. Sort tokens alphabetically by token name. Display the correct number of token types in the list.	PASS		
				Search by the Name of a token that exists in the wallet.	Return the corresponding tokens, support accurate searches. Display the correct number of token types in the list.	PASS		
				Search by the Name of a token that does not exist in the wallet.	Return "No data."	PASS		
				Perform a partial search by Name.	Return "No data."	PASS		
				Search by the Policy ID of a token that exists in the wallet.	Return the corresponding tokens, support accurate searches. Display the correct number of token types in the list.	PASS		
		Search by the Policy ID of a token that does not exist in the wallet.		Return "No data."	PASS			
		Perform a partial search by Policy ID.		Return "No data."	PASS			
		Search by the Fingerprint of a token that exists in the wallet.		Return the corresponding tokens, support accurate searches. Display the correct number of token types in the list.	PASS			
Search by the Fingerprint of a token that does not exist in the wallet.	Return "No data."	PASS						
	Perform a partial search by Fingerprint.	Return "No data."	PASS					

			Enter more than 250 characters.	Do not allow input.	PASS	
			Enter special characters."	Do not allow input.	PASS	
CNIO-T8523		Check the functionality of copying to the clipboard.	Click the copy button in every field that has a button on the screen. Paste the text to verify.	Successfully copied. Paste the text correctly with the copied content.	PASS	
CNIO-T8524		Check the faucet functionality.	Click the faucet button after searching the wallet.	Display the Faucet Token popup.	PASS	
			Check the display of the popup.	Display correctly according to the design.	PASS	
			Click the faucet button after searching the wallet. Enter the amount of ADA you want to faucet. Click Faucet.	Successfully perform faucet, increasing ADA in the wallet.	PASS	
CNIO-T8525		Check the faucet functionality - Cancel button.	Click the faucet button after searching the wallet. Click the Cancel button.	Close the popup without performing the faucet; the ADA balance in the wallet remains unchanged.	PASS	
CNIO-T8526		Check the faucet functionality - Validate ADA amount.	Click the faucet button after searching the wallet. Enter negative numbers, decimals, letters, and special characters in the Amount field.	Do not allow input.	PASS	
			Click the faucet button after searching the wallet. Click Faucet without entering an Amount.	Display a message notifying that an ADA amount must be entered.	PASS	
			Click the faucet button after searching the wallet. Enter more than 10,000 ADA.	Do not allow input.	PASS	
CNIO-T8527		Check the faucet functionality - Perform multiple faucets with different amounts.	Click the faucet button after searching the wallet. Enter the amount of ADA you want to faucet and click Faucet. Faucet multiple times throughout the day.	Faucet successful, no limit on the number of faucets.	PASS	
CNIO-T8528		Check the create wallet functionality.	Click the Create Wallet button.	Display information for the newly created wallet, including: Wallet address. Address Type. Address (Hex format). Payment Credential. Stake Address. Stake Credential. List of tokens with empty tokens.	PASS	
			Click the copy buttons in every field on the screen and paste them elsewhere.	Copy and paste successfully with the desired text.	PASS	
CNIO-T8529		Check the Send token button.	Click the Send Token button.	Display the Send Token screen.	PASS	
CNIO-T8542		Check the function to delete wallet addresses. Delete successfully.	Open the Addresses screen, search for an address that was created previously	Display the information of the searched address, including address details like Address, Address Type, etc. Display the token list, showing the tokens in the wallet, including ADA.	PASS	Deactive wallet
			Click Delete button	Display a message: Are you sure to delete the wallet?	PASS	
			Click Delete button	Display a message: Delete success	PASS	
CNIO-T8545		Check the function to delete wallet addresses. Cancel delete command.	Open the Addresses screen, search for an address that was created previously	Display the information of the searched address, including address details like Address, Address Type, etc. Display the token list, showing the tokens in the wallet, including ADA.	PASS	
			Click Delete button	Display a message: Are you sure to delete the wallet?	PASS	
			Click Cancel button	Close popup confirm. Not delete wallet	PASS	
CNIO-T8543		Search for a wallet address that is deactivated.	Open the Addresses screen, enter the address of the deactivated wallet.	Display a message indicating no results found.	PASS	
CNIO-T8544		Send assets to a deactivated wallet.	On the Addresses screen, click the Send token button. Enter the wallet address that is inactive.	Display message: "Wallet address not found."	PASS	
CNIO-T8530	Send token	Check the display of the screen.	On the Addresses screen, click the Send Token button.	Display the Send Token screen as per the design. Show one Receiving Wallet. All fields left empty.	PASS	
CNIO-T8531		Send tokens to a single recipient address.	On the Addresses screen, click the Send token button.	Enter the sending wallet address. Enter one receiving wallet address. Enter a valid amount of ADA to transfer. Click Send.	Perform token send from one wallet to another. No signature required. Correctly decrease ADA from the sending wallet. Correctly increase ADA in the receiving wallet. The transaction amount equals the transaction fee.	PASS
CNIO-T8532		Send tokens to multiple recipient addresses.	On the Addresses screen, click the Send token button.	Enter the sending wallet address. Enter multiple receiving wallet addresses. Enter a valid amount of ADA to transfer to each address. Click Send.	Perform token send from one wallet to another. No signature required. Correctly decrease ADA from the sending wallet. Correctly increase ADA in each receiving wallet. The transaction amount equals the transaction fee.	PASS

CNIO-T8533		Send tokens with an on-chain message.	On the Addresses screen, click the Send token button.	Enter the sending wallet address. Enter one receiving wallet address. Enter a valid amount of ADA to transfer. Enter an on-chain message. Click Send.	Perform token send from one wallet to another. No signature required. Correctly decrease ADA from the sending wallet. Correctly increase ADA in the receiving wallet. The transaction amount equals the transaction fee. Display the on-chain message in the Metadata of the transaction.	PASS	
CNIO-T8534		Validate on the screen.	On the Addresses screen, click the Send token button.	Enter a non-existent sending wallet address.	Display message: "Wallet address not found."	PASS	
				Enter a non-existent receiving wallet address.	Display message: "Wallet address not found."	PASS	
				Include all receiving addresses.	Cannot delete the last address.	PASS	
				Add multiple receiving addresses.	No limits.	PASS	
				Do not enter Amount for one receiving address.	Message: Amount must be entered.	PASS	
				Enter Amount = 0.	Message: Amount must be greater than 0.	PASS	
				Enter Amount < 0 or letters and special characters.	No input allowed.	PASS	
				Enter Amount > wallet balance.	Message: Insufficient balance.	PASS	
				Enter a total Amount > wallet balance.	Message: Insufficient balance.	PASS	
				Enter a decimal Amount with unlimited decimal places.	Input allowed and successful transaction.	PASS	
				Enter more than 64 characters in the on-chain message field.	No input allowed.	PASS	
				Enter non-ASCII characters.		PASS	
				Click the Send button without entering the sending wallet address.	Display message: Field is required.	PASS	
				Click the Send button without entering the receiving wallet address.	Display message: Field is required.	PASS	
				Click the Send button when adding multiple receiving wallets, but one wallet does not have an address entered.	Display message: Field is required.	PASS	
				Click the Send button without entering the Amount.	Display message: Field is required.	PASS	
				Click the Send button when adding multiple receiving wallets, but no Amount is entered for one wallet."	Display message: Field is required.	PASS	
CNIO-T8536	Transactions List and transation detail	Check the display of the screen when there are no transactions.		Click Transactions from the menu.	The header displays the correct Epoch,Blocks, Epoch length, Transaction size of the workspace in use. Display message: No data.	PASS	Block [Information]
CNIO-T8537		Check the display of the screen when there are multiple transactions.		Click Transactions from the menu again.	Display list of transactions sorted by descending time. Display the correct information for each transaction.	PASS	
CNIO-T8538		Scroll up and down, switch between pages.		Click Transactions from the menu. Scroll up and down. Switch between different pages.	Scroll smoothly, no lag. Display correct data on each page.	PASS	
CNIO-T8539		Check the display of the transaction detail.	Click the Tx hash of a transaction.	Display transaction detail screen as designed.	PASS		
			Check the display of the header section.	Display the correct transaction details.	PASS		
	Check the display of the Summary section.		Display wallet information for each wallet involved, ADA sent/received, and tokens sent/received for each wallet.	PASS			
	Check the display of the Detail section. Check the UTXOs tab. Check the Contracts tab. Check the Collateral tab. Check the TokenMint tab. Check the Metadata tab. Check the Reference Inputs tab.		Display correct information in the UTXO tab. The Contracts tab has no information. The Collateral tab has no information. The TokenMint tab has no information. The Metadata tab displays the on-chain message. The Reference Inputs tab has no information.	PASS			
CNIO-T8540	Other	Close and reopen the app multiple times.		Close and reopen the app multiple times.	Always display the most recently created workspace. The app operates normally.	PASS	
CNIO-T8541	Create a new workplace after having created multiple wallets and transactions on the old workplace.		On the Addresses screen, click New Workspace.	Successfully create a new workspace.	PASS		
			Create a new wallet.	Successfully created.	PASS		
			Search for the wallet address of the old workspace.	Return no corresponding results.	PASS		
			Transfer funds back and forth between wallets in the new workspace.	Successful transfer of funds.	PASS		
			Transfer funds into the wallet of the old workspace.	Cannot search for old workspace to transfer funds.	PASS		
			Check the transactions screen for transactions.	Display transactions from the new workspace; transactions from the old workspace are not shown.	PASS		
		Check the details of the transaction.	Display the correct details of the selected transaction.	PASS			