

[CMP-64] Show metadata on wallet overview Created: 14/Mar/25 Updated: 25/Mar/25 Resolved: 25/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Story	Priority:	Medium
Reporter:	Dorus van der Kroft	Assignee:	Dorus van der Kroft
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	CMP Sprint 4
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#### Description

In case the transaction has metadata, show a button next to the transaction ID that, when clicked, shows the metadata in a popup screen

[CMP-62] Pressing 'enter' on keyboard should trigger the confirm button Created: 09/Mar/25 Updated: 25/Mar/25 Resolved: 25/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Story	Priority:	Medium
Reporter:	Dan Amankona	Assignee:	Derrick Kwagala
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Attachments:	
Sprint:	CMP Sprint 4

#### Description

When creating wallet or confirming transactions pressing enter should trigger the confirm button if all other fields are filled. It makes for a smoother user experience since they don't have to click confirm every time

[CMP-61] Fix URL of PinataIPFS Created: 02/Mar/25 Updated: 25/Mar/25 Resolved: 25/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Dorus van der Kroft	Assignee:	Unassigned
Resolution:	Done	Votes:	0

<b>Labels:</b>	None
<b>Remaining Estimate:</b>	Not Specified
<b>Time Spent:</b>	Not Specified
<b>Original estimate:</b>	Not Specified
<b>Sprint:</b>	CMP Sprint 4

**Description**

The URL is not a valid ipfs URL for instance:

peach-magnificent-panda-610.myipinata.cloudQmWS74i9MVcBPsMZew9DPeAPPeppjpACC2bXXcc3a4ezMt

It should look like:

ipfs://peach-magnificent-panda-610.myipinata.cloud/QmWS74i9MVcBPsMZew9DPeAPPeppjpACC2bXXcc3a4ezMt

**Comments**

Comment by [Derrick Kwagala](#) [ 14/Mar/25 ]

[Dorus van der Kroft](#) I've checked the NFT creation, and we don't have a manual input box for IPFS images. Which screen has this. could it be from the navigation side?

## [CMP-60] "no items found" shown when there are no (multi-sig) transactions to sign

Created: 27/Feb/25 Updated: 25/Mar/25 Resolved:

25/Mar/25			
<b>Status:</b>	Done		
<b>Project:</b>	<a href="#">Cardano Mendix-Plugin</a>		
<b>Components:</b>	None		
<b>Affects versions:</b>	None		
<b>Fix versions:</b>	None		

Type:	Bug	Priority:	Medium
Reporter:	<a href="#">Dorus van der Kroft</a>	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Attachments:	
Sprint:	CMP Sprint 4

**Description**

When there are no pending transaction that need to be signed a message appears that says: "no items found".

Remove this message

## Details for demo\_administrator\_Wallet2

Base address	addr_test1qq7jvvt8xkckzy7fsw5es3wc6
Stake address	stake_test1uqq0vdm54zu84rl70w0u9llk
Balance	690.61

## Assets

## Transactions

2/25/2025

- Tx: 3c5fbcd201497d58db5794b639b91e63f293d81ea6...  
Tx: c1d0df31060c7135183cf552c95d2ddc3762f6fa1...

### Smart Contract (CMP-54)

↳ [CMP-58] Example: Hello World! Created: 27/Feb/25 Updated: 25/Mar/25 Resolved: 25/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Smart Contract

Type:	Story	Priority:	Medium
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<b>Reporter:</b>	Dorus van der Kroft	<b>Assignee:</b>	Derrick Kwagala
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		

Sprint:	CMP Sprint 4
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**Comments**

Comment by Dorus van der Kroft [ 17/Mar/25 ]
Derrick Kwagala please check if it is still working. And also, please add a process description of how this functionality works so that we can add it to the support documentation.

<b>Transaction handling</b> (CMP-4)
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[\[CMP-51\] Update Policy Detail view](#) Created: 25/Feb/25 Updated: 25/Mar/25 Resolved: 25/Mar/25

<b>Status:</b>	Done
<b>Project:</b>	Cardano Mendix-Plugin
<b>Components:</b>	None
<b>Affects versions:</b>	None
<b>Fix versions:</b>	None
<b>Parent:</b>	<a href="#">Transaction handling</a>

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dorus van der Kroft</a>	<b>Assignee:</b>	<a href="#">Dorus van der Kroft</a>
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		

Sprint:	CMP Sprint 4
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**Description**

<ul style="list-style-type: none"> <li>-Once policy is saved, lock the input Only changeable field is Name-</li> <li>Show transactions</li> <li>Show unsigned transactions</li> <li>Add possibility to download unsigned eober</li> <li>Add possibility to create TransactionSigning object (when a wallet has accidentally deleted it)</li> </ul>

<b>[CMP-49] Handling of other tokens</b> Created: 03/Feb/25 Updated: 25/Mar/25 Resolved: 25/Mar/25
<b>Status:</b>
<b>Project:</b>
<b>Components:</b>
<b>Affects versions:</b>
<b>Fix versions:</b>

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dorus van der Kroft</a>	<b>Assignee:</b>	<a href="#">Derrick Kwagala</a>
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		

Time Spent:	Not Specified
Original estimate:	Not Specified
Sprint:	CMP Sprint 3, CMP Sprint 4

**Description**

Currently we only support transactions with ADA. Please update the transaction mechanism to support the transfer of other tokens. These can be FT (Fungible Tokens) and NFT (non-fungible tokens). It should be based on what is available in the wallet.

**Comments**

Comment by <a href="#">Dorus van der Kroft</a> [ 03/Feb/25 ]
Please create a branch to develop this functionality
Comment by <a href="#">Dorus van der Kroft</a> [ 25/Feb/25 ]
Derrick Kwagala as discussed. Please allow multiple recipients. Each recipient can then receive an ADA amount and 0 or more tokens (depending on availability in wallet)

**Feedback Handling (CMP-48)**

↳ [\[CMP-47\] close button doesn't do anything.](#) Created: 06/Jan/25 Updated: 25/Mar/25 Resolved: 25/Feb/25

Status:	Done
Project:	<a href="#">Cardano Mendix-Plugin</a>
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	<a href="#">Feedback Handling</a>

Type:	Bug	Priority:	Medium
Reporter:	<a href="#">Dorus van der Kroft</a>	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Attachments:	
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Sprint:	CMP Sprint 4
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**Comments**

Comment by <a href="#">Dorus van der Kroft</a> [ 25/Feb/25 ]
Fixed. Now brings you back to the wallet overview
Comment by <a href="#">Aaron Moguin</a> [ 08/Mar/25 ]
close button still doesn't do anything, other than turn to a lighter shade of blue. actually the only way to get out of that 'successful transaction' screen is to refresh, othe

The screenshot shows a Mendix application interface titled "Create Transaction". On the left is a sidebar with a "LANDANO" logo and a user profile for "Aaron Moguin". The main area has three circular steps: "1 Type of Transaction", "2 Transaction Details", and "3 Verify Transaction". Step 1 is active. A confirmation box is overlaid on the steps, containing the heading "Confirmation" and the message "The transaction was successful and can be monitored at: <https://preprod.cardanoscans.io/transaction/a02f0d4e0e31c6b3ed01c6ea518ab79d9e>".

Comment by Dorus van der Kroft [ 08/Mar/25 ]

Can't reproduce, close works:

<https://www.loom.com/share/edcfb5c2db7b40d186e596ed757a9f6f>

**Feedback Handling** (CMP-48)

[\[CMP-46\] Startup experience](#) Created: 06/Jan/25 Updated: 25/Mar/25 Resolved: 25/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	<a href="#">Feedback Handling</a>

Type:	Bug	Priority:	Medium
Reporter:	<a href="#">Dorus van der Kroft</a>	Assignee:	<a href="#">Dorus van der Kroft</a>
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Attachments:	<a href="#">Screenshot 2025-03-07 at 11.25.56 PM.png</a>	<a href="#">image-20250308-115352.png</a>
Sprint:	CMP Sprint 4	

#### Description

Seeing just the Landano logo at startup might be confusing for new users. What about:  
 "Cardano Mendix plugin - by Landano"

#### Comments

Comment by [Aaron Moguin](#) [ 08/Mar/25 ]

not resolved, still says landano at top

The screenshot shows the 'Wallets' page of the Cardano Mendix Plug-in. On the left, a sidebar for 'Aaron Moguin' displays options like 'Collapse', 'Wallets', 'Policy', 'NFT', 'SmartContract', and 'Logout'. The main area lists two wallets:

Name	Balance
Aug 20 test aaron wallet	9,799.65835
aaron test 2	100.00000

Details for Aug 20 test aaron wallet:

Base address	addr_test1qp29gh2rfnh947np0kjcaqlqfkxkdvsfqmfpvgk2g46gqagjwy2n
Stake address	stake_test1uqf8z9f4gvy4hjtycgqww0lphywhjk23g79plqwvuns6vxgjha6t
Balance	9799.66

Transactions tab (selected):

Date	Transaction ID
8/22/2024	Tx: 7c94e01b99063d5cf3ee07757586bdf64422544eace1579f4ea5b0d4dc035055
8/20/2024	Tx: 5c285b319dd830437d499d70655c60baa40a849ec46251b3b1c85bcb5df01654
8/20/2024	Tx: 8e6624ee692e640022391f8c651732f4be9f307ab02ce21beb6518ea274cc3fc

Comment by Dorus van der Kroft [ 08/Mar/25 ]

Resolved:



Cardano Mendix plugin - by Landano

**Username**

**Password**

**Sign in**

**Cancel**

**OR**

**CONNECT WITH WALLET**

This bug was about startup screen. Your screenshot is about after logging in. Could you create a separate bug and specify where you'd like to see this?

I'd say, not blocking for milestone 4 release

**Feedback Handling (CMP-48)**

↳ [CMP-45] "Select Network" label is not clear Created: 06/Jan/25 Updated: 25/Feb/25 Resolved: 25/Feb/25

Status:	Done
Project:	Cardano Mendix-Plugin

<b>Components:</b>	None
<b>Affects versions:</b>	None
<b>Fix versions:</b>	None
<b>Parent:</b>	<a href="#">Feedback Handling</a>

<b>Type:</b>	Bug	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dorus van der Kroft</a>	<b>Assignee:</b>	Unassigned
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		

<b>Sprint:</b>	CMP Sprint 4
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**Description**

At this stage we are asked to perform a transaction with our wallet. We have already selected the Network in the previous step. This looks like it should be labelled "Select transaction type"

**Comments**

Comment by <a href="#">Dorus van der Kroft</a> [ 25/Feb/25 ]
Fixed. Changed to Transaction Type selection.

<b>Feedback Handling</b> ( <a href="#">CMP-48</a> )	
<a href="#"> [CMP-44] Transaction workflow has "Create Wallet" header</a> Created: 06/Jan/25 Updated: 25/Mar/25 Resolved: 08/Mar/25	
<b>Status:</b>	Done
<b>Project:</b>	<a href="#">Cardano Mendix-Plugin</a>
<b>Components:</b>	None
<b>Affects versions:</b>	None
<b>Fix versions:</b>	None
<b>Parent:</b>	<a href="#">Feedback Handling</a>

<b>Type:</b>	Bug	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dorus van der Kroft</a>	<b>Assignee:</b>	Unassigned
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		

<b>Attachments:</b>	Screenshot 2025-03-07 at 11.25.56 PM.png
<b>Sprint:</b>	CMP Sprint 4

**Description**

the top level header should change from "Create Wallet" to "Create Transaction"

**Comments**

Comment by <a href="#">Dorus van der Kroft</a> [ 25/Feb/25 ]
Fixed.
Comment by <a href="#">Aaron Moguin</a> [ 08/Mar/25 ]
Looks good!

The screenshot shows the Landano Wallets interface. On the left is a sidebar with a user profile for Aaron Moguin and links for Wallets, Policy, NFT, SmartContract, and Logout. The main area displays two wallets:

Name	Balance
Aug 20 test aaron wallet	9,799.65835
aaron test 2	100.00000

Details for Aug 20 test aaron wallet:

Base address	addr_test1qp29gh2rfnh947np0kjcaqlqfkxkdvsfqmfpvgk2g46gqagjwy2n
Stake address	stake_test1uqf8z9f4gvy4hjtycgqww0lphywhjk23g79plqwvuns6vxgjha6t
Balance	9799.66

Transactions tab (selected):

Date	Transaction ID
8/22/2024	Tx: 7c94e01b99063d5cf3ee07757586bdf64422544eace1579f4ea5b0d4dc035055
8/20/2024	Tx: 5c285b319dd830437d499d70655c60baa40a849ec46251b3b1c85bcb5df01654
8/20/2024	Tx: 8e6624ee692e640022391f8c651732f4be9f307ab02ce21beb6518ea274cc3fc

**Feedback Handling (CMP-48)**

↳ [CMP-43] Wallet should show opening balance Created: 06/Jan/25 Updated: 25/Mar/25 Resolved: 08/Mar/25

Status:	Done
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<b>Project:</b>	Cardano Mendix-Plugin
<b>Components:</b>	None
<b>Affects versions:</b>	None
<b>Fix versions:</b>	None
<b>Parent:</b>	<a href="#">Feedback Handling</a>

<b>Type:</b>	Bug	<b>Priority:</b>	Medium
<b>Reporter:</b>	Dorus van der Kroft	<b>Assignee:</b>	<a href="#">Aaron Moguin</a>
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		

<b>Attachments:</b>	
<b>Sprint:</b>	CMP Sprint 4

#### Description

It was not clear what testADA balance, if any, my preprod wallet had so I wasn't sure what I could send. I also did not have a test wallet address to send the funds to. I don't know another wallet key to use so have to stop here.

#### Comments

Comment by <a href="#">Dorus van der Kroft</a> [ 25/Feb/25 ]
Fixed. Balance is now updated when transactions are shown
Comment by <a href="#">Aaron Moguin</a> [ 08/Mar/25 ]
looks good to me--i can see both my wallet balances, upon opening. "done"

The screenshot shows the Landano web application interface. On the left is a sidebar with a user profile for Aaron Moguin, a list of navigation items (Wallets, Policy, NFT, SmartContract, Logout), and a 'Collapse' button. The main content area is titled 'Wallets' and contains two tables of wallet details. Below this, a section titled 'Details for Aug 20 test aaron wallet' provides specific wallet information. At the bottom, a timeline shows three transactions with their respective dates and hash IDs.

**Wallets**

Name	Balance
Aug 20 test aaron wallet	9,799.65835

Name	Balance
aaron test 2	100.00000

**Details for Aug 20 test aaron wallet**

Base address	addr_test1qp29gh2rfnh947np0kjcaqlqfkxkdvsfqmfpvgk2g46gqagjwy2n
Stake address	stake_test1uqf8z9f4gvy4hjtycgqww0lphywhjk23g79plqwvuns6vxgjha6t
Balance	9799.66

Transactions   Assets

8/22/2024

- Tx: 7c94e01b99063d5cf3ee07757586bdf64422544eace1579f4ea5b0d4dc035055
- Tx: 5c285b319dd830437d499d70655c60baa40a849ec46251b3b1c85bcb5df01654

8/20/2024

- Tx: 8e6624ee692e640022391f8c651732f4be9f307ab02ce21beb6518ea274cc3fc

**Feedback Handling (CMP-48)****[CMP-42] My Awesome Cardano Transaction** Created: 06/Jan/25 Updated: 25/Mar/25 Resolved: 25/Feb/25

Status: Done

<b>Project:</b>	Cardano Mendix-Plugin
<b>Components:</b>	None
<b>Affects versions:</b>	None
<b>Fix versions:</b>	None
<b>Parent:</b>	<a href="#">Feedback Handling</a>

<b>Type:</b>	Bug	<b>Priority:</b>	Medium
<b>Reporter:</b>	Dorus van der Kroft	<b>Assignee:</b>	Unassigned
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		

<b>Attachments:</b>		
<b>Sprint:</b>	CMP Sprint 4	

**Description**

get rid of the autofill text under message metadata, i appreciate the informality but i don't think any autofill should be here.

**Comments**

Comment by [Aaron Moguin](#) [ 08/Mar/25 ]

looks great! nothing in the metadata box! i also tested the metadata itself, to see if it captured--it does, see transaction screenshot. HOWEVER metadata is one word,

PreProd

← → C preprod.cardanoscan.io/transaction/a02f0d4e0e31c6b3ed01c6ea518ab79d9e623d0ca77673bfa32fcb94c5ef38d5

mendix plug test mar... avalabs proj mgt website f8 ppl cadast moz bc4g Calendly Exploring Sustaina... Project Catalyst -...

**Cardanoscan (PreProd)**

Home Governance Blockchain Tokens Pools Certificates

All Filters Search transaction, address, block, epoch.slot, pool, stakeKey, policyId.assetNa

## Transaction Details

	<b>Transaction Hash</b> a02f0d4e0e31c6b3ed01c6ea518ab79d9e623d0ca77673bfa32fcb94c5ef38d5	<b>Timestamp</b> Mar 8, 2025 12:25:49 AM
<b>Block</b> 3258282	<b>Total Fees</b> 0.177821 ₢	<b>Total Output</b> 9,599.307768 ₢
<b>Assurance</b> Medium 6 confirmations	<b>Certificates</b> 0	<b>Message</b> this is an average cardano transaction, to test message
<b>Epoch / Slot</b> 202 / 116749		
<b>Absolute Slot</b> 85739149		

### Summary

Wallet stake_testluqf8z9f4gvy4hjtycgqww0lphywhjk23g79plqwvuns6vxgjha68u	ADA Spent -12.517821 ₢
Wallet stake_testluzjs8fr25jxca3rwjq7y6y3g4vh2sk7tkutzk7tw5fdwgq8lvg4	ADA Received 12.34 ₢

Comment by Aaron Moguin [ 08/Mar/25 ]

could only upload one pic per comment

The screenshot shows a web browser window with the URL [cardanomendixplug-in-sandbox.mxapps.io/index.html?profile=Responsive](https://cardanomendixplug-in-sandbox.mxapps.io/index.html?profile=Responsive). The page title is "Create Transaction". On the left, there is a sidebar with the "LANDANO" logo and a user profile for "Aaron Moguin". The sidebar menu includes "Collapse", "Wallets" (selected), "Policy", "NFT", "SmartContract", and "Logout". The main content area has three numbered steps: 1. Type of Transaction, 2. Transaction Details (highlighted in blue), and 3. Verify Transaction. Step 1 contains a placeholder "Type of Transaction". Step 2 contains fields for "Recipient #1": "Address" (input field), "Amount" (input field with value "0.00"), and "Tokens" (button "Add Token"). Step 3 is partially visible. A "Add Recipient" button is located above the recipient fields.

Comment by [Dorus van der Kroft](#) [ 08/Mar/25 ]

Fixed. Moved to done

[Feedback Handling](#) (CMP-48)

 [CMP-41] step labels Created: 06/Jan/25 Updated: 25/Mar/25 Resolved: 08/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	<a href="#">Feedback Handling</a>

Type:	Bug	Priority:	Medium
Reporter:	<a href="#">Dorus van der Kroft</a>	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Attachments:	 Screenshot 2025-03-08 at 12.16.07 AM.png
Sprint:	CMP Sprint 4

## Description

for me it would be helpful to have more descriptive step labels, to know what's happening.

## Comments

Comment by [Aaron Moguin](#) [ 08/Mar/25 ]

 Looks good!

The screenshot shows a Mendix application interface titled "Create Transaction". On the left is a sidebar with a user profile for "Aaron Moguin" and a list of menu items: Wallets (selected), Policy, NFT, SmartContract, and Logout. The main area has three circular steps: 1. Type of Transaction, 2. Transaction Details, and 3. Verify Transaction (partially visible). Step 1 contains "Type of Transaction". Step 2 contains "Transaction Details". Step 3 contains "Verify Transaction". A confirmation box is overlaid on the steps, stating: "Confirmation: The transaction was successful and can be monitored at: <https://preprod.cardanoscans.io/transaction/225ce042e1617b49de27bdac06e6c1bca2>".

**Feedback Handling (CMP-48)**

↳ [CMP-40] grammar Created: 06/Jan/25 Updated: 25/Feb/25 Resolved: 25/Feb/25

Status: Done

<b>Project:</b>	Cardano Mendix-Plugin
<b>Components:</b>	None
<b>Affects versions:</b>	None
<b>Fix versions:</b>	None
<b>Parent:</b>	Feedback Handling

<b>Type:</b>	Bug	<b>Priority:</b>	Medium
<b>Reporter:</b>	Dorus van der Kroft	<b>Assignee:</b>	Unassigned
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		

<b>Sprint:</b>	CMP Sprint 4
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#### Description

unlock is one word

<b>Feedback Handling</b> (CMP-48)	
↳ [CMP-39] Proper Error handling Created: 06/Jan/25 Updated: 25/Mar/25 Resolved: 25/Mar/25	
<b>Status:</b>	Done
<b>Project:</b>	Cardano Mendix-Plugin
<b>Components:</b>	None
<b>Affects versions:</b>	None
<b>Fix versions:</b>	None
<b>Parent:</b>	Feedback Handling

<b>Type:</b>	Bug	<b>Priority:</b>	Medium
<b>Reporter:</b>	Dorus van der Kroft	<b>Assignee:</b>	Derrick Kwagala
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		

<b>Sprint:</b>	CMP Sprint 3, CMP Sprint 4
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#### Description

<b>User Story</b>
As a Mendix developer, I want the JA_CardanoTransaction Java action to provide clear and detailed error information, so that I can display user-friendly error messages in Mendix while also capturing technical details for troubleshooting.

<b>Description</b>
We currently have a Java action (JA_CardanoTransaction) that, on success, returns a transaction ID as a String. However, when an error occurs, it simply throws a generic exception. This results in Mendix showing only "An error has occurred" to end users. To improve the user experience and facilitate troubleshooting, the Java action should return a structured result—either a valid transaction ID or a reason for failure—allowing Mendix to display more specific messages for common errors and log full details for developers.

<b>Acceptance Criteria</b>
<b>1. Return Object for Success and Failure</b>
<ul style="list-style-type: none"> <li>◦ The JA_CardanoTransaction Java action must return an object or structure (instead of just a String) indicating:           <ul style="list-style-type: none"> <li>▪ <b>Success:</b> Contains the transactionId.</li> <li>▪ <b>Failure:</b> Contains a short "fault reason" string (e.g., "InsufficientFunds", "NetworkError", "ScriptFailed") for common scenarios, plus any additional info that can help debugging.</li> </ul> </li> </ul>

- If desired, this can be implemented as a string return that encodes either txId: or error:. Alternatively, a small class could be returned to distinguish success/failure in a more typed manner.

## 2. Microflow-Level Error Handling

- A Mendix microflow calling the Java action must check the returned object:
  - **If success:** Show a success message (e.g., “Transaction submitted. ID: {transactionId} .”).
  - **If failure:** Match the “fault reason” to a known set of common errors (e.g., “InsufficientFunds”, “ValidationFailed”, “NodeConnectionFailed”):
    - Display a user-friendly error message for known errors (e.g., “You do not have enough funds to cover this transaction. Please check your balance.”).
    - For unrecognized or “unexpected” errors, show a generic fallback error message (e.g., “Something went wrong while submitting your transaction. Please contact support.”).

## 3. User-Friendly Messaging

- For each of the most common error categories (e.g., Insufficient Funds, Node Connection Error, Transaction Validation Error), the microflow must display short, human-readable text explaining the issue and recommending next steps.
- This messaging must be localizable if the project uses multiple languages (through Mendix constants or text templates).

## 4. Logging for Detailed Troubleshooting

- The system must log complete exception details (stack trace, root cause) and any relevant context (input parameters, wallet ID, etc.) so developers can analyze issues. This ensures that while end users see concise error messages, developers still have the data required for debugging.
- The logs must be accessible through Mendix logs or external logging, depending on the project infrastructure.

## 5. No Generic Exceptions Propagated to End Users

- End users must not see generic system messages (e.g., “java.lang.NullPointerException”). Instead, the microflow must catch and interpret or map the error to a user-friendly message.
- The final user interface message for any error scenario must be clear, e.g., “Transaction failed due to insufficient funds” or “Network unreachable.”

## 6. Verification / Testing

- A test suite or manual testing must be performed for each major error type:
  1. **Insufficient Funds:** Java action returns a fault reason reflecting a balance issue.
  2. **Node Offline / Network Error:** Java action returns a fault reason for network failure.
  3. **Transaction Validation Error:** Java action returns a fault reason for invalid data.
  4. **Script Execution Error** (if applicable).
  5. **Unexpected Internal Error:** The microflow logs the details and displays a generic fallback.

### Feedback Handling (CMP-48)

#### ↳ [CMP-38] Design and Layout Not Adjusted Based On Figma Created: 06/Jan/25 Updated: 25/Mar/25 Resolved: 25/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	<a href="#">Feedback Handling</a>

Type:	Bug	Priority:	Medium
Reporter:	<a href="#">Dorus van der Kroft</a>	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	CMP Sprint 4
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### Description

The design and layout isn't adjusted based on my figma design.

- Colors of wallets are harsh green
- Base address and stake address should be copyable with a button
- No information given in transactions whether it momenu was received or sent. as well the amount received or sent isn't displayed, you only see and adjusted balance after refresh

### Comments

Comment by Dorus van der Kroft [ 16/Mar/25 ]

We have decided that we are not going to implement the full design of Landano but only apply simple design elements that stay close to how Mendix is designed out of the box. This is because the Cardano Mendix Plugin is mainly aimed at Mendix developers who will include the plugin in their projects will have a totally different styling.

#### Feedback Handling (CMP-48)

##### ↳ [CMP-37] Typo and Unclear what certain functions do Created: 06/Jan/25 Updated: 25/Mar/25 Resolved: 25/Feb/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Feedback Handling

Type:	Bug	Priority:	Medium
Reporter:	Dorus van der Kroft	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Attachments:

Sprint: CMP Sprint 4

#### Description

Un lock transaction hash has a typo

not sure what lock transaction hash or unlock transaction hash does. We should add a helper to this

#### Comments

Comment by Aaron Moguin [ 08/Mar/25 ]

the unlock typo has been fixed but i still don't know what locking and unlocking does...AND: Smart Contract (left menu bar) is two words, add a space please.

The screenshot shows a Mendix application interface titled "Smart Contracts1". On the left, there is a sidebar with a "LANDANO" logo and a user profile for "Aaron Moguin". The sidebar menu includes links for "Collapse", "Wallets", "Policy", "NFT", "SmartContract" (which is highlighted with a blue border), and "Logout". To the right of the sidebar, the main content area displays the title "Smart Contracts1" and a search bar. A vertical sidebar on the right contains several labels with corresponding icons: "Plutus script code", "Script address", "Receiver address", "Lock transaction hash", "Unlock transaction hash", and "Wallet". At the bottom right of the main content area are two buttons: "Save" and "Car".

Comment by Dorus van der Kroft [ 08/Mar/25 ]

These are technical terms for interacting with a smart contract on the Cardano blockchain. Basically you 'lock' funds into the contract with a transaction and then 'unlock'

Multi Sig (CMP-52)

[↳ \[CMP-36\] Confusion on this page](#) Created: 06/Jan/25 Updated: 25/Mar/25 Resolved: 25/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Multi Sig

Type:	Bug	Priority:	Medium
Reporter:	Dorus van der Kroft	Assignee:	Dorus van der Kroft
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	CMP Sprint 4
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#### Description

Besides the fact that the typography doesn't allow to grasp hierarchy of information, it also is unclear what this page does.

#### Questions:

- Why is the title Treasury if it's called multi-sign in nav bar
- what is script hash
- Why are the words Required in large text
- Mandate, what is that, no description given. Assumption would be rules for multi-sign smart contract.
- 2 search buttons on screen with no info given. I know on click of left one a search box appears for script hash search, but still don't know what that means. More description text is needed
- Don't understand what button "Reset" will do, reset what, wording should be clearer.
- Transactions new delete and sign. This should be grouped separately from the rest, layout should be redesigned. And it should be on top of page. Then there's also the button create transaction, which I thought was for the button "New" under transactions.

<a href="#">Feedback Handling (CMP-48)</a>	
<a href="#">↳ [CMP-35] Proper error handling of failing transactions</a> Created: 16/Dec/24 Updated: 25/Mar/25	
Status:	Closed
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Feedback Handling

Type:	Story	Priority:	Medium
Reporter:	Dorus van der Kroft	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	CMP Sprint 3, CMP Sprint 4, CMP Sprint 5
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#### Comments

Comment by Dorus van der Kroft [ 11/Mar/25 ]

Closed, duplicate

[Feedback Handling \(CMP-48\)](#)[↳ \[CMP-34\] Metadata capped at 64 characters](#) Created: 16/Dec/24 Updated: 25/Mar/25 Resolved: 25/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	<a href="#">Feedback Handling</a>

Type:	Bug	Priority:	Medium
Reporter:	<a href="#">Dorus van der Kroft</a>	Assignee:	<a href="#">Derrick Kwagala</a>
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	CMP Sprint 4
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## Description

Make it possible to add longer metadata. It's currently capped at 64 characters but it is possible to facilitate longer strings by splitting them up in 64 character parts. Preferably this should be handled by the cardano client library.

- Investigate how to handle in cardano-client-lib
- Implement in the transaction handling java action
- Update the field on the UI (text area instead of text input)
- Update the meta-data field cap to allow unlimited text
- Add validation to make sure we don't hit transaction size limit

[Feedback Handling \(CMP-48\)](#)[↳ \[CMP-31\] edit and correct this text](#) Created: 15/Dec/24 Updated: 25/Mar/25 Resolved: 08/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	<a href="#">Feedback Handling</a>

Type:	Bug	Priority:	Medium
Reporter:	<a href="#">Dorus van der Kroft</a>	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Attachments:	image-20250225-183816.png	Screenshot 2025-03-08 at 12.16.07 AM.png
Sprint:	CMP Sprint 4	

## Description

The screenshot shows a web application for creating a wallet. At the top left is the LANDANO logo. On the left sidebar, there are links for 'Wallets' and 'Collapse'. The main title 'Create Wallet' is at the top right. Below it is a progress bar with three steps: 'Step 1' (highlighted with a blue circle), 'Step 2', and 'Step 3'. A yellow oval highlights a success message box containing text and a URL. The URL is: <https://beta.explorer.cardano.org/en/transaction/5c285b319dd830437d499d70655c60bae40a849ec4625>. A 'Close' button is at the bottom right of the message box. On the left sidebar, there is a 'Profile' section with a photo of Aaron Moguin.

#### Comments

Comment by [Aaron Moguin](#) [ 08/Mar/25 ]

Looks good!

The screenshot shows a Mendix application interface titled "Create Transaction". On the left is a sidebar with a "LANDANO" logo and a user profile for "Aaron Moguin". The main area has three circular steps: 1. Type of Transaction, 2. Transaction Details, and 3. Verify Transaction. Step 1 is active. A confirmation box is overlaid on the page, stating: "Confirmation" and "The transaction was successful and can be monitored at: <https://preprod.cardanoscans.io/transaction/225ce042e1617b49de27bdac06e6c1bca2>".

**Feedback Handling (CMP-48)**

↳ [CMP-30] refresh button : make it more obvious! Created: 15/Dec/24 Updated: 25/Mar/25

Status: Closed

<b>Project:</b>	Cardano Mendix-Plugin
<b>Components:</b>	None
<b>Affects versions:</b>	None
<b>Fix versions:</b>	None
<b>Parent:</b>	<a href="#">Feedback Handling</a>

<b>Type:</b>	Bug	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dorus van der Kroft</a>	<b>Assignee:</b>	Unassigned
<b>Resolution:</b>	Unresolved	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		

<b>Sprint:</b>	CMP Sprint 4, CMP Sprint 5

<a href="#">Feedback Handling</a> (CMP-48)			
<a href="#">↳ [CMP-27] wallet address not receive test ada</a> Created: 15/Dec/24 Updated: 25/Mar/25 Resolved: 24/Feb/25			
<b>Status:</b>	Done	<b>Priority:</b>	Medium
<b>Project:</b>	Cardano Mendix-Plugin	<b>Assignee:</b>	Unassigned
<b>Components:</b>	None	<b>Votes:</b>	0
<b>Affects versions:</b>	None		
<b>Fix versions:</b>	None		
<b>Parent:</b>	<a href="#">Feedback Handling</a>		
<b>Type:</b>	Bug	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dorus van der Kroft</a>	<b>Assignee:</b>	Unassigned
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		
<b>Sprint:</b>	CMP Sprint 4		

#### Description

i did not receive test ada into the wallet. first time, the transaction did not register, the hash had no record attached to it. second attempt, the hash revealed a transaction, but the ada never arrived in the wallet.
UPDATE: the ada was sent to the stake wallet, but never showed up as a balance here in sandbox. here's the hash for the second transaction: 8e6624ee692e640022391f8c651732f4be9f307ab02ce21beb6518ea274cc3fc

#### Comments

Comment by <a href="#">Dorus van der Kroft</a> [ 25/Feb/25 ]
Balance was not properly updated, only by pressing refresh button. Now balance is loaded together with the transactions.
Comment by <a href="#">Aaron Moguin</a> [ 08/Mar/25 ]
this is still a problem. the plugin interface told me the transaction was successful (between my two test wallets) but the hash <a href="https://t.ly/o1Jdu">https://t.ly/o1Jdu</a> has no content and no balance has moved between my two wallets.
UPDATE: balance corrected after another ~20 minutes, and only after a screen refresh. as in dorus' comment below from feb 25. I would think this should be fixed if possible so that it autorefreshes, again if possible.
Comment by <a href="#">Dorus van der Kroft</a> [ 08/Mar/25 ]
<a href="#">Aaron Moguin</a> it doesn't auto refresh. It needs a user action to refresh. Preprod can also be a bit slower. So, I'm counting this as done.

<a href="#">Feedback Handling</a> (CMP-48)
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[↳ \[CMP-25\] add copy buttons for the base and stake addresses](#) Created: 15/Dec/24 Updated: 25/Feb/25 Resolved: 25/Feb/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	<a href="#">Feedback Handling</a>

Type:	Bug	Priority:	Medium
Reporter:	<a href="#">Dorus van der Kroft</a>	Assignee:	<a href="#">Dorus van der Kroft</a>
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	CMP Sprint 4
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#### Comments

Comment by <a href="#">Dorus van der Kroft</a> [ 25/Feb/25 ]
Implemented.

<a href="#">Feedback Handling</a> (CMP-48)
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[↳ \[CMP-24\] Consider creating a copy button](#) Created: 15/Dec/24 Updated: 25/Mar/25

Status:	Closed
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	<a href="#">Feedback Handling</a>

Type:	Bug	Priority:	Medium
Reporter:	<a href="#">Dorus van der Kroft</a>	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	CMP Sprint 4, CMP Sprint 5
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#### Description

A copy button would save time and also ensures that the address is copied correctly
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#### Comments

Comment by <a href="#">Dorus van der Kroft</a> [ 25/Feb/25 ]
Closed. Duplicate

<a href="#">Transaction handling</a> (CMP-4)
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[↳ \[CMP-8\] Implement Smart Contract Interactions](#) Created: 30/Apr/24 Updated: 25/Mar/25 Resolved: 25/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Transaction handling

Type:	Story	Priority:	Medium
Reporter:	Dorus van der Kroft	Assignee:	Derrick Kwagala
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	CMP Sprint 3, CMP Sprint 4
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#### Description

As a developer, I need to enable users to interact with smart contracts directly from the Mendix platform, ensuring that these interactions are secure and efficient.

Please make sure to have this in a 3 step process:

1. Create the contract in Mendix  
With the compiled code and set the address
2. Lock the funds into the smart contract  
With the datum
3. Unlock the funds from the smart contract  
By providing the 'secret'

Also, make sure that the UI flow is done correctly. When you press 'Save' close the screen

#### Comments

Comment by Derrick Kwagala [ 24/Feb/25 ]
• handled the HelloWorld example.

Comment by Dorus van der Kroft [ 21/Mar/25 ]
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Please make sure to have this in a 3 step process:

1. Create the contract in Mendix  
With the compiled code and set the address
2. Lock the funds into the smart contract  
With the datum
3. Unlock the funds from the smart contract  
By providing the 'secret'

Also, make sure that the UI flow is done correctly. When you press 'Save' close the screen

Comment by Dorus van der Kroft [ 24/Mar/25 ]
Clean up logging

Transaction handling (CMP-4)
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#### ↳ [CMP-7] Integrate Native Token Transactions Created: 30/Apr/24 Updated: 25/Mar/25 Resolved: 25/Mar/25

Status:	Done
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Transaction handling

Type:	Story	Priority:	Medium
Reporter:	Dorus van der Kroft	Assignee:	Derrick Kwagala
Resolution:	Done	Votes:	0

<b>Labels:</b>	None
<b>Remaining Estimate:</b>	Not Specified
<b>Time Spent:</b>	Not Specified
<b>Original estimate:</b>	Not Specified
<b>Sprint:</b>	CMP Sprint 3, CMP Sprint 4

**Description**

As a developer, I want to provide support for creating and managing transactions involving native tokens, not just ADA, within the Mendix environment

Both NFTs as FTs should be supported.

On the UI make it possible to add one or more recipients. Per recipient allow 1 ADA value and allow 0 or more tokens.

The user should be allowed to enter an ADA value which should be converted to lovelace

For other tokens we will only allow integer values

A transaction should be validated before signing to see if the wallet has enough balance for ADA as well as tokens

**Transaction handling (CMP-4)****[CMP-6] Support Multi-Signature Transactions** Created: 30/Apr/24 Updated: 25/Mar/25 Resolved: 25/Mar/25

<b>Status:</b>	Done
<b>Project:</b>	Cardano Mendix-Plugin
<b>Components:</b>	None
<b>Affects versions:</b>	None
<b>Fix versions:</b>	None
<b>Parent:</b>	<a href="#">Transaction handling</a>

<b>Type:</b>	Story	<b>Priority:</b>	Medium
<b>Reporter:</b>	<a href="#">Dorus van der Kroft</a>	<b>Assignee:</b>	<a href="#">Dorus van der Kroft</a>
<b>Resolution:</b>	Done	<b>Votes:</b>	0
<b>Labels:</b>	None		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		
<b>Original estimate:</b>	Not Specified		

<b>Sprint:</b>	CMP Sprint 3, CMP Sprint 4
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**Description**

As a developer, I need to implement the capability for users to create multi-witness transactions to enhance security and meet complex transaction requirements.

- Create a Multisig Script (DONE)
- Add witnesses or signatories (90% WIP)
- Transfer funds to the scripts from any wallet (WIP)
- Transfer funds from the script to a single recipient address.
  - Handle multisig signing
- Error handling!