[CMP-10] Query the chain Created: 30/Apr/24 Updated: 13/May/24

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

Type:	Epic	**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:	

Description

- **Transaction Confirmation:** Implement a system to query the blockchain and confirm transaction status, ensuring that the application can react to transaction outcomes in real-time.
- **Integration with Mendix Data Management:** Ensure that transaction results can be seamlessly integrated and utilized within the broader context of Mendix application workflows.

[CMP-4] Transaction handling Created: 30/Apr/24 Updated: 13/May/24

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

Type:	Epic	**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:	

Description

- **Building Transactions:** Implement functionalities to construct various types of transactions (transfer, multi-witness, native token, smart contracts).
- **Signing Transactions:** Develop a secure method for signing transactions within the Mendix environment.
- **Transaction Submission:** Facilitate the process of submitting transactions to the Cardano network directly from Mendix applications.

[CMP-1] Cardano Wallets Integration Created: 04/Apr/24 Updated: 13/May/24

Status:	To Do

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

Type:	Epic	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:	

Description

- **Server-Side Wallet Implementation:** Develop capabilities to manage wallet functionalities on the server side, including key management and security measures.
- **Client-Side Wallet Interface:** Create a user-friendly client interface for wallet interactions within Mendix apps, incorporating CIP-30 for wallet connectivity.

[CMP-3] Cardano Library Created: 04/Apr/24 Updated: 04/Apr/24

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

Type:	Epic	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-2] Blockfrost Connector Created: 04/Apr/24 Updated: 04/Apr/24

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

Type:	Epic	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:	

Query the chain (CMP-10)

↳ [CMP-20] Integrate Transaction Data with Mendix Data Models Created: 13/May/24 Updated: 13/May/24

Status:	To Do
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Query the chain

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:	

Description

As a developer, I need to ensure that transaction data from the Cardano blockchain can be integrated smoothly with existing Mendix data models, allowing for enhanced data manipulation and presentation.

Query the chain (CMP-10)

↳ [CMP-19] Query Transaction Details Created: 13/May/24 Updated: 13/May/24

Status:	To Do
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Query the chain

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:	

Description

As a developer, I want to provide functionality to query detailed information about transactions, such as transaction IDs, amounts, and participants, enabling thorough tracking and auditing within the application.

Query the chain (CMP-10)

↳ **[CMP-18]** Receive Transaction Confirmations Created: 13/May/24 Updated: 13/May/24

Status:	To Do
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Query the chain

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:	

Description

As a user, I need to receive confirmations for transactions so that I can be assured of their success and proceed with subsequent operations within the Mendix application

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Query the chain (CMP-10)

↳ **[CMP-9]** Check Transaction Status Created: 30/Apr/24 Updated: 13/May/24

Status:	To Do
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Query the chain

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:	

Description

As a developer, I want to enable users to check the status of their submitted transactions, ensuring they can quickly determine if a transaction was successful or failed.

Transaction handling (CMP-4)

↳ **[CMP-17] Transaction Submission Process** Created: 13/May/24 Updated: 13/May/24

Status:	To Do
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:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	

Description

As a developer, I need to create a smooth and reliable process for users to submit their transactions to the Cardano network directly from the Mendix application.

Transaction handling (CMP-4)

↳ **[CMP-16] Facilitate Transaction Signing** Created: 13/May/24 Updated: 13/May/24

Status:	To Do
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:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		

Time Spent:	Not Specified
Original estimate:	Not Specified

Sprint:	

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.

Transaction handling (CMP-4)

↳ [CMP-8] Implement Smart Contract Interactions Created: 30/Apr/24 Updated: 13/May/24

Status:	To Do
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:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	

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.

Transaction handling (CMP-4)

↳ [CMP-7] Integrate Native Token Transactions Created: 30/Apr/24 Updated: 13/May/24

Status:	To Do
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:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		

Remaining Estimate:	Not Specified
Time Spent:	Not Specified
Original estimate:	Not Specified

Sprint:	

Description

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

Transaction handling (CMP-4)

↳ **[CMP-6] Support Multi-Witness Transactions** Created: 30/Apr/24 Updated: 13/May/24

Status:	To Do
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:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Sprint:	

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.

Transaction handling (CMP-4)

↳ **[CMP-5] Build Transfer Transactions** Created: 30/Apr/24 Updated: 13/May/24

Status:	To Do
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:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		

Remaining Estimate:	Not Specified
Time Spent:	Not Specified
Original estimate:	Not Specified

Sprint:	

Description

As a developer, I want to enable users to construct simple ADA transfer transactions within the Mendix application, ensuring a straightforward process for basic transactions.

Cardano Wallets Integration (CMP-1)

↳ [CMP-15] Client-Side Interface for Wallet Interaction Created: 13/May/24 Updated: 13/May/24

Status:	To Do
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Cardano Wallets Integration

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:	

Description

As a user, I want a user-friendly interface in my Mendix application to view my wallet balance, send, and receive ADA and native tokens.

Cardano Wallets Integration (CMP-1)

↳ [CMP-14] Wallet Security Features Created: 13/May/24 Updated: 13/May/24

Status:	To Do
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Cardano Wallets Integration

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:	

Description

As a developer, I need to integrate advanced security features, such as encryption and multi-factor authentication, to protect wallet data on both the server and client sides.

Cardano Wallets Integration (CMP-1)

↳ [CMP-13] Client-Side Wallet Connectivity (CIP-30) Created: 13/May/24 Updated: 13/May/24

Status:	To Do
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Cardano Wallets Integration

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:	

Description

As a user, I want to connect my Cardano wallet directly from the client-side application, using CIP-30 to ensure secure interactions with the blockchain.

Cardano Wallets Integration (CMP-1)

↳ [CMP-12] Implement Wallet Recovery Created: 13/May/24 Updated: 13/May/24

Status:	To Do
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Cardano Wallets Integration

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:	

Description

As a developer, I need to implement wallet recovery systems to ensure users can regain access to their wallets in case of lost credentials.

Cardano Wallets Integration (CMP-1)

↳ [CMP-11] Server-Side Wallet Creation Created: 13/May/24 Updated: 13/May/24

Status:	To Do
Project:	Cardano Mendix-Plugin
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	Cardano Wallets Integration

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:	

Description

As a developer, I want to be able to create and manage wallets on the server so that they can securely store user keys and manage Cardano assets.

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