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Sensitivity: Internal & Restricted

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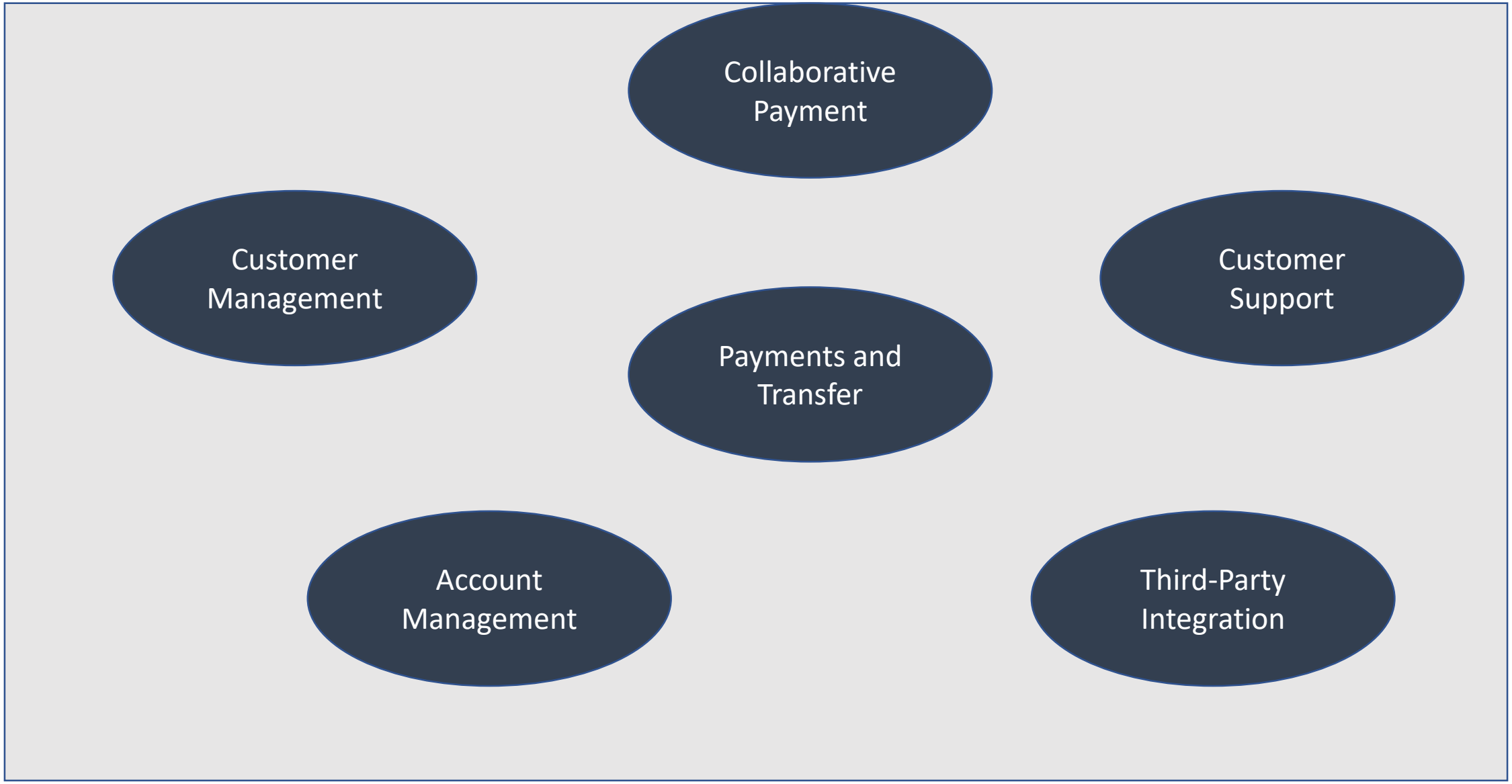
Wallet Application Domain



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Domain classification

Core Domain

- Payments and Transfers

Supporting Domain

- Account Management
- Customer Registration
- Third-Party integration
- Collaborative payment

Generic Domain

- Customer Support
- KYC Management

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Ubiquitous language

Payments and Transfer Subdomain

- Customer
- Payment
- Transfer
- Bank

Customer Registration Subdomain

- Customer
- Bank
- Loyalty
- Payment history

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Domain Modelling

Payments and Transfer Subdomain

- Customer
- Payments
- Group Payment
- Transfer
- Bank

Customer Registration Subdomain

- Customer
- Bank
- Loyalty
- Payment history

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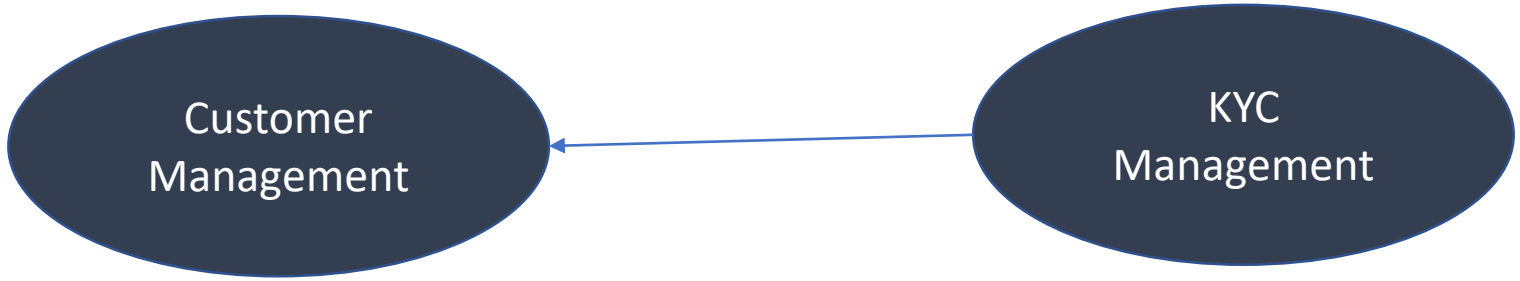
Context Mapping – Team relationship

Conformist Relationship between Customer management and KYC management with Anti corruption layer on the customer management side and OHS on the KYC management side.



Partnership relationship between Customer Management and Account Management

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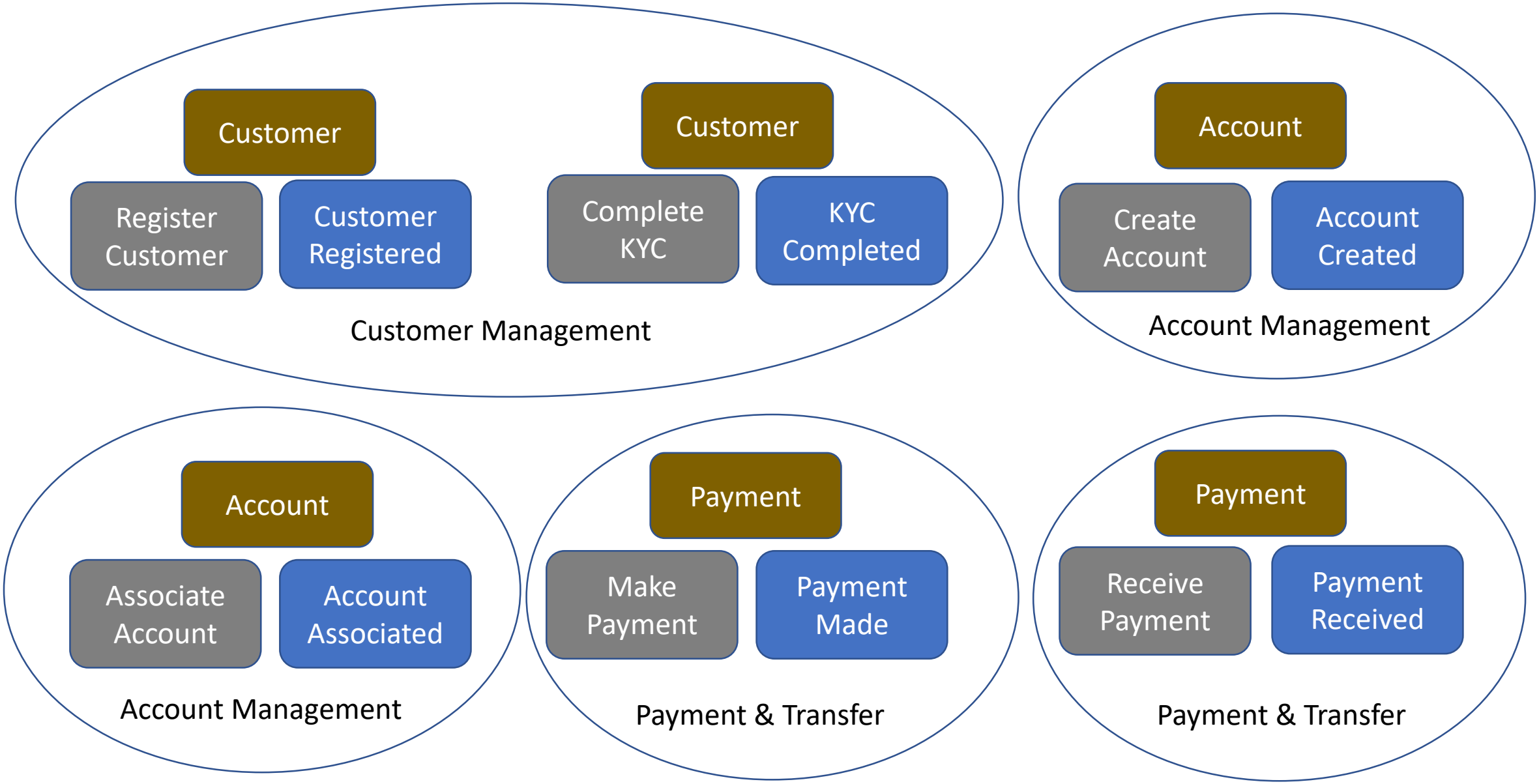
Event Storming



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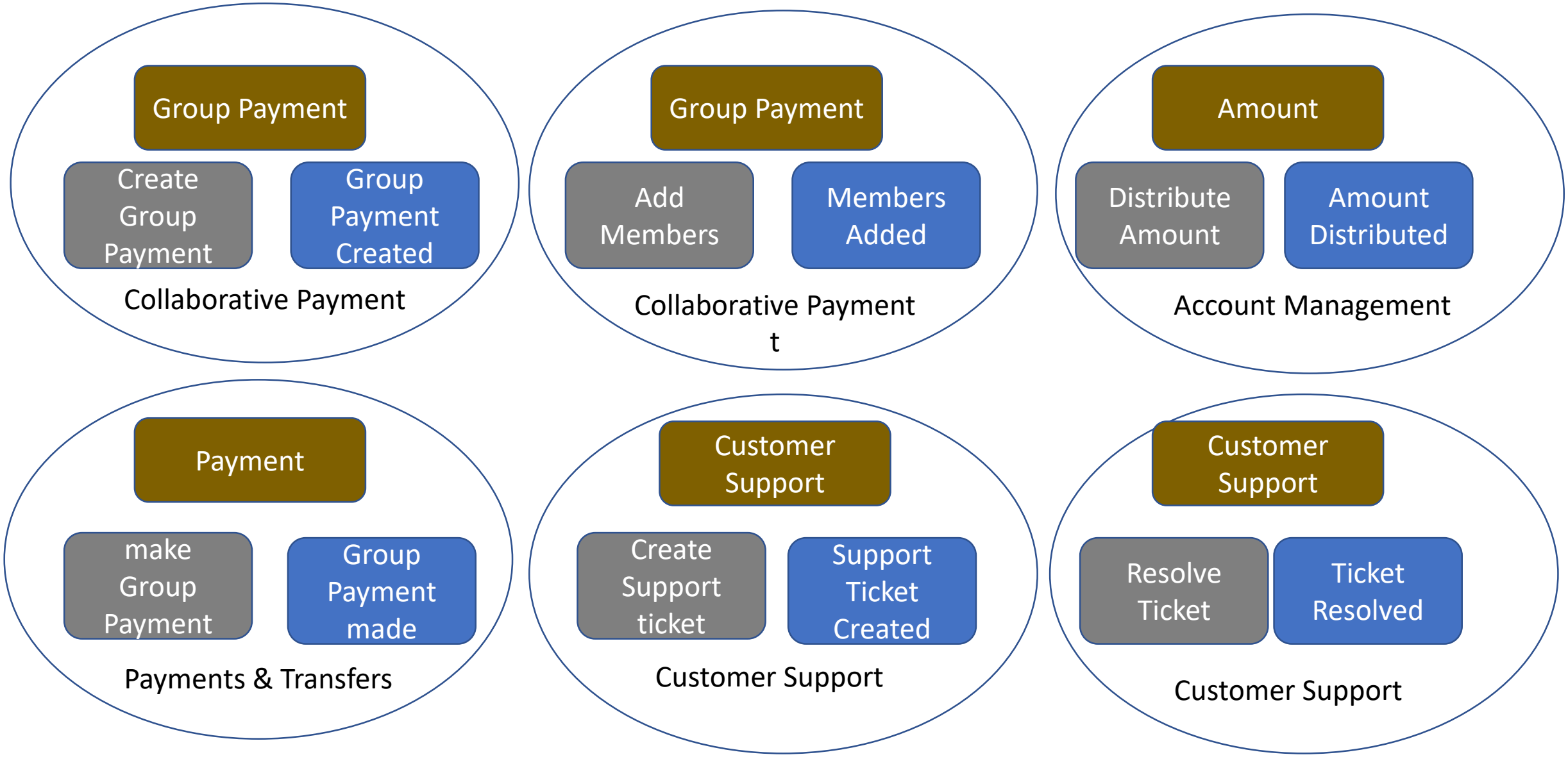
Event Storming Contd…



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Integration Considerations

- The Wallet application integrates with the customer master using the customer Adapter and gets the account information of the existing customer.
- The Wallet application integrates with the core banking application for all the payment and transfers.
- The Wallet application integrates with the third party wallet providers using the Third party adapter.
- The wallet application stores the operational data and events data in the database.
- The wallet application is accessed using a mobile application or using a web application

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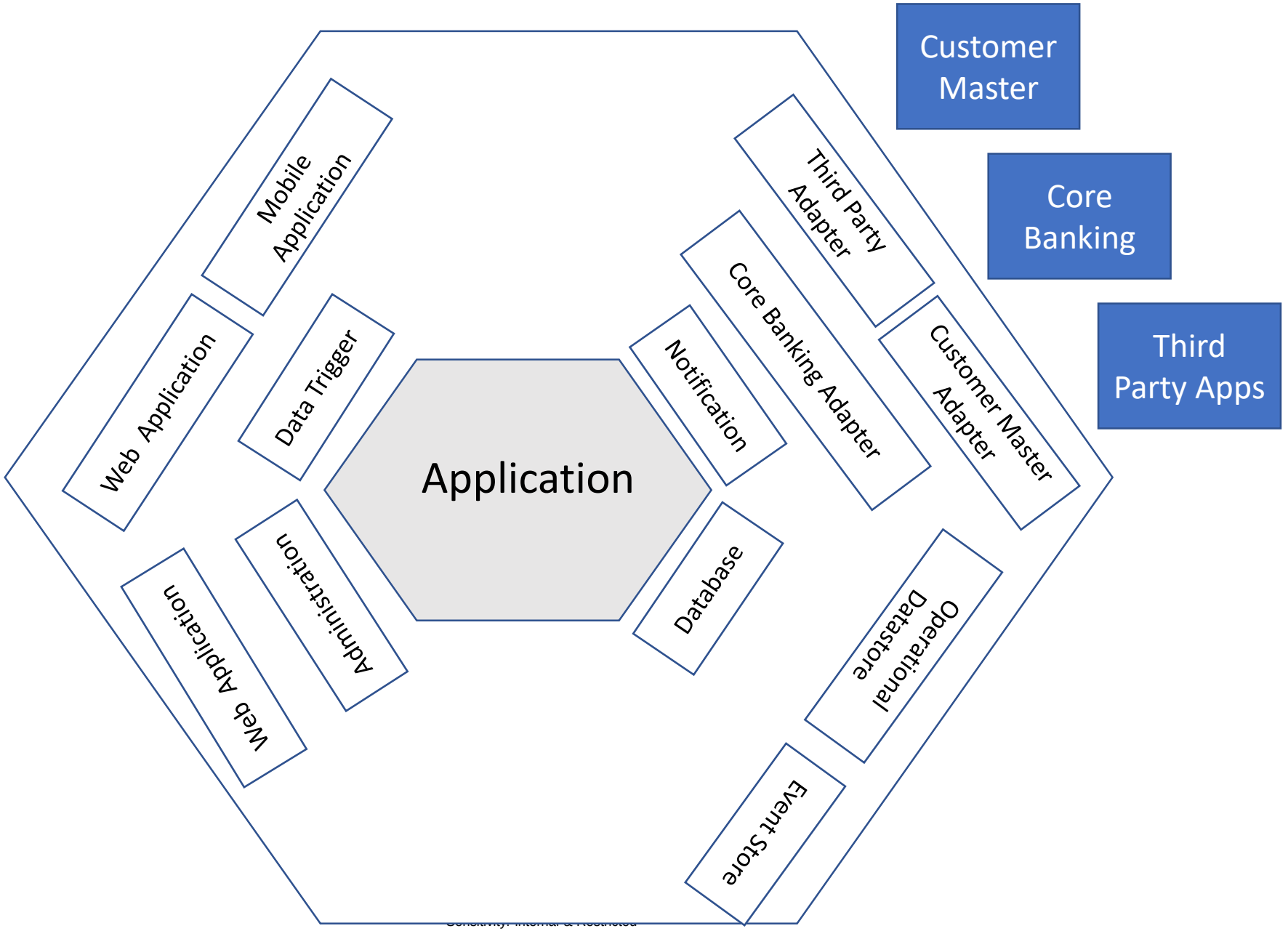
Integration Architecture



Hexagonal Architecture