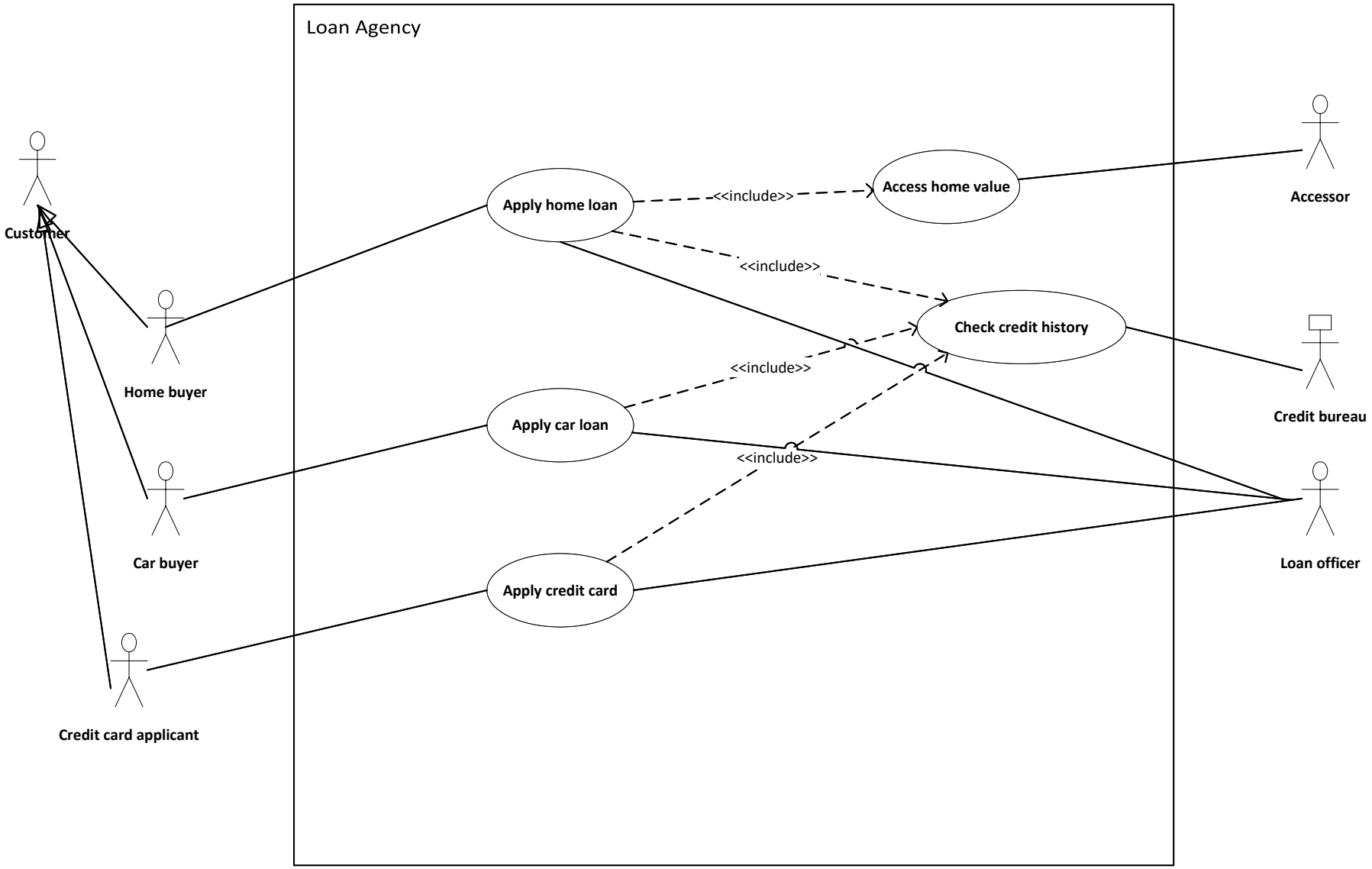
Use Case


Loan Agency
Customer
Home buyer
Car buyer
Credit card applicant
Apply home loan
Apply car loan
Apply credit card
<<include>>
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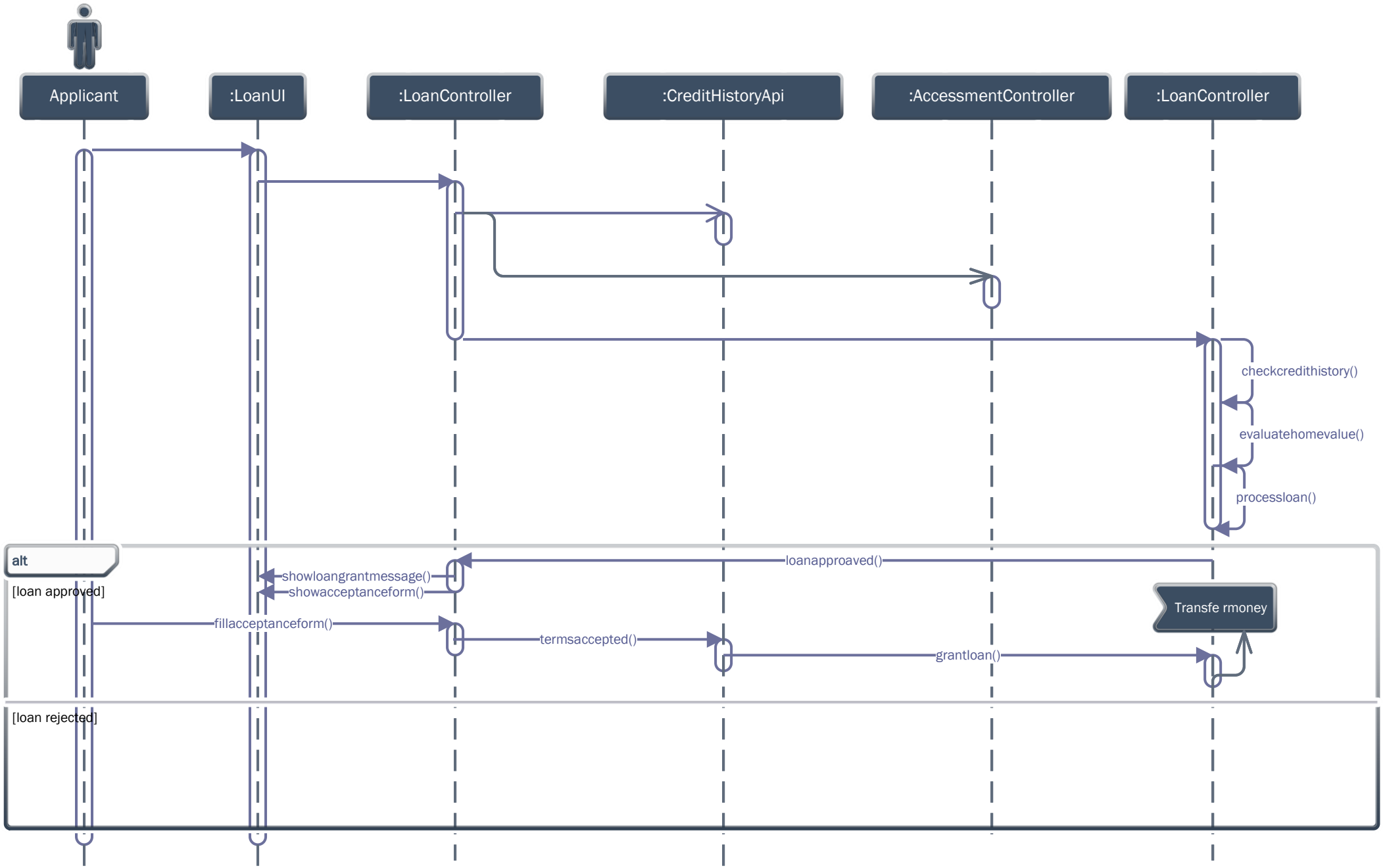
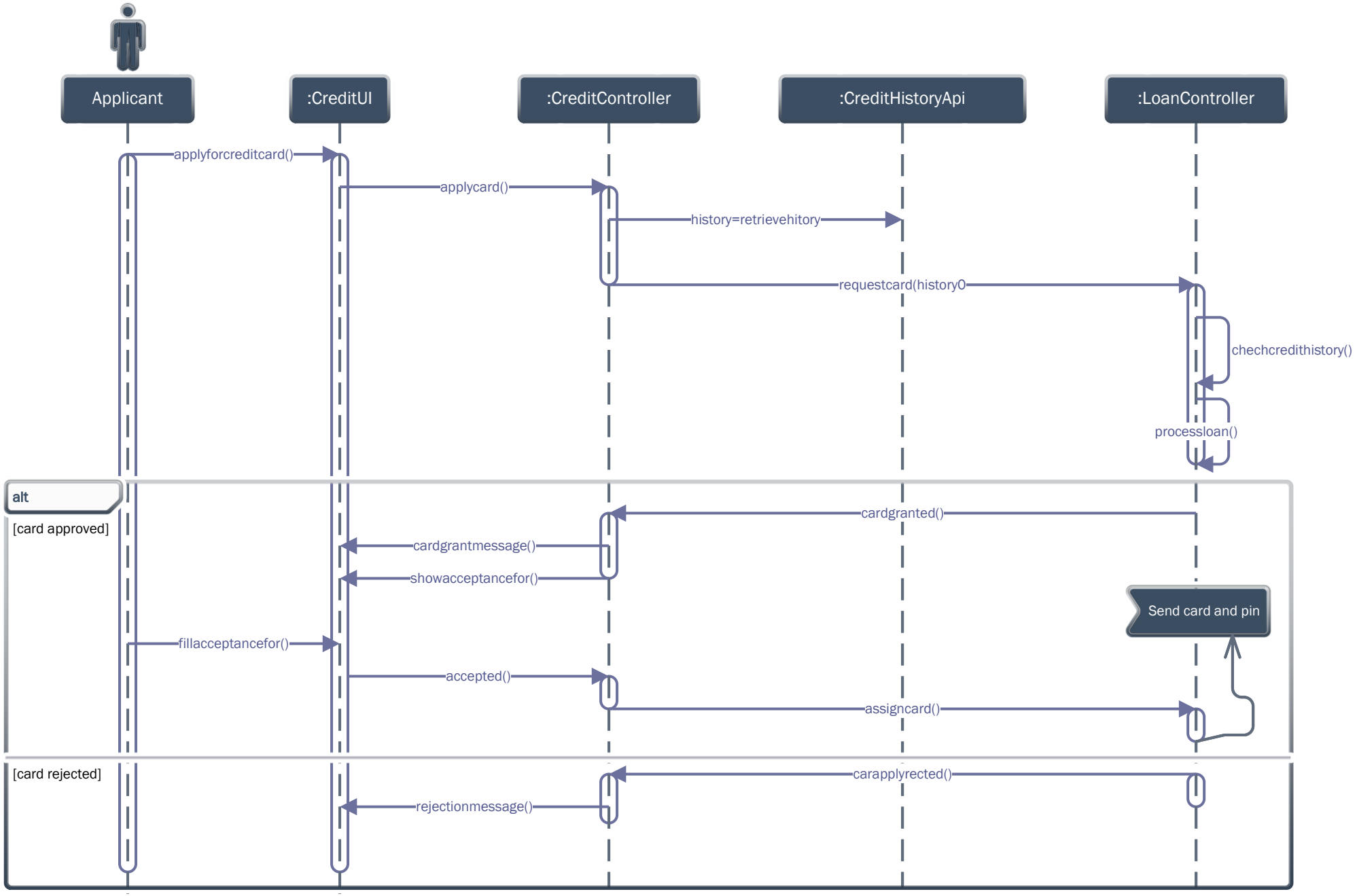
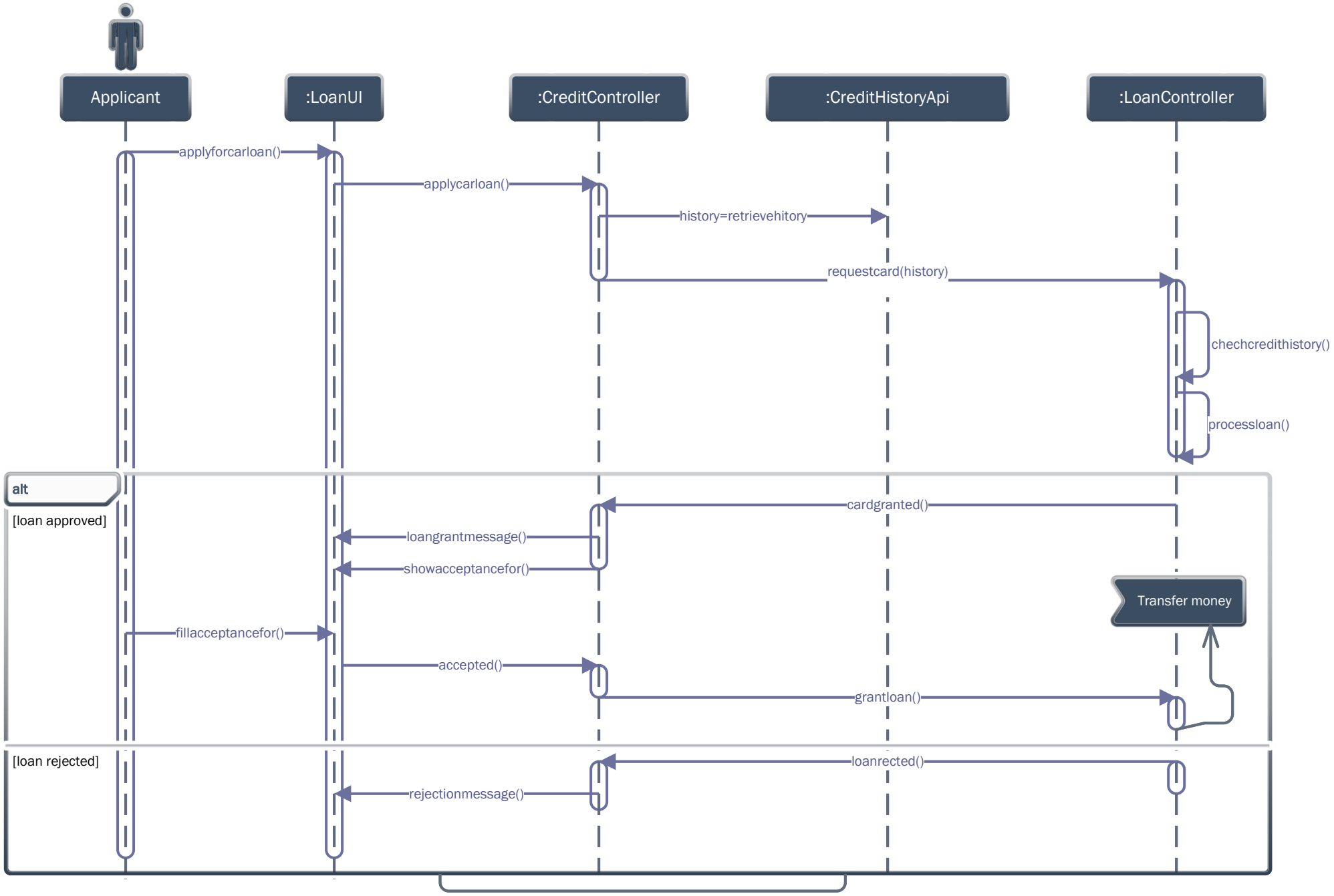
Access home value
Check credit history
Accessor
Credit bureau
Loan officer



Sequence Home Loan

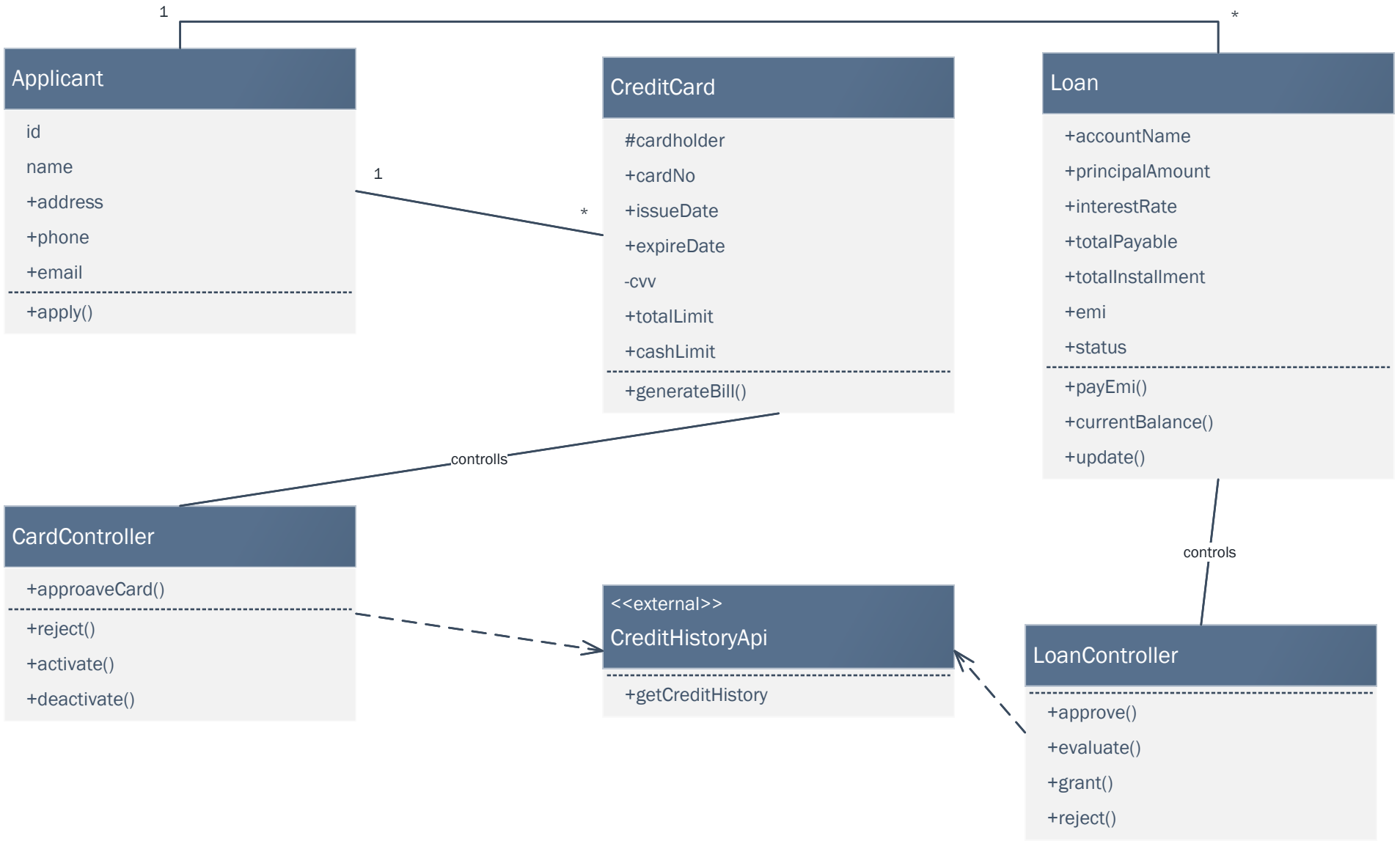


Sequence Card application

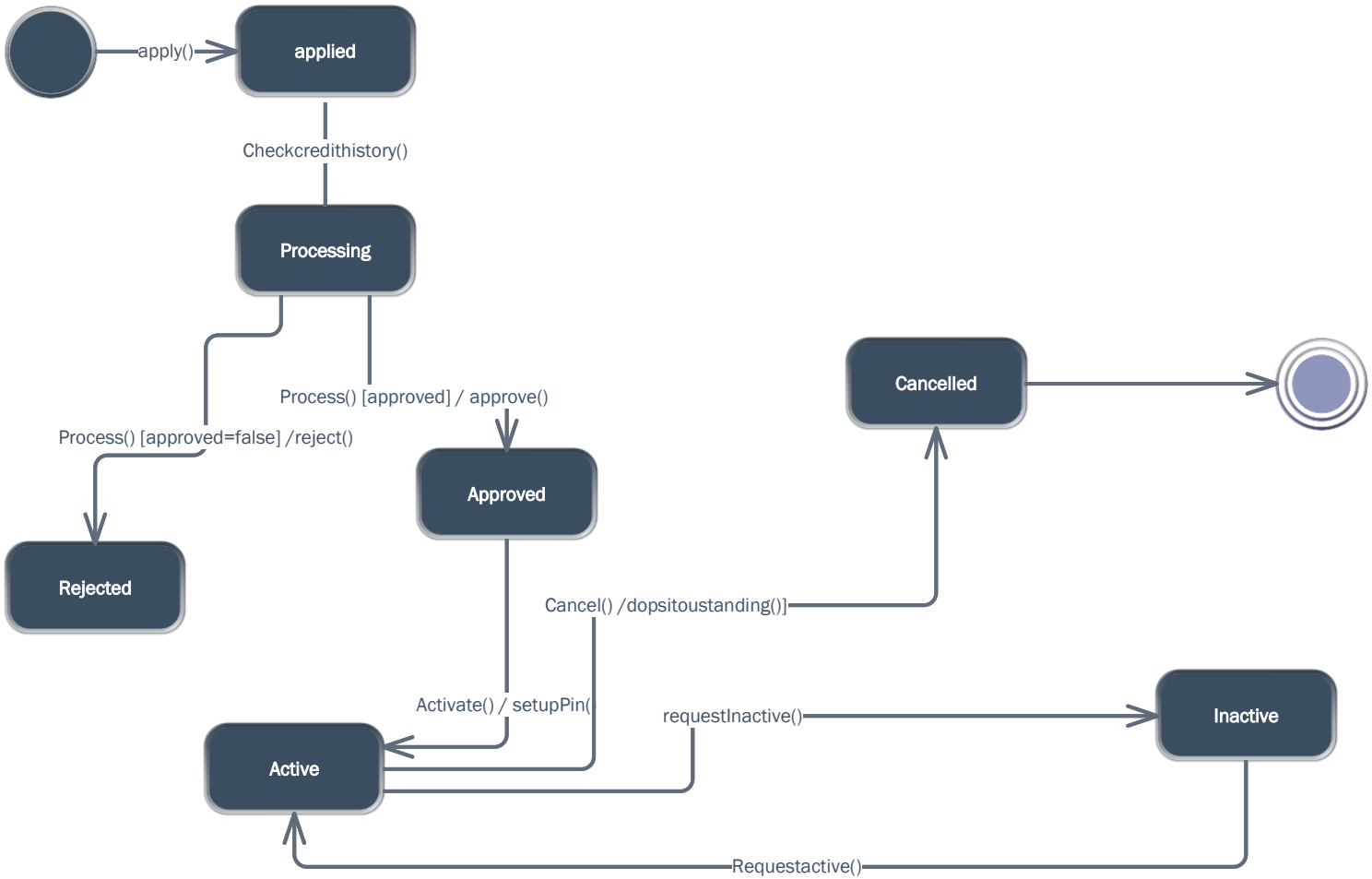


Sequence Car Loan

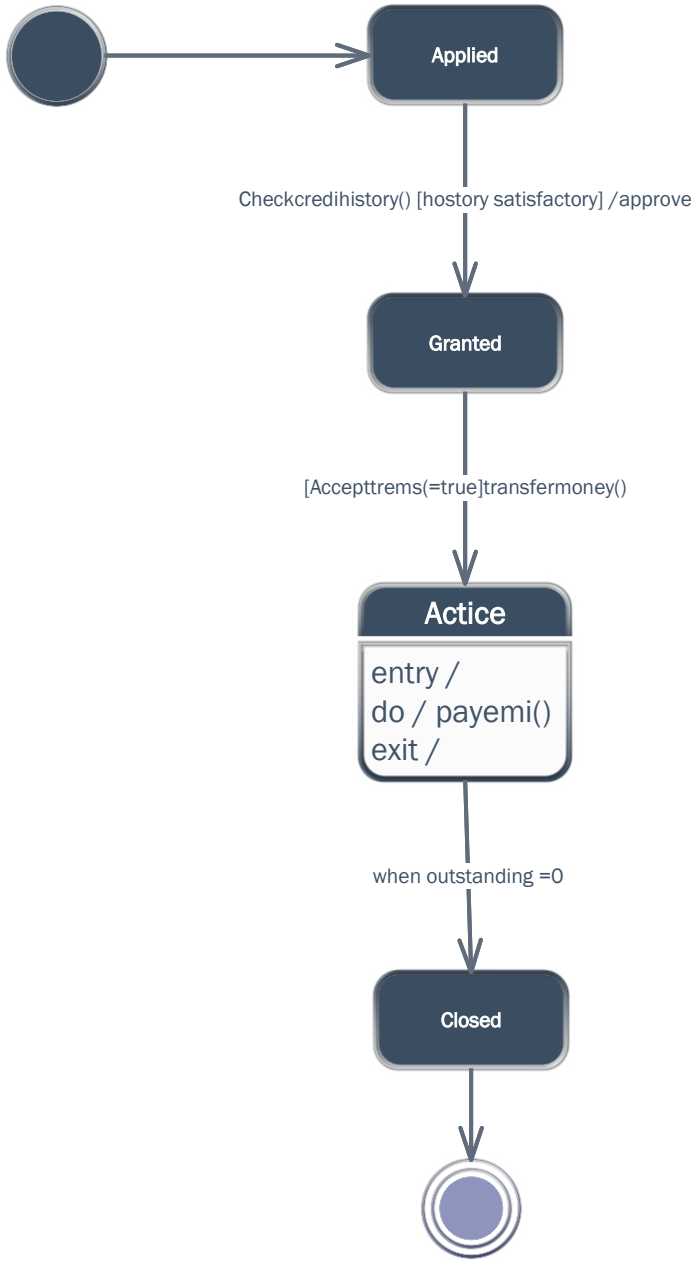
Class Diagram

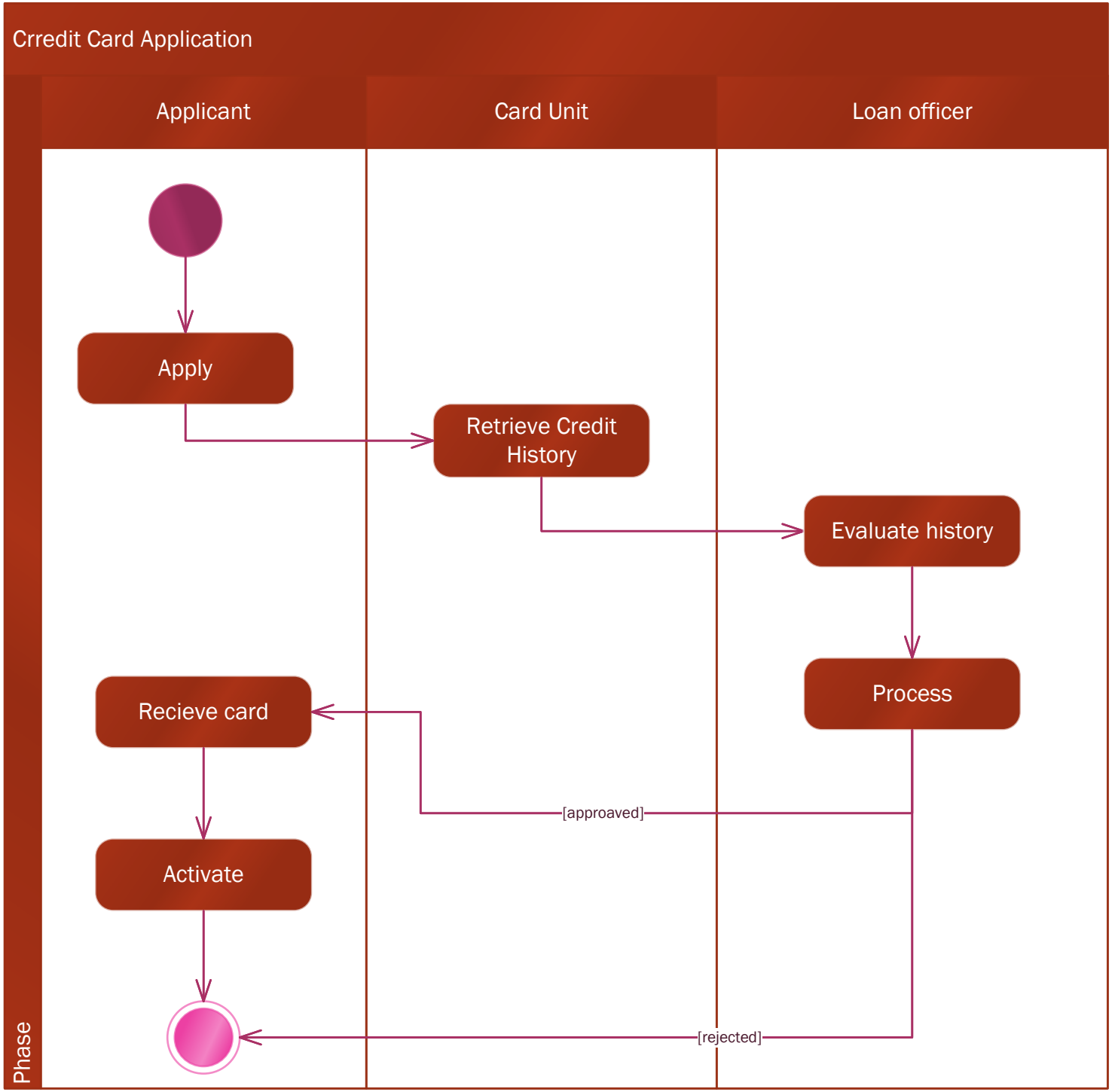


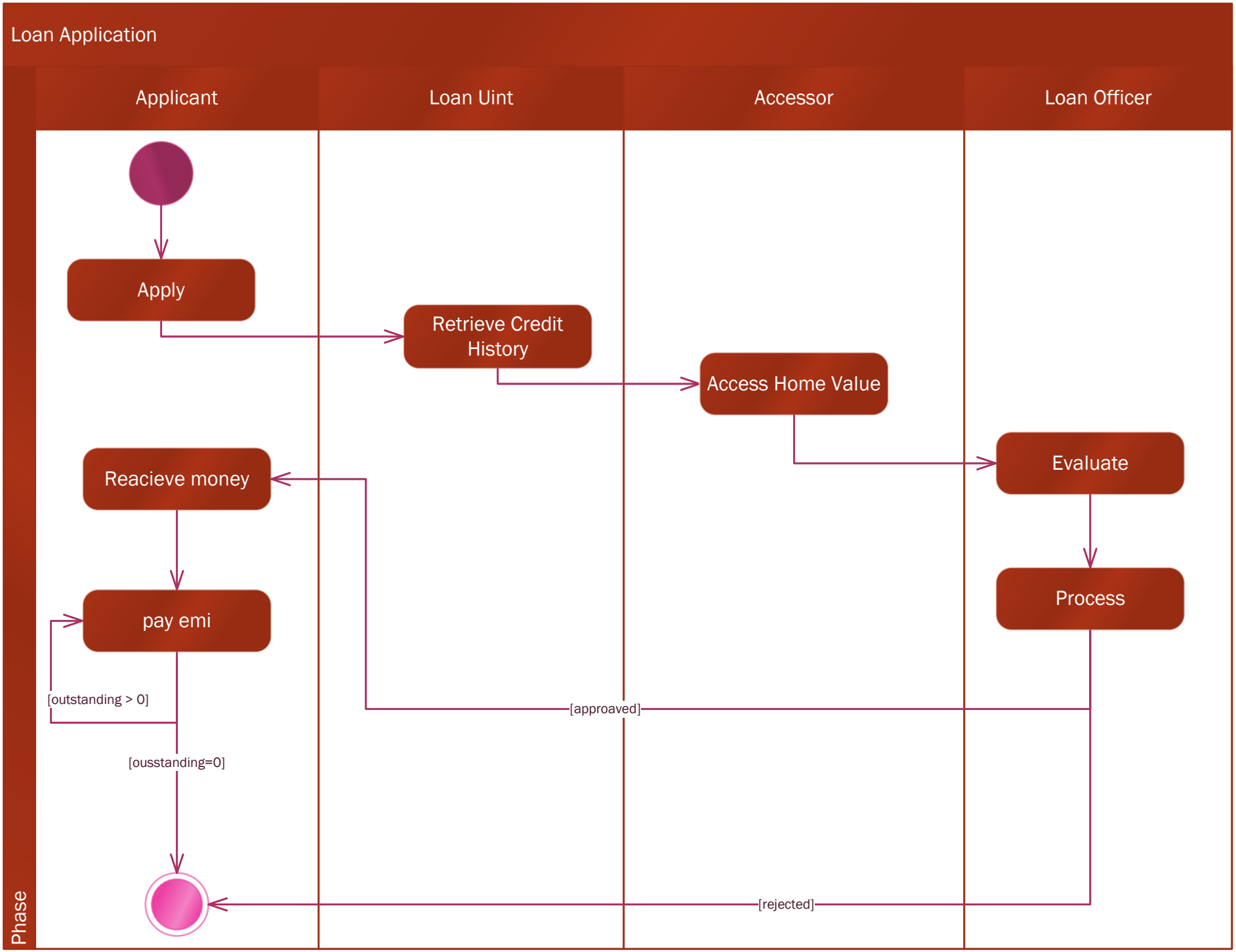
Statechart Card Diagram



Satechart Loan Diagram




Crredit Card Application
Applicant
Card Unit
Loan officer
Apply
Retrieve Credit History
Evaluate history
Process
Recieve card
Activate
[approaved]
[rejected]
Phase


Loan Application
Applicant
Loan Uint
Accessor
Loan Officer
Apply
Retrieve Credit History
Access Home Value
Evaluate
Reacieve money
pay emi
Process
[outstanding > 0]
[approaved]
[ousstanding=0]
[rejected]
Phase

CRC Card Diagram

Class: Applicant	
Responsibilities Apply for Loan Provide necessary information	**Collaborator** Loan

Class: Card Controller	
Responsibilities Card Approval Reject Activate Deactivate	**Collaborator** CreditCard

Class: Loan	
Responsibilities Check information Check Balance Update Balance	**Collaborator** Applicant Loan controller

Class: CreditCard	
Responsibilities Withdraw balance Transfer balance Check balance Get History	**Collaborator** Applicant Car Controller

Class: Loan Controller	
Responsibilities Loan approval Evaluate Accept Loan Reject Loan	**Collaborator** Loan