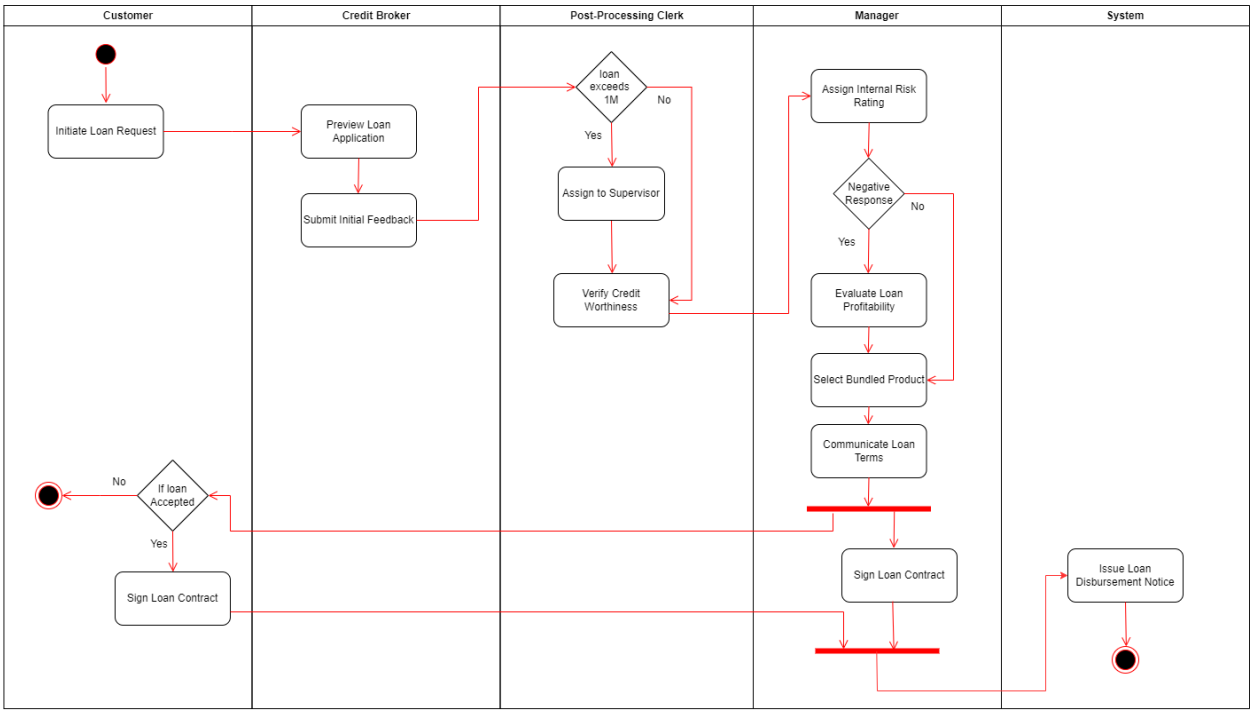
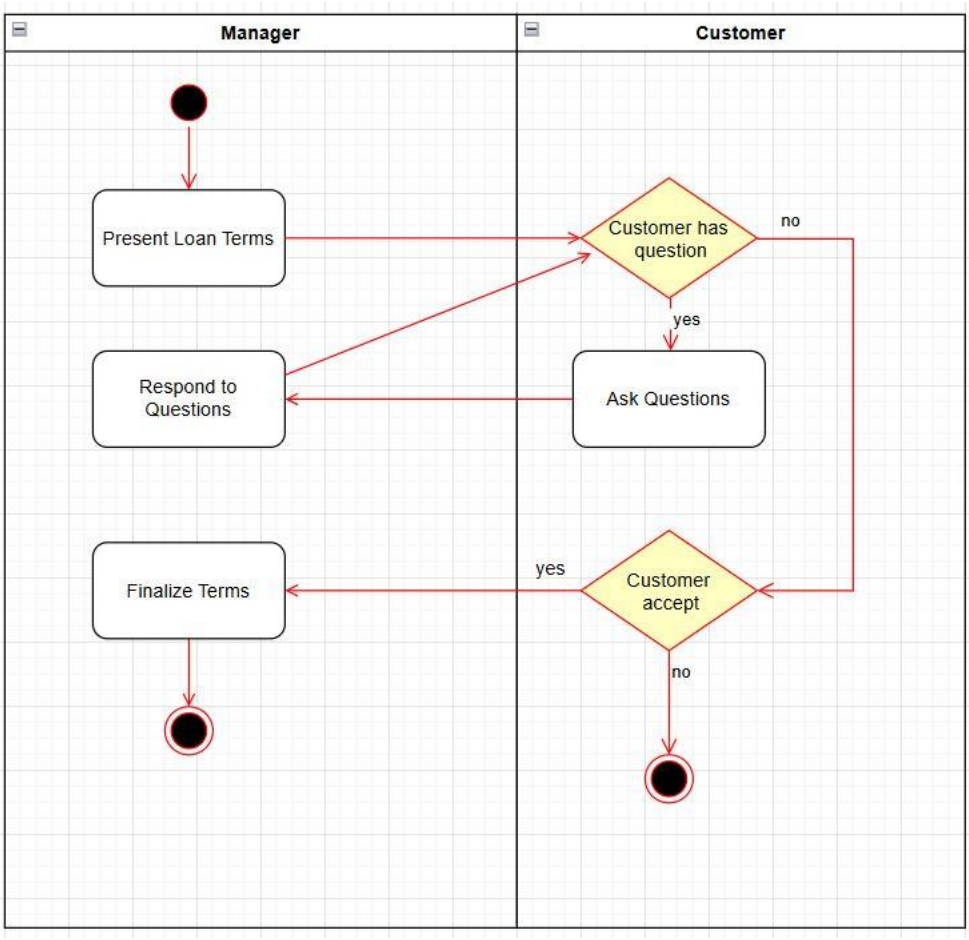
# Technical Report #3

## Activity Diagram for The Whole System

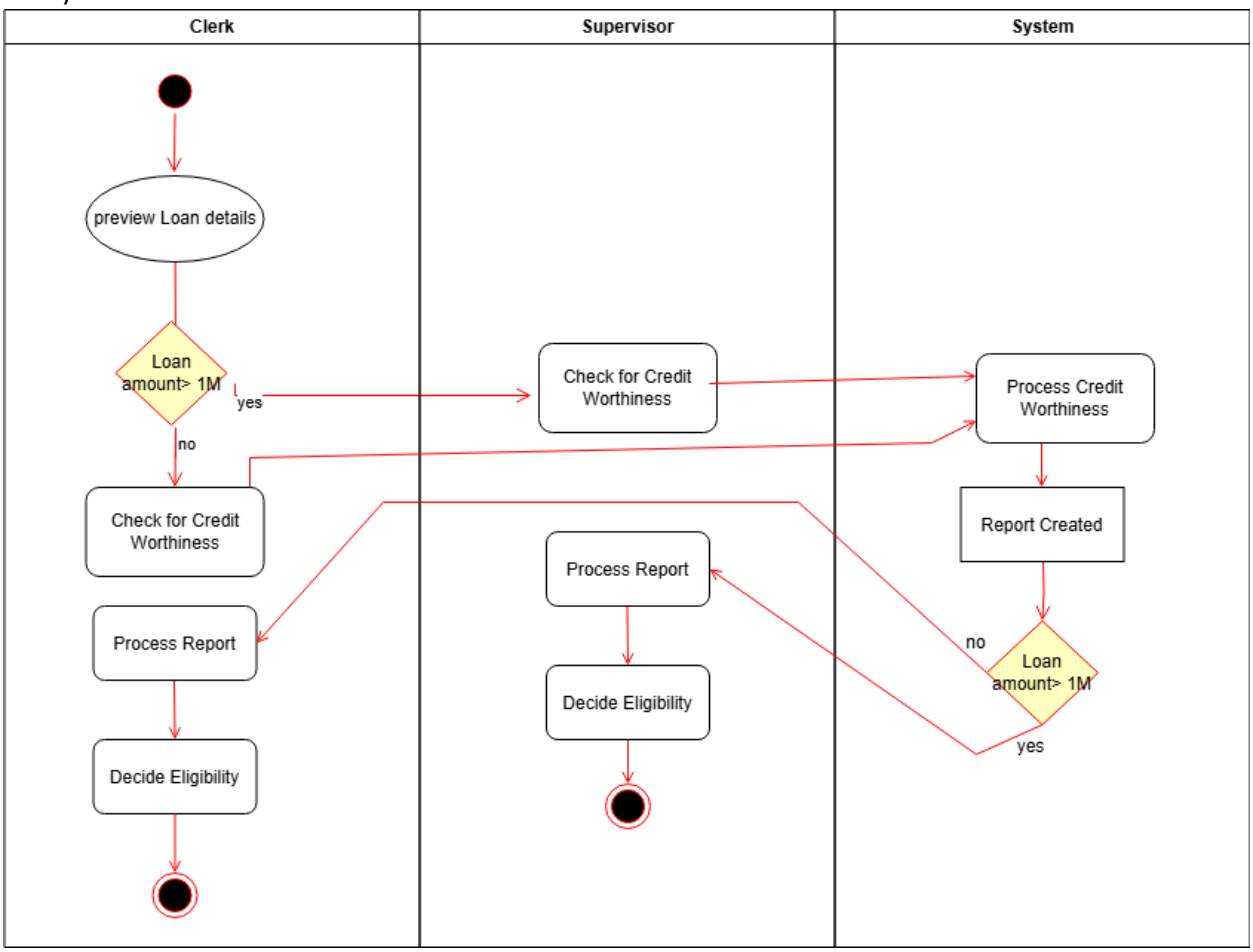


# Activity Diagram For 3 Complex Use Cases

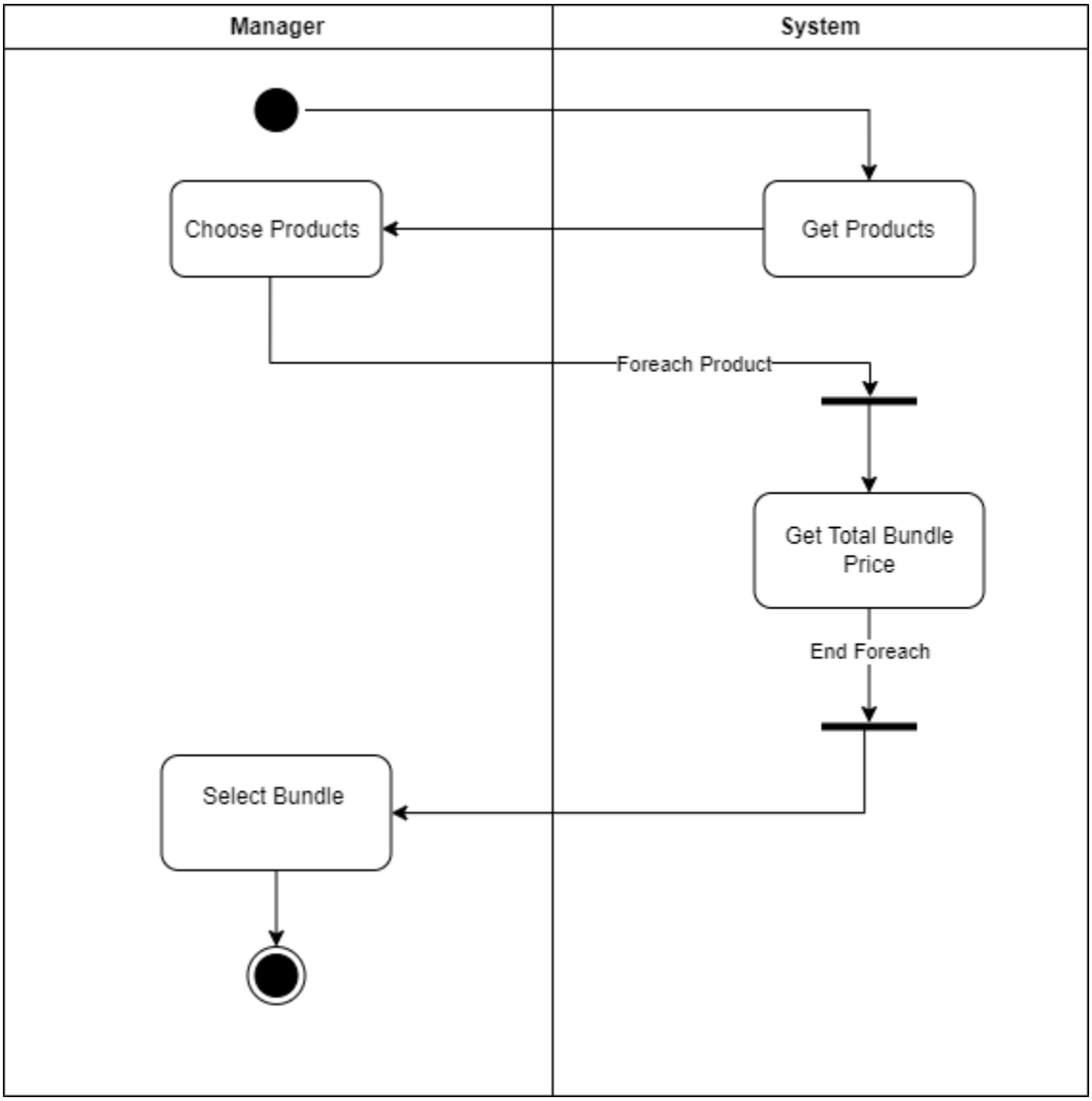
1. Communicate Loan Terms



2. Verify Credit Worthiness

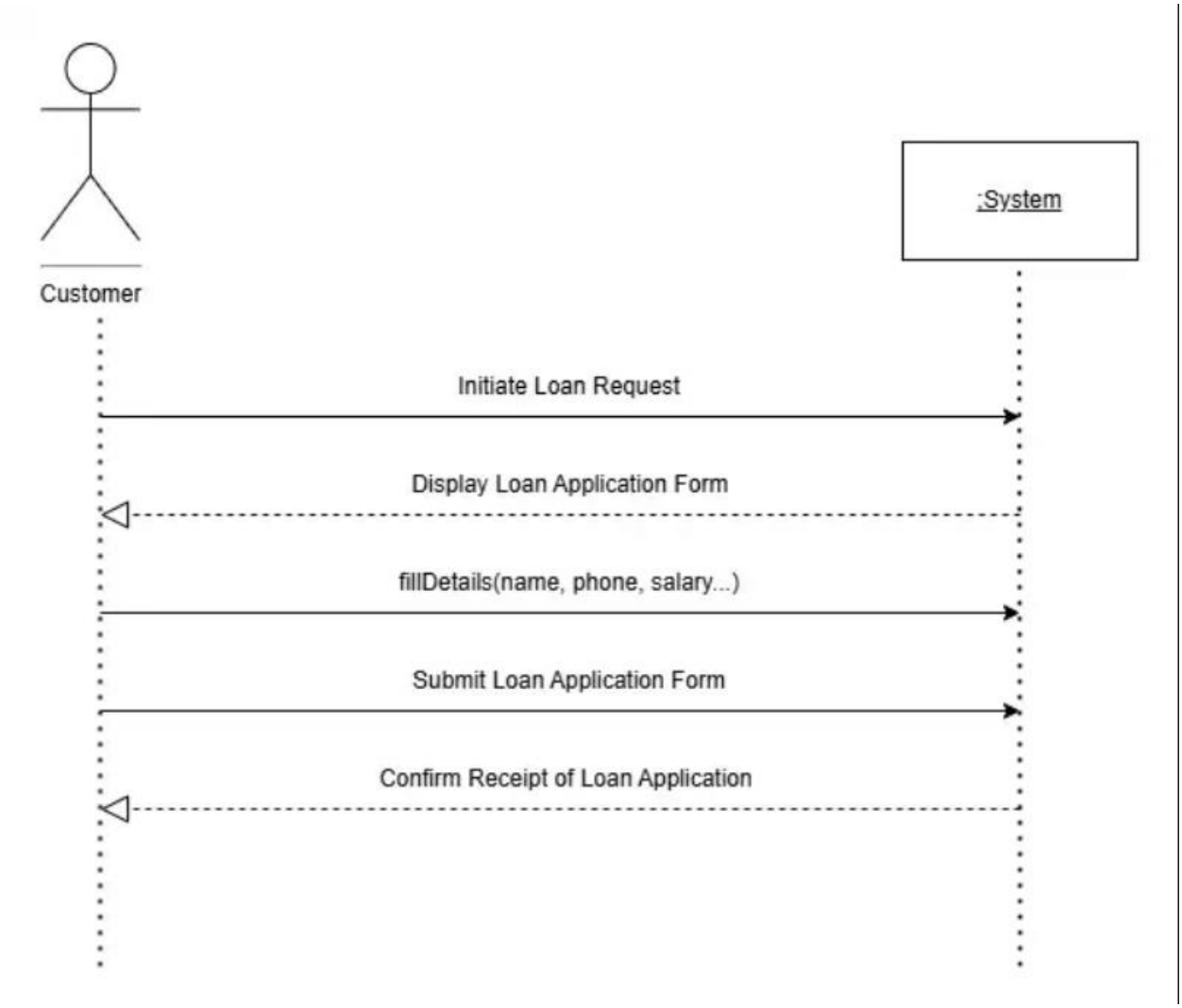


3. Select Bundled Product

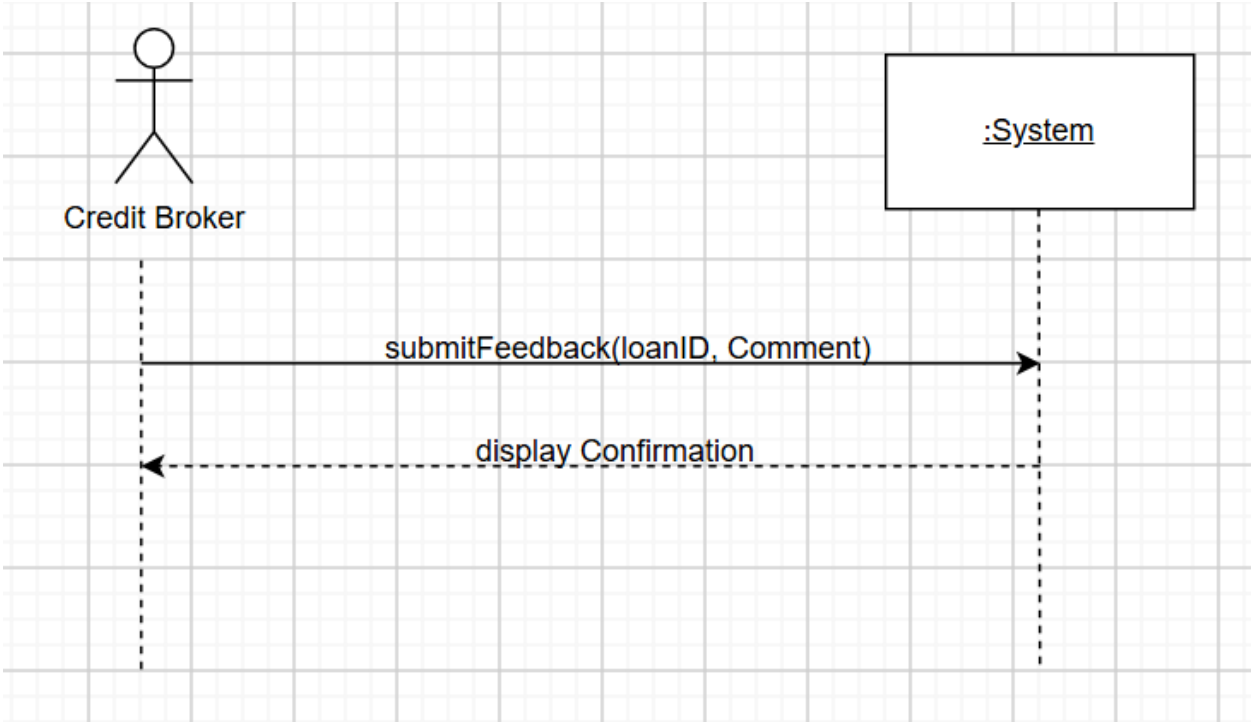


# System Sequence Diagram

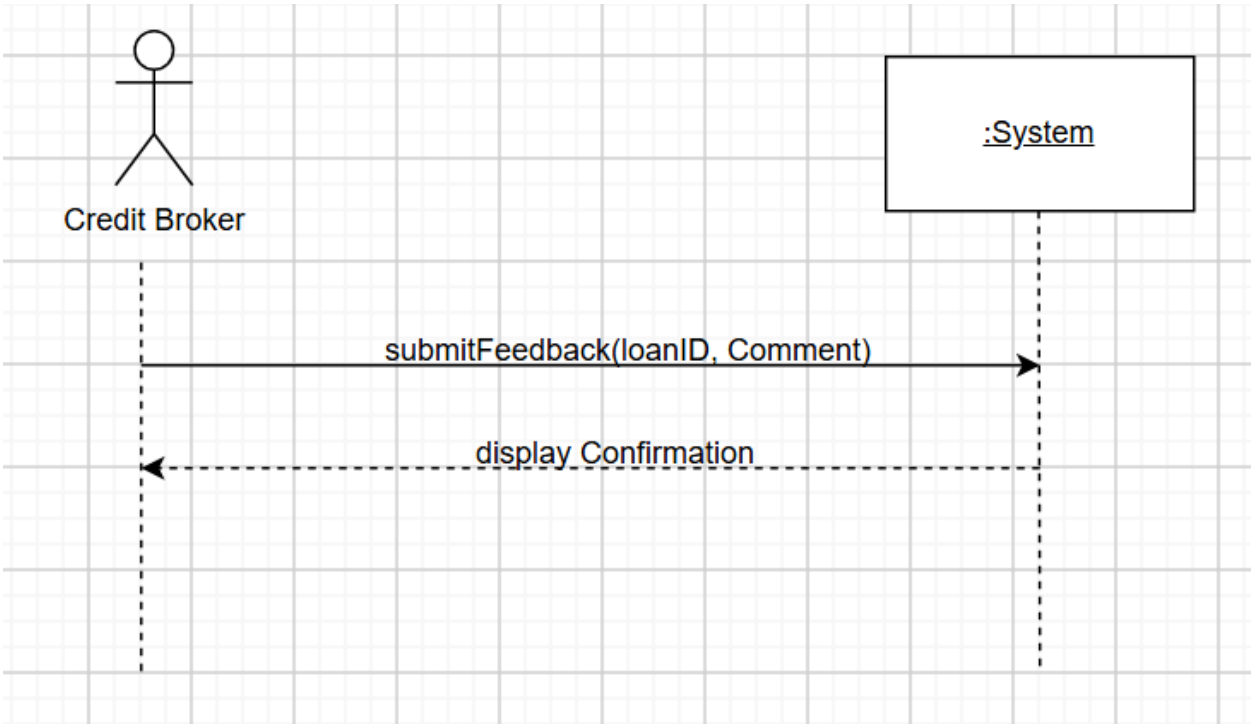
1. Initiate Loan Request



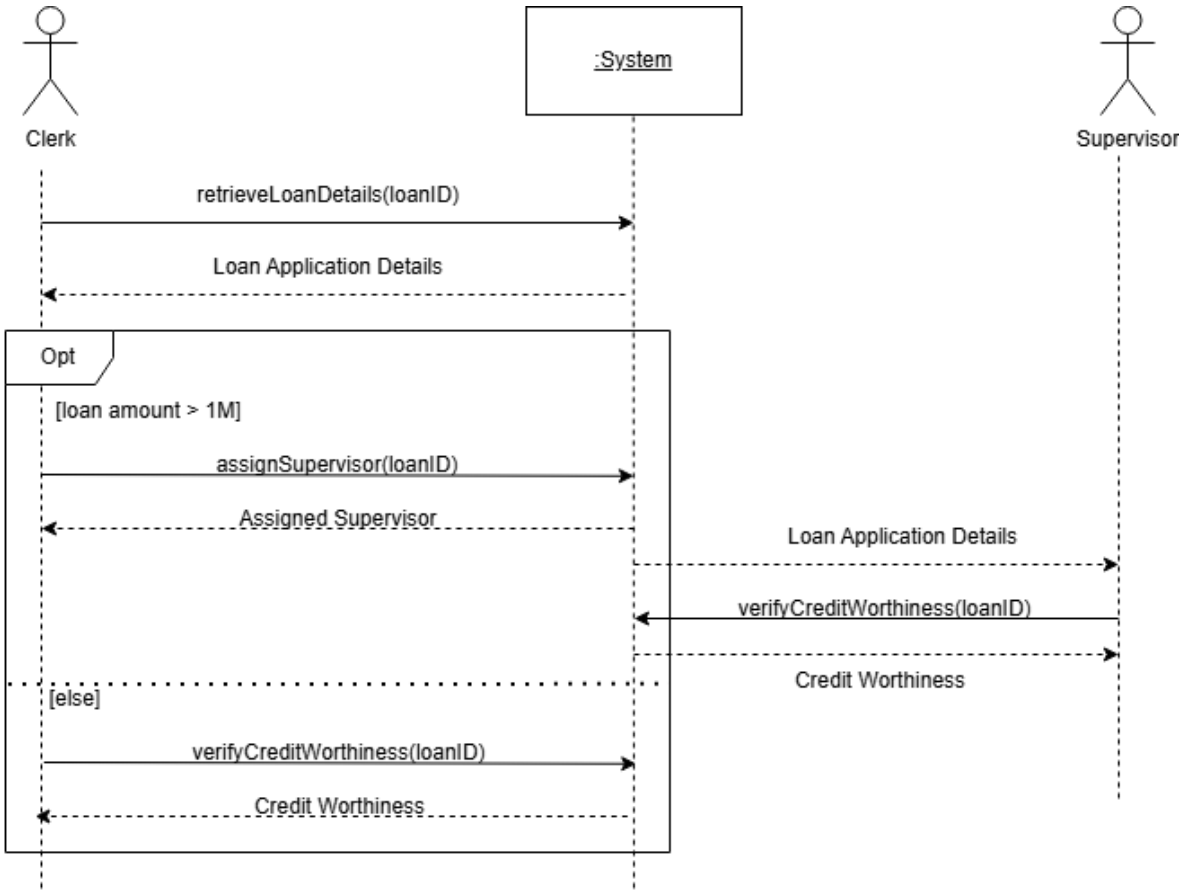
2. Retrieve Customer Information



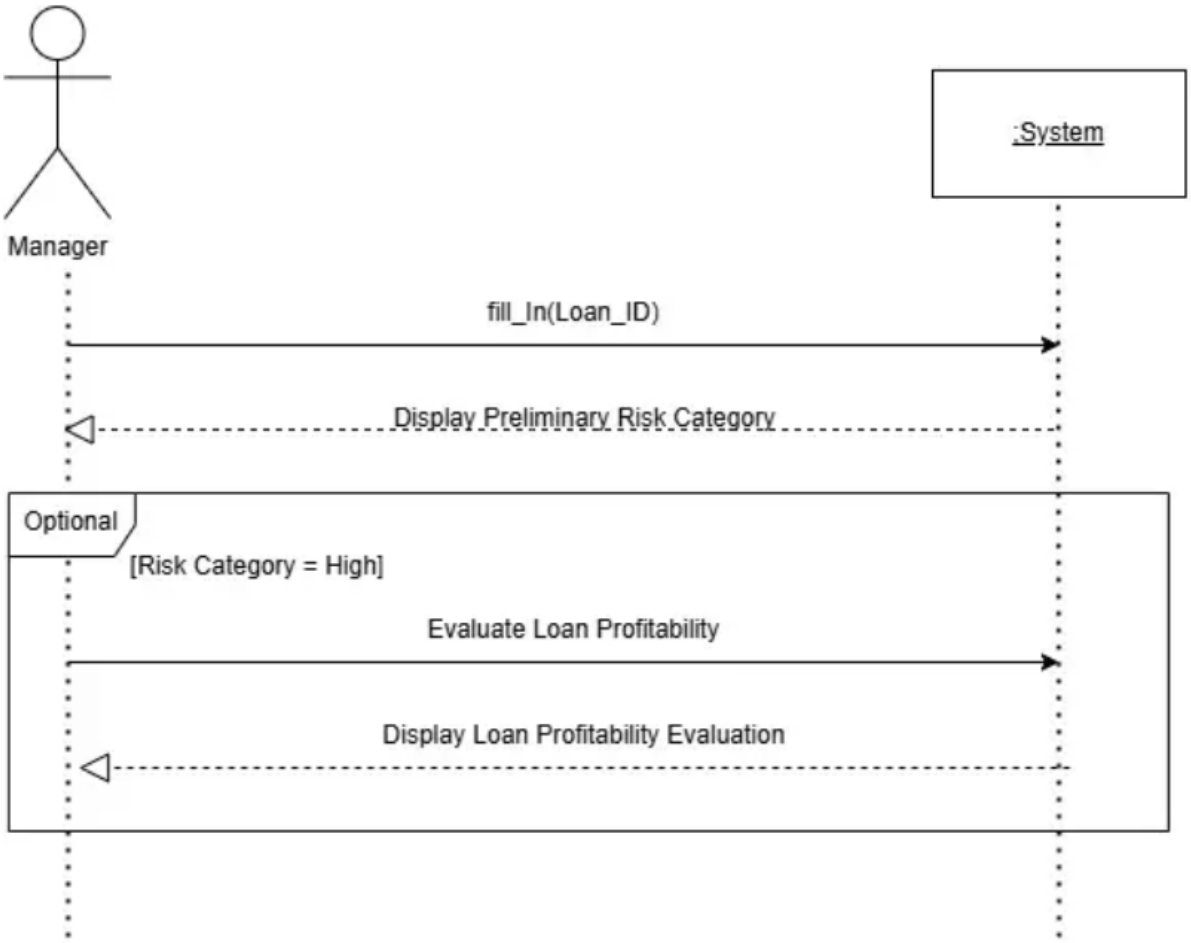

3. Submit Initial Feedback

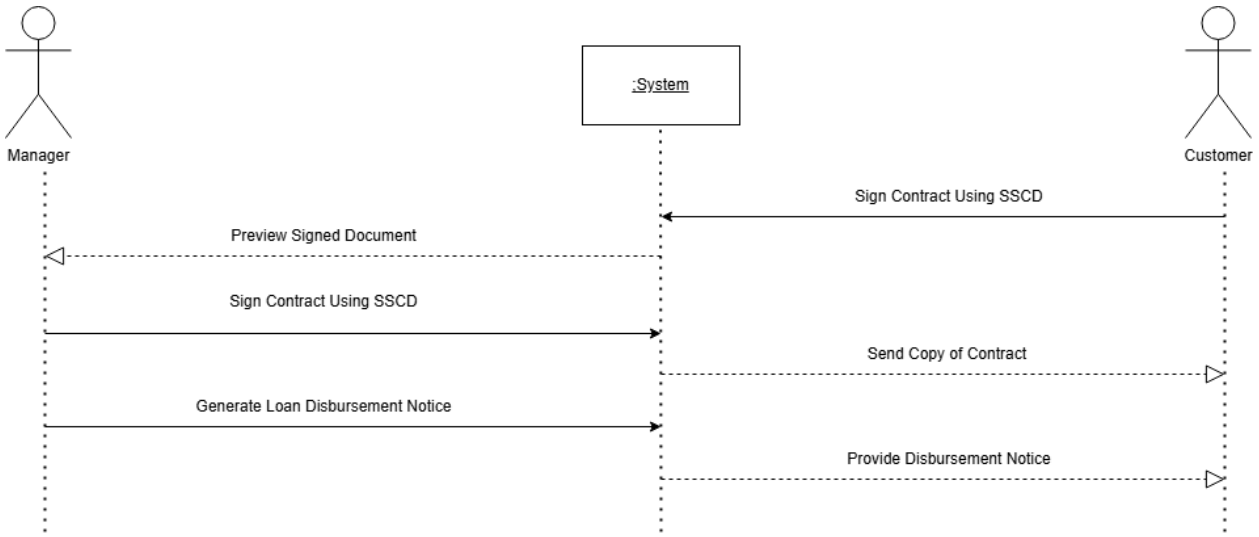



4. Verify Credit Worthiness

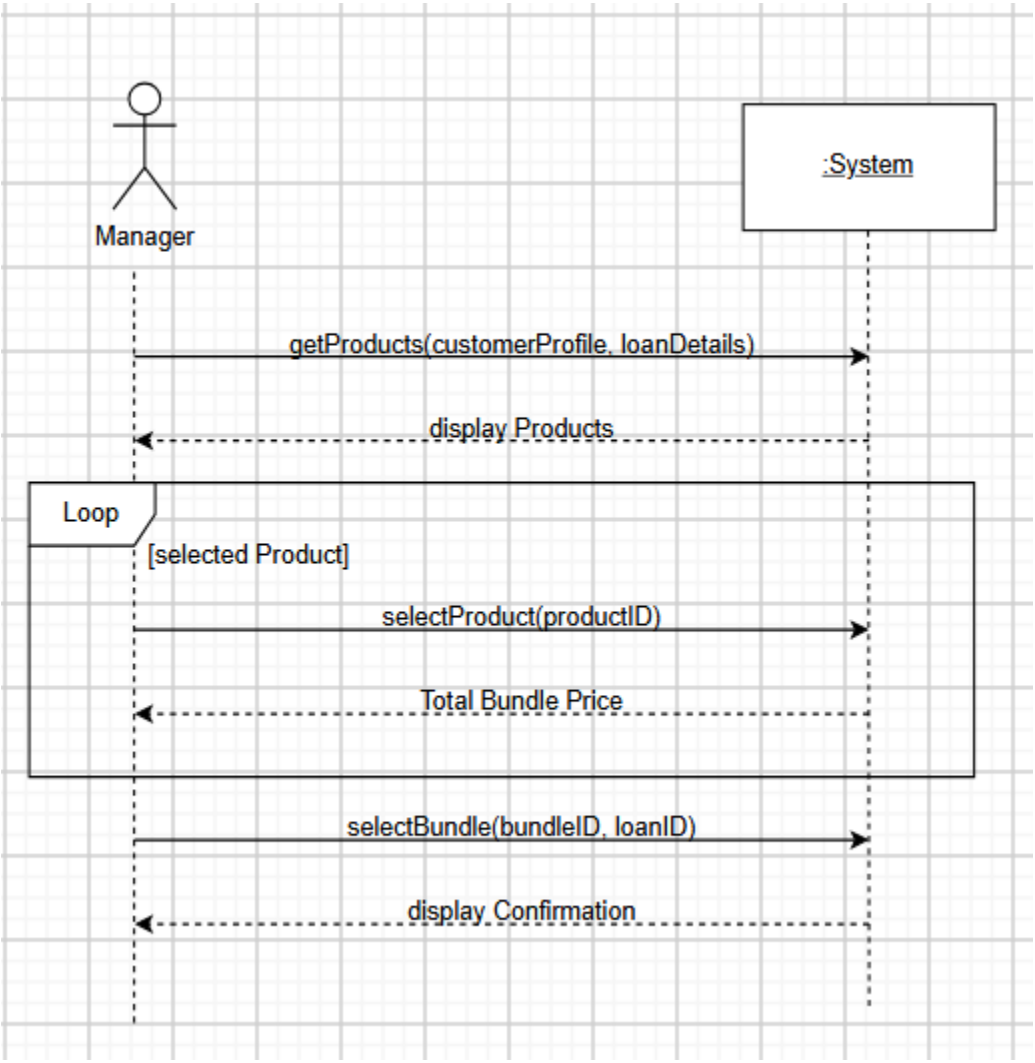



5. Assign Internal Risk Rating

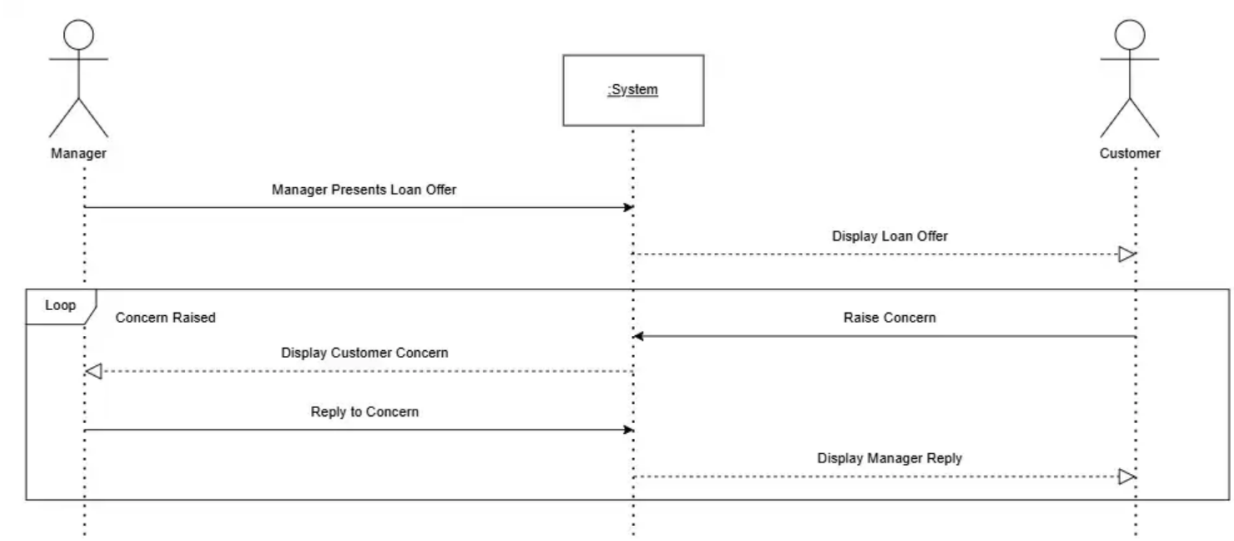

Manager
:System
fill_In(Loan_ID)
Display Preliminary Risk Category
Optional
[Risk Category = High]
Evaluate Loan Profitability
Display Loan Profitability Evaluation



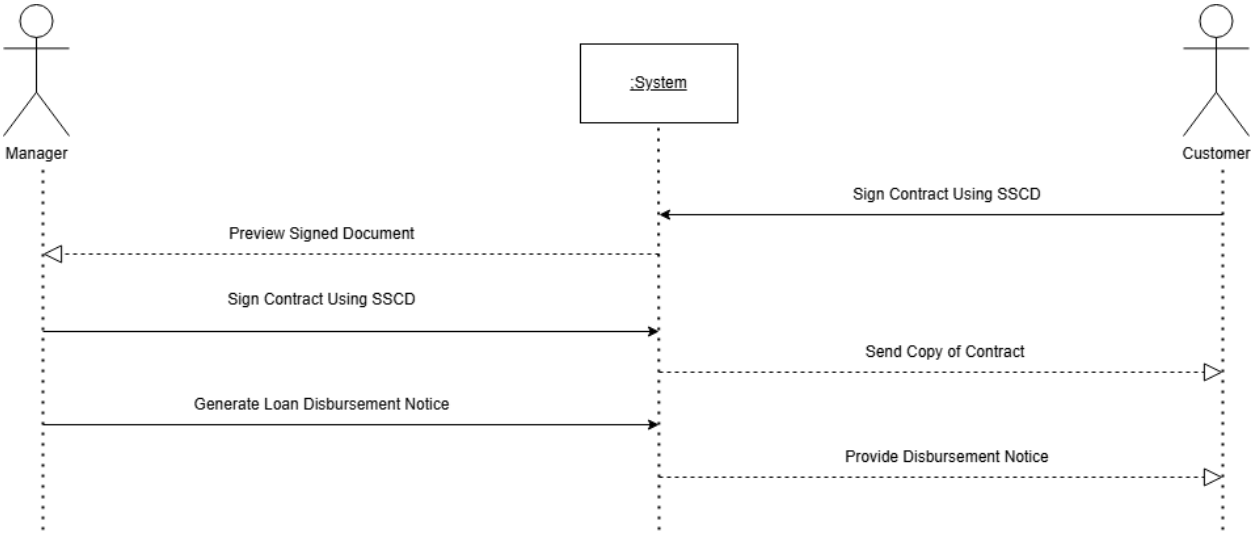

6. Select Bundled Product




7. Communicate Loan Terms

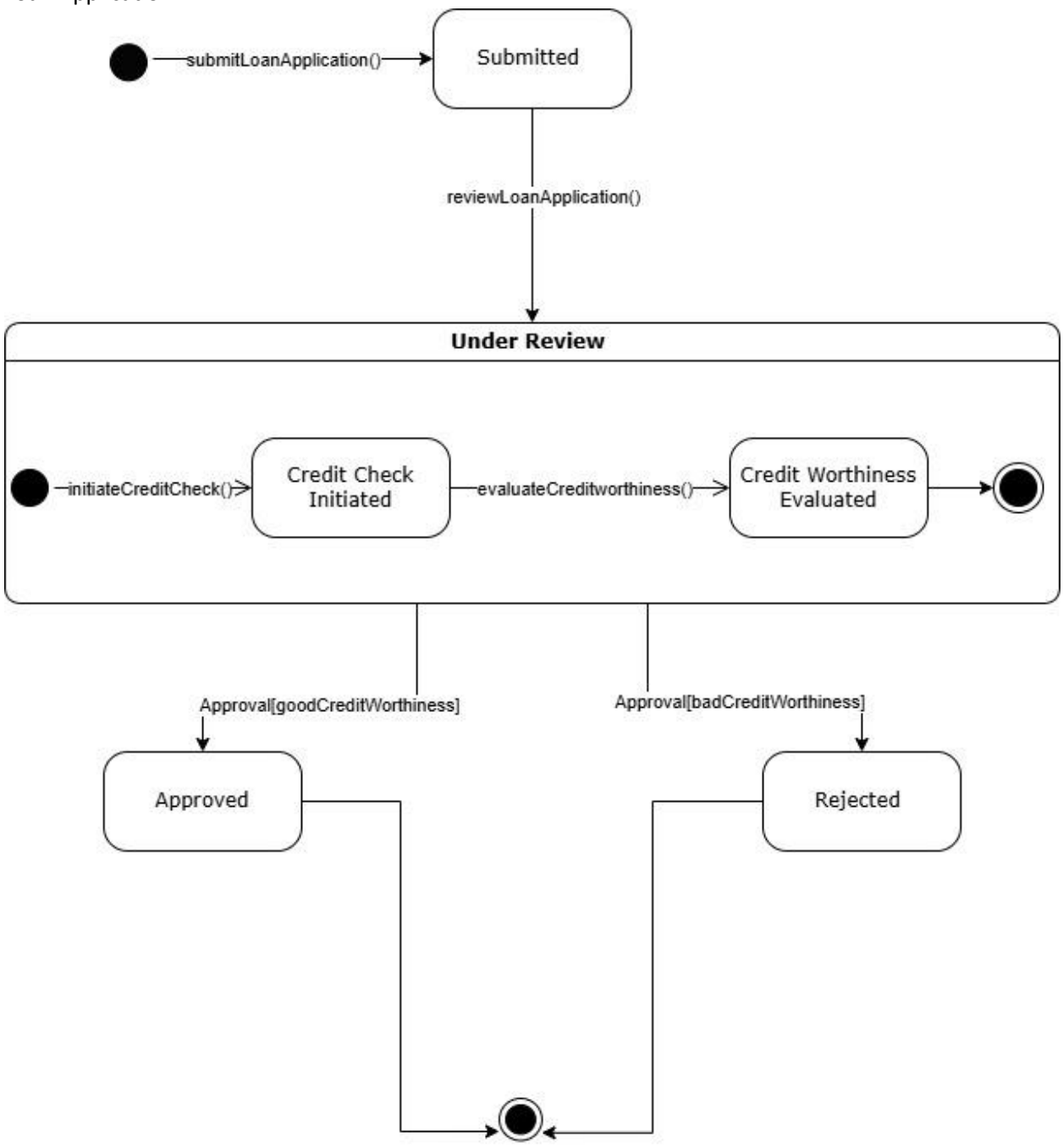
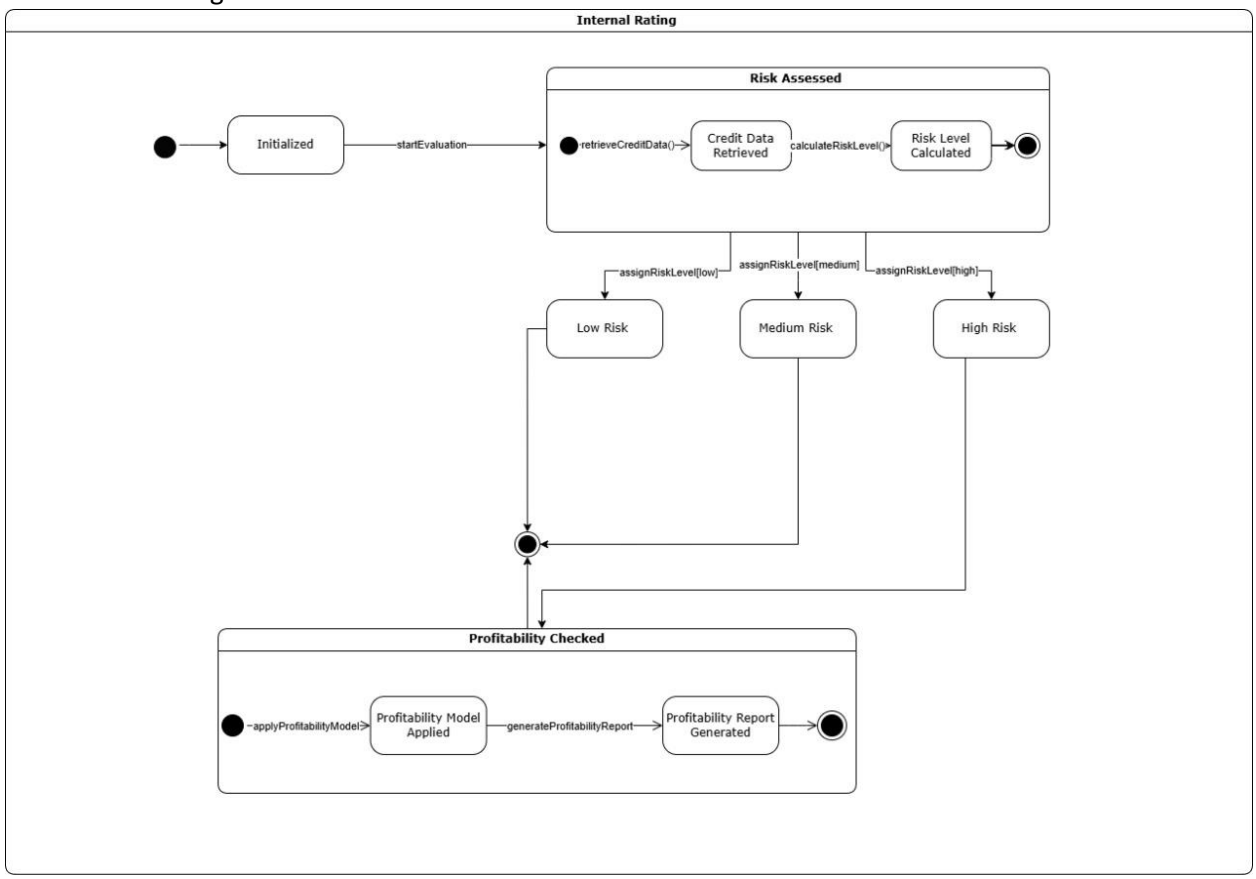



8. Sign Loan Contract



# State Machine Diagrams

1. Loan Application



2. Internal risk rating