

# ENSF 619 - Group 8 - Ticket Reservation App

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## Design Phase Report

Submitted on: November 22, 2020

Submitted by: Victor Tuah Kumi, Patrick Kwan, Oluwapelumi Laditan, Michael Lasby

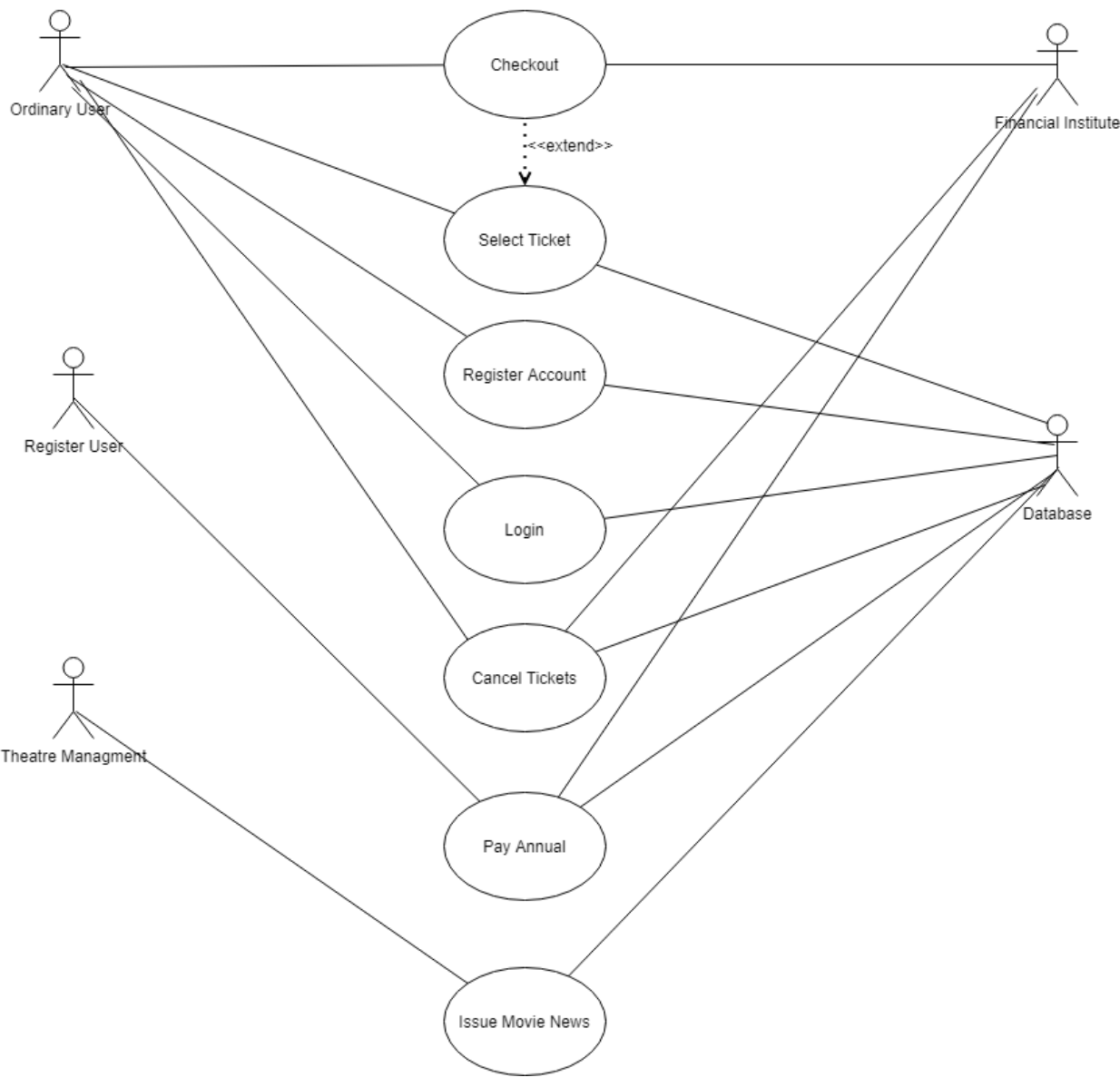
### README:

Please note that some of these diagrams are best viewed as image / pdf files. These diagrams are included in the enclosed `./lib/` folder and file path names are included below.

For page-break free viewing, we recommend viewing this report as a markdown file in your preferred markdown viewer. See `./ENSF-619_Group-8_TicketReservationApp-DesignReport.md`.

# Use Case Diagram

See [./lib/UseCaseDiagram/UseCaseDiagram.png](#)  
User Case Diagram

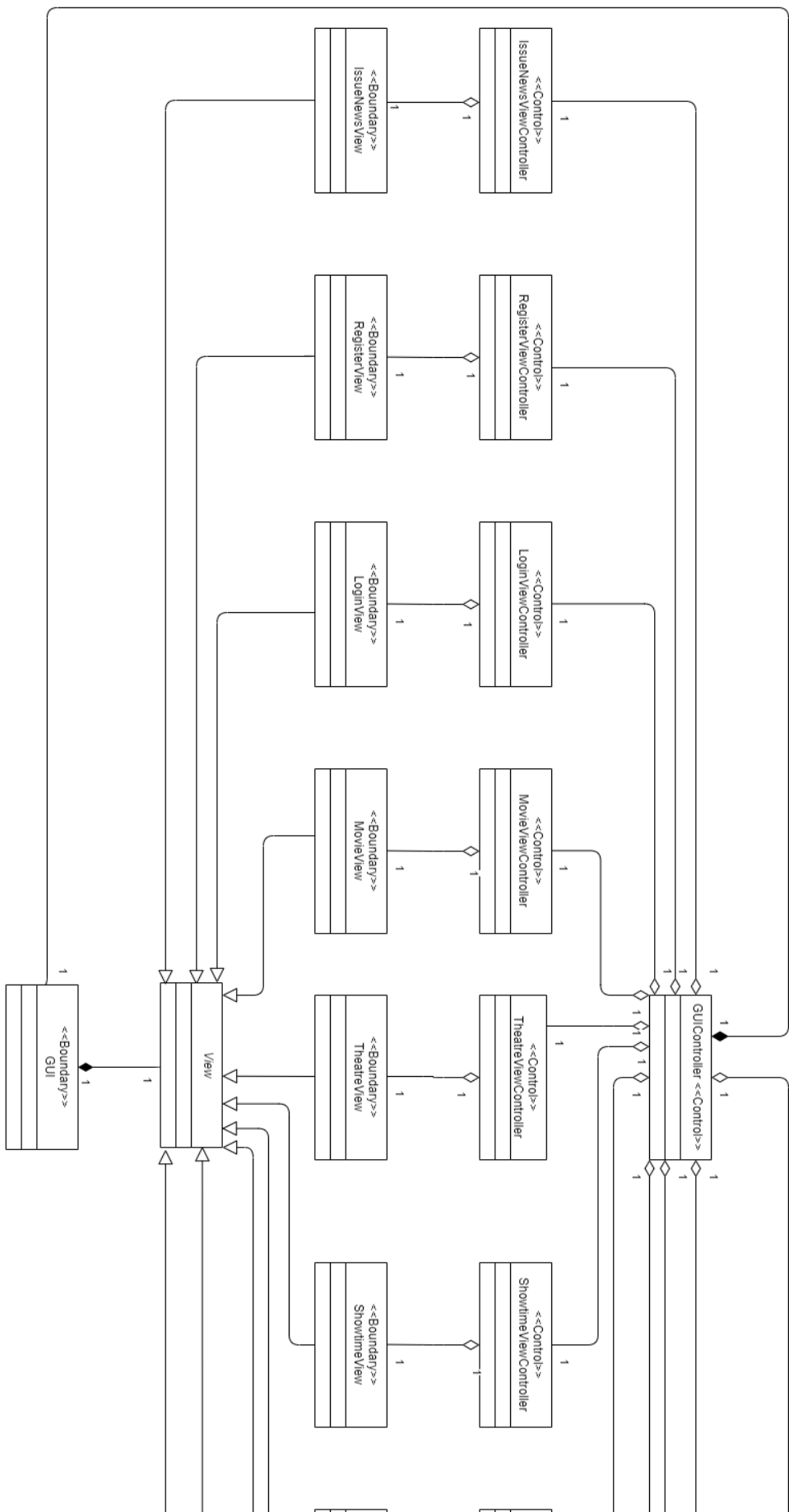


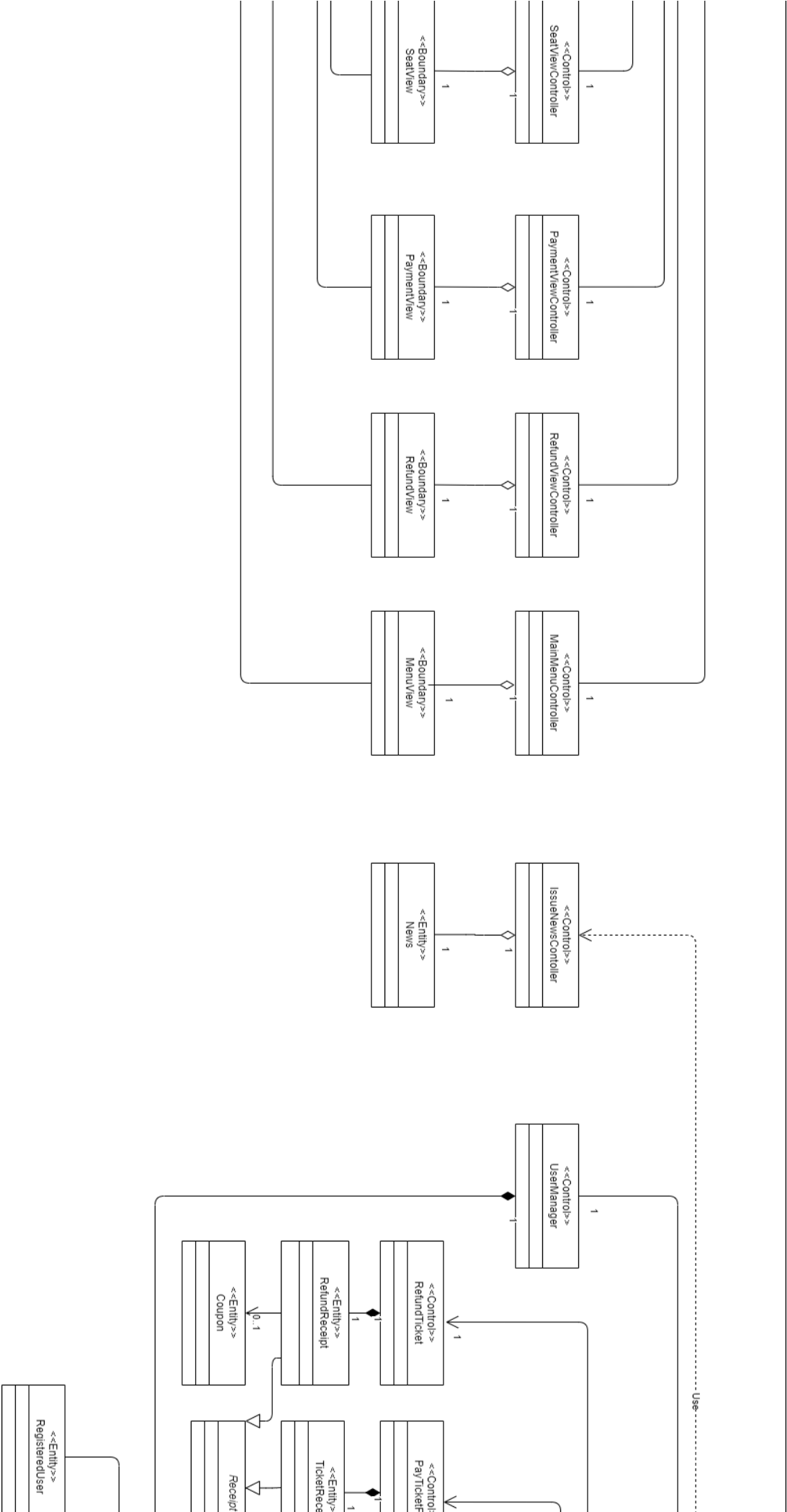
## Scenarios and Candidate Objects (see next page)

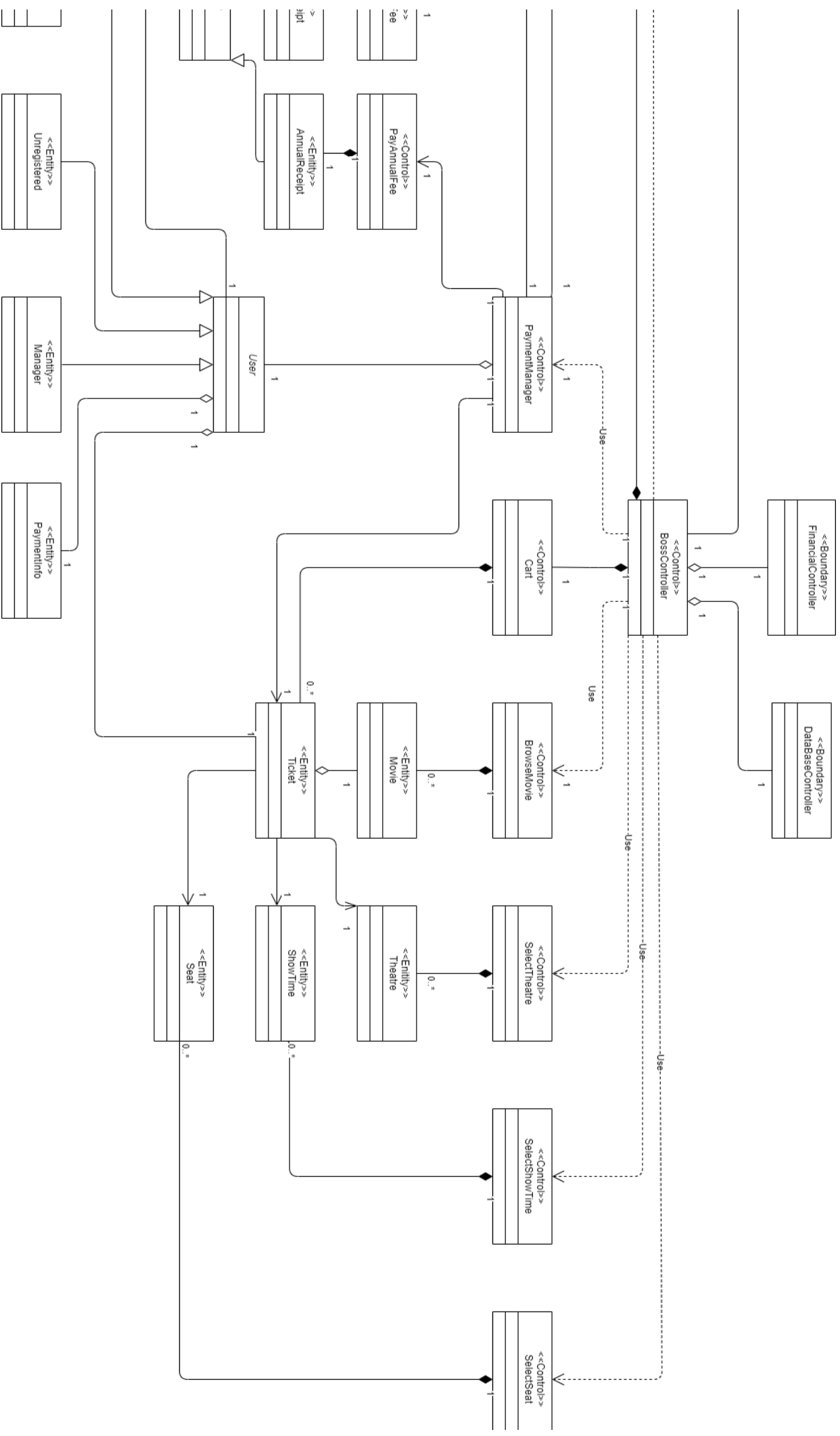
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# Conceptual Class Design Diagram (see next page)

See [./lib/ConceptualUML/ClassUMLAttributesMethods.png](#)









# Detailed Class Design Diagram

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See [./lib/DetailedUML/DetailedClassDiagram.png](#)

 Detailed Class Diagram



# Sequence Diagrams (see next 4 pages)

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Use Case: Refund Ticket - By: Victor Tuah Kumi

See [./lib/SequenceDiagrams/SequenceRefundTicket.png](#)

Use Case: Select Ticket - By: Patrick Kwan

See [./lib/SequenceDiagrams/SelectTicketRefundTicket.png](#)

Use Case: Checkout - By: Oluwapelumi Laditan

See [./lib/SequenceDiagrams/SequenceCheckout.png](#)

Use Case: Register User - By: Michael Lasby

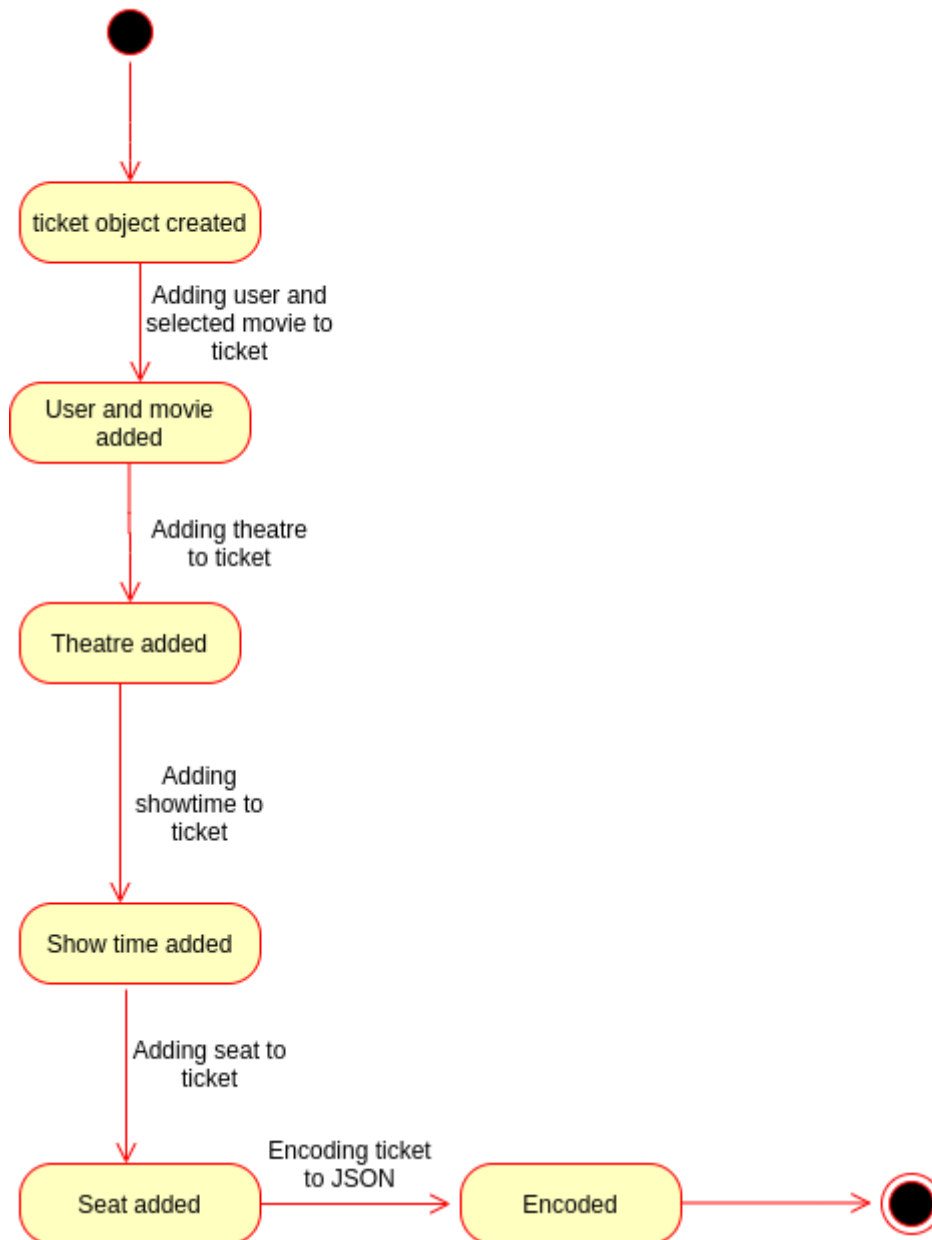
See [./lib/SequenceDiagrams/SequenceRegisterUser.png](#)

# State Transition Diagrams

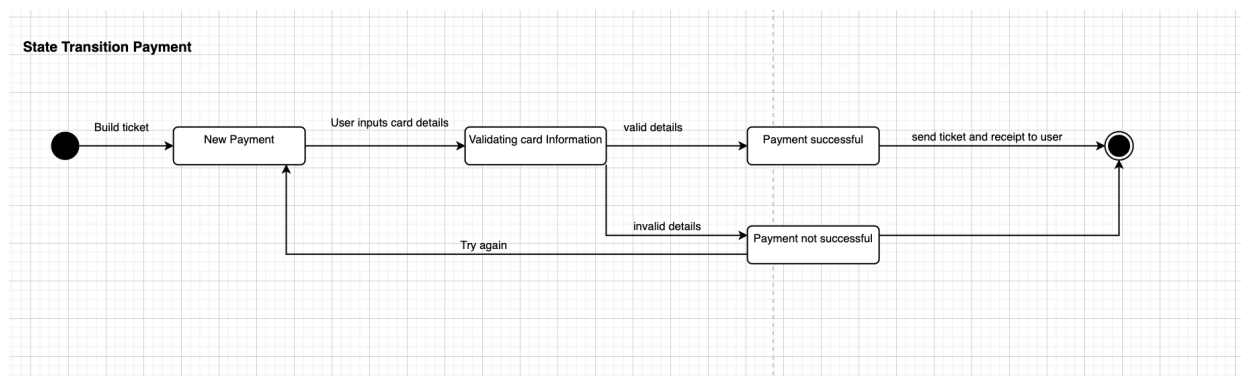
## Ticket

See [./lib/StateTransition/TicketStateTransition.png](#)

State Transition Diagram for Ticket Object

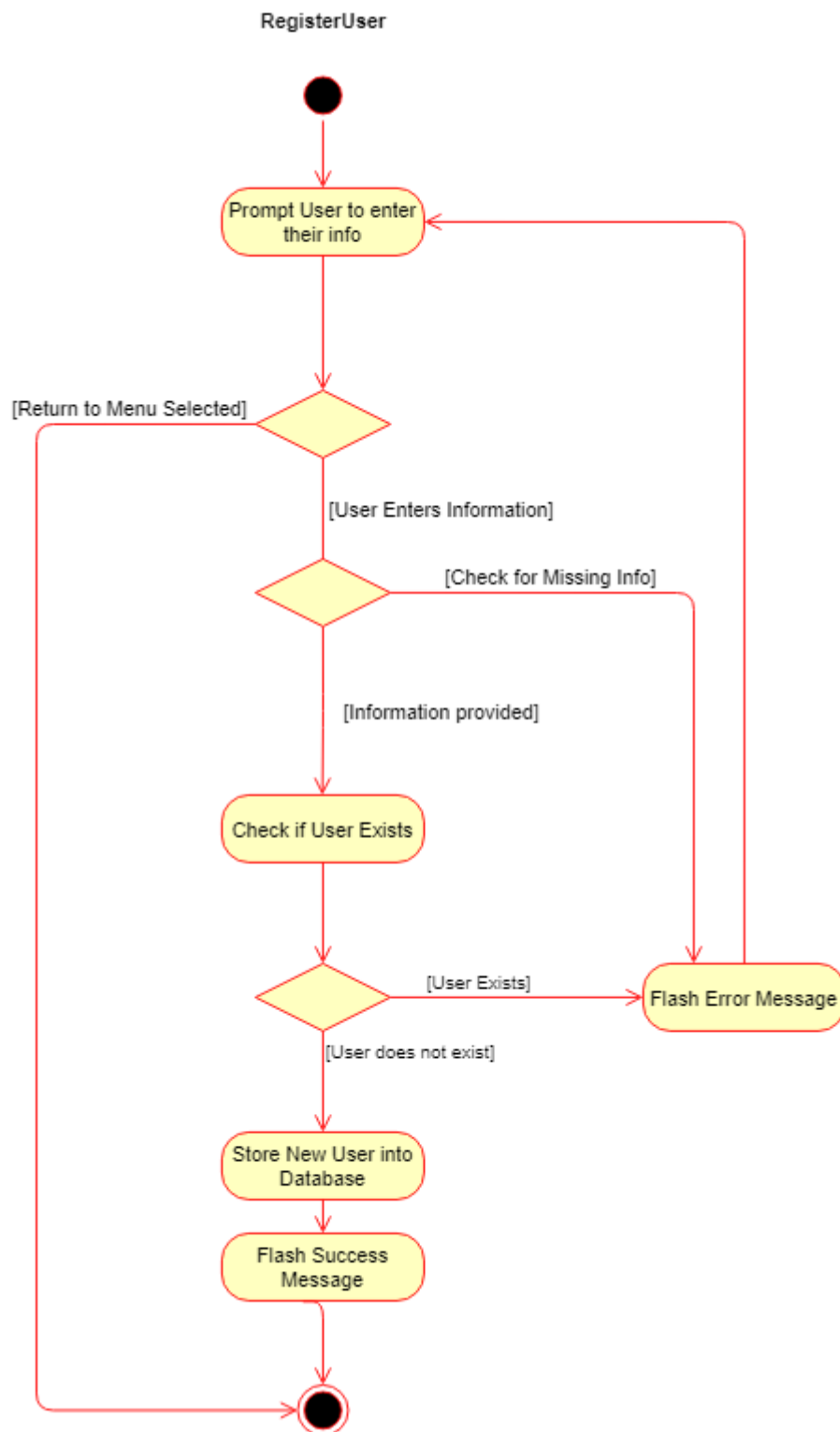


## Payment

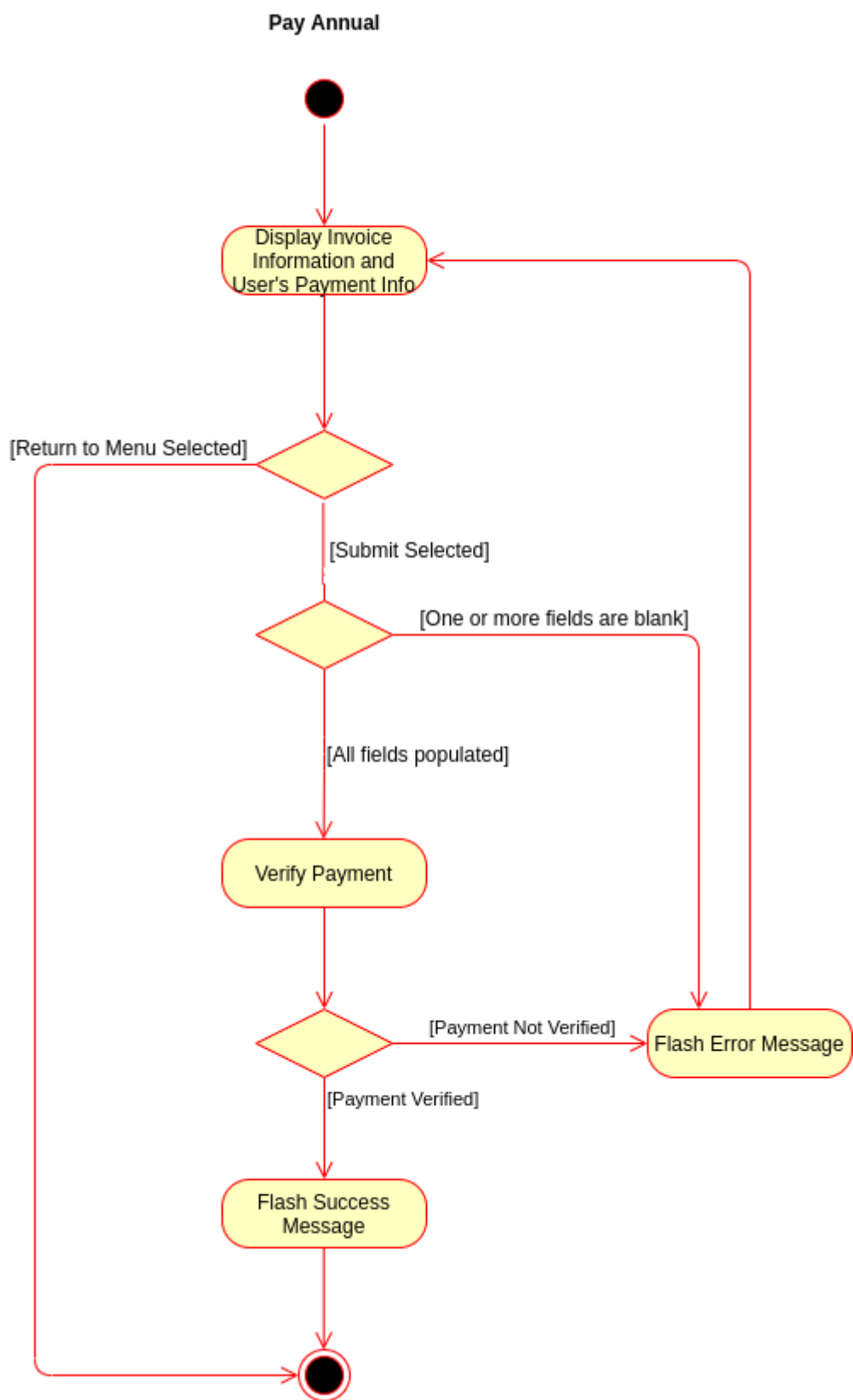


# Activity Diagrams

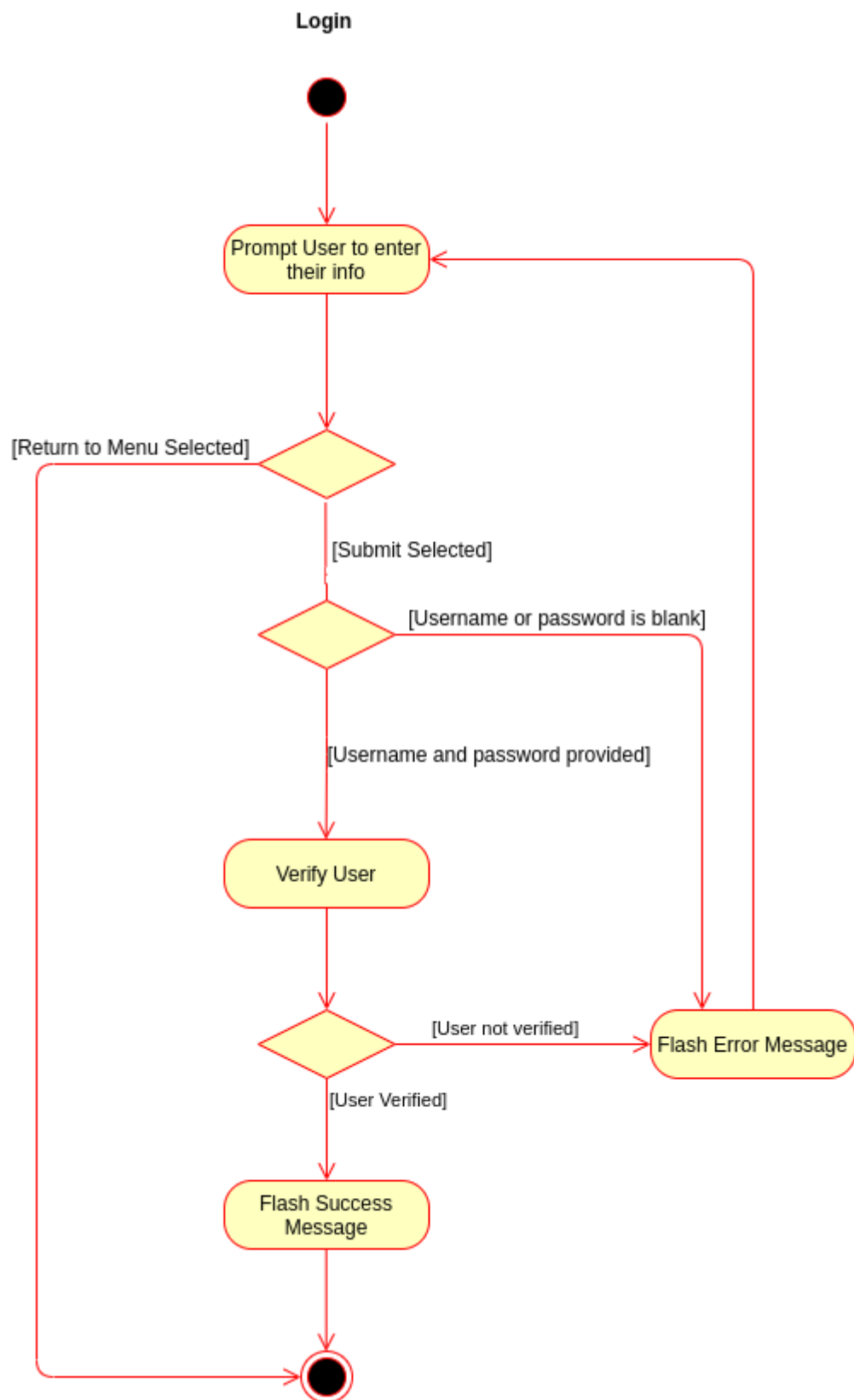
## Register Account



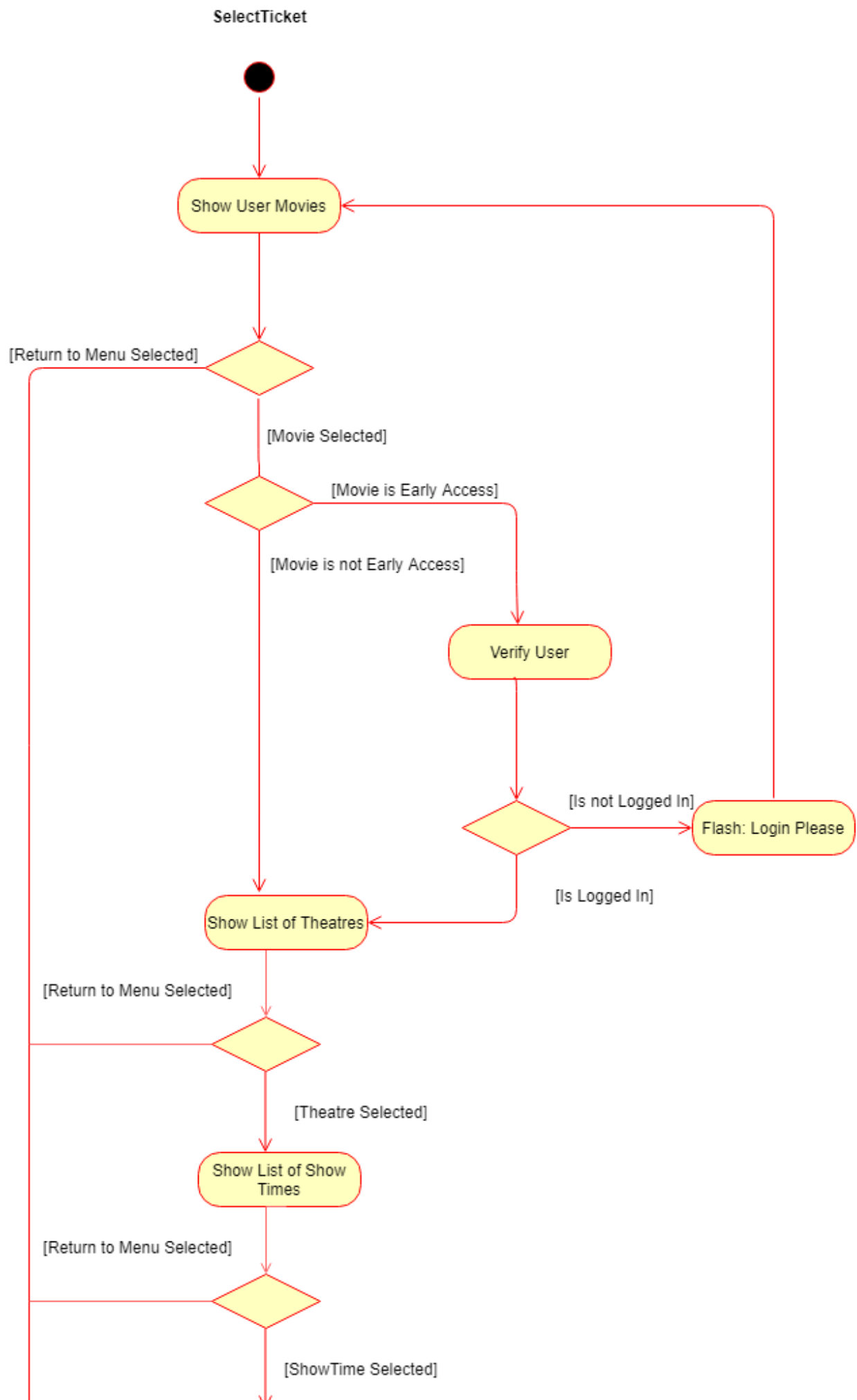
# Pay Annual

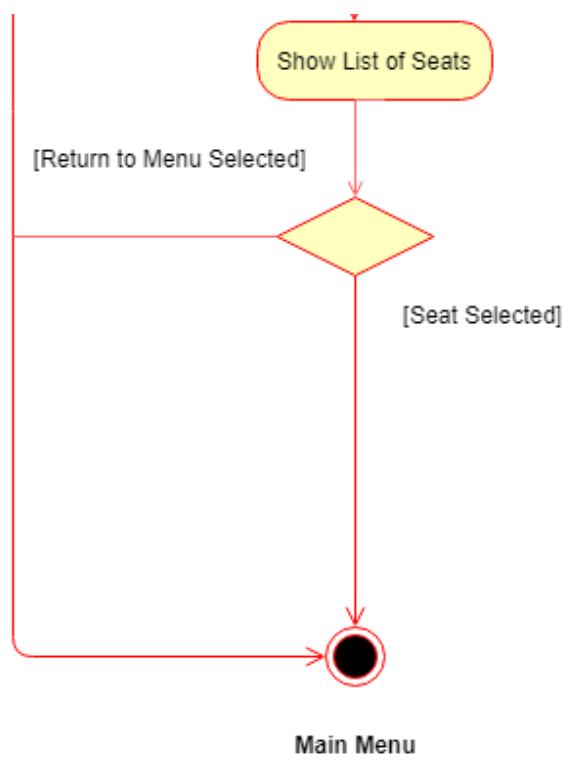


# Login

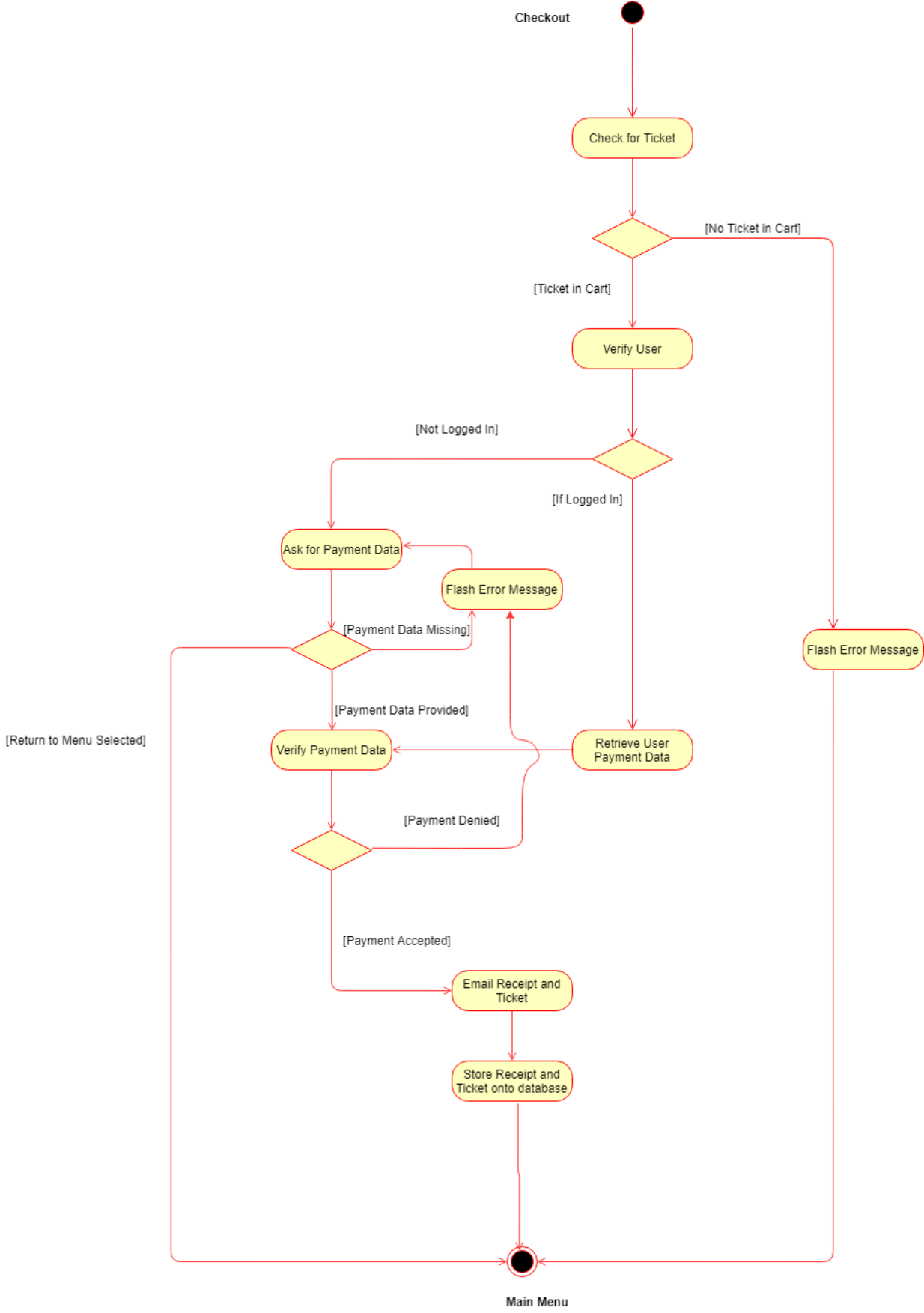


# Select Ticket



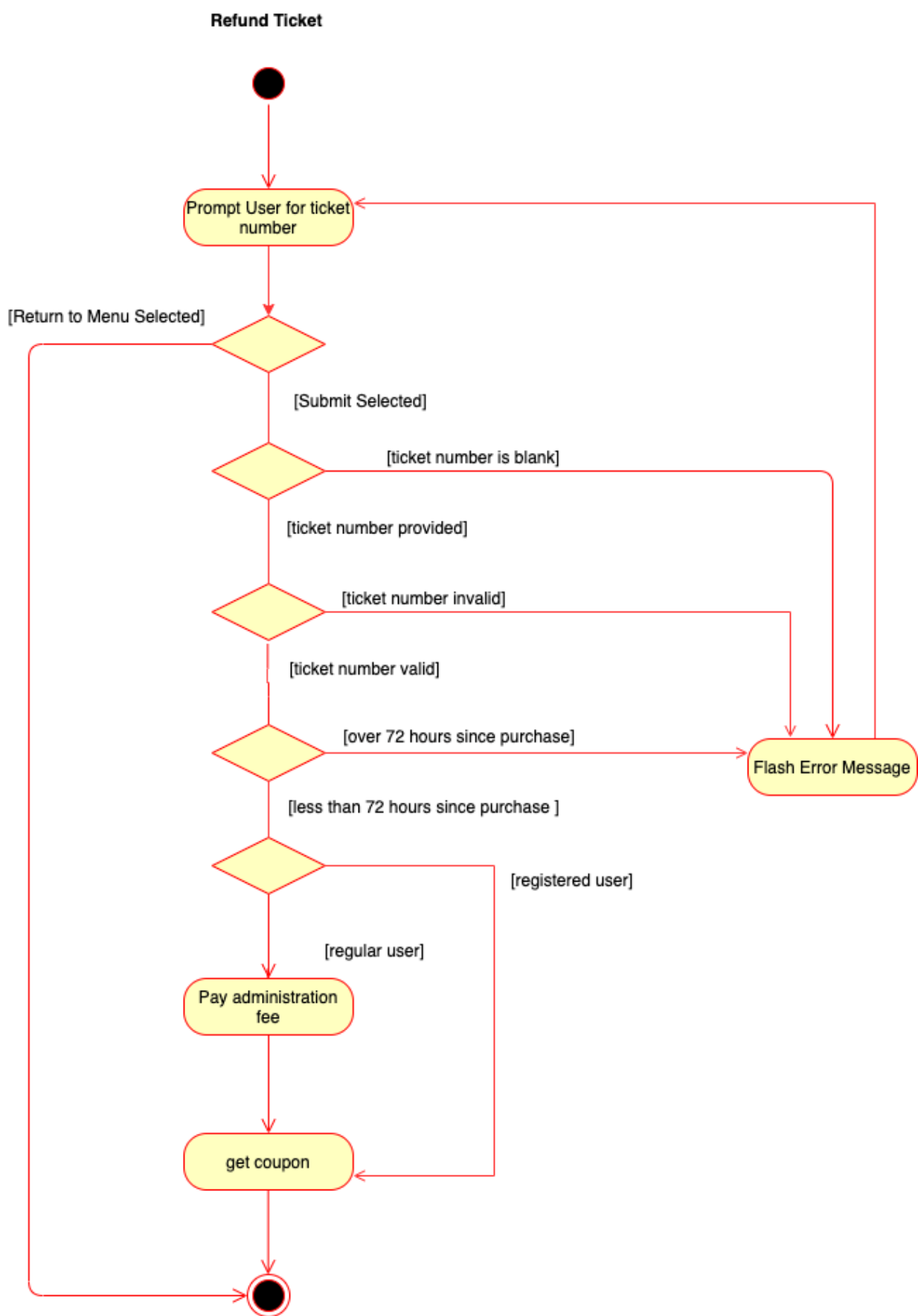


# Checkout

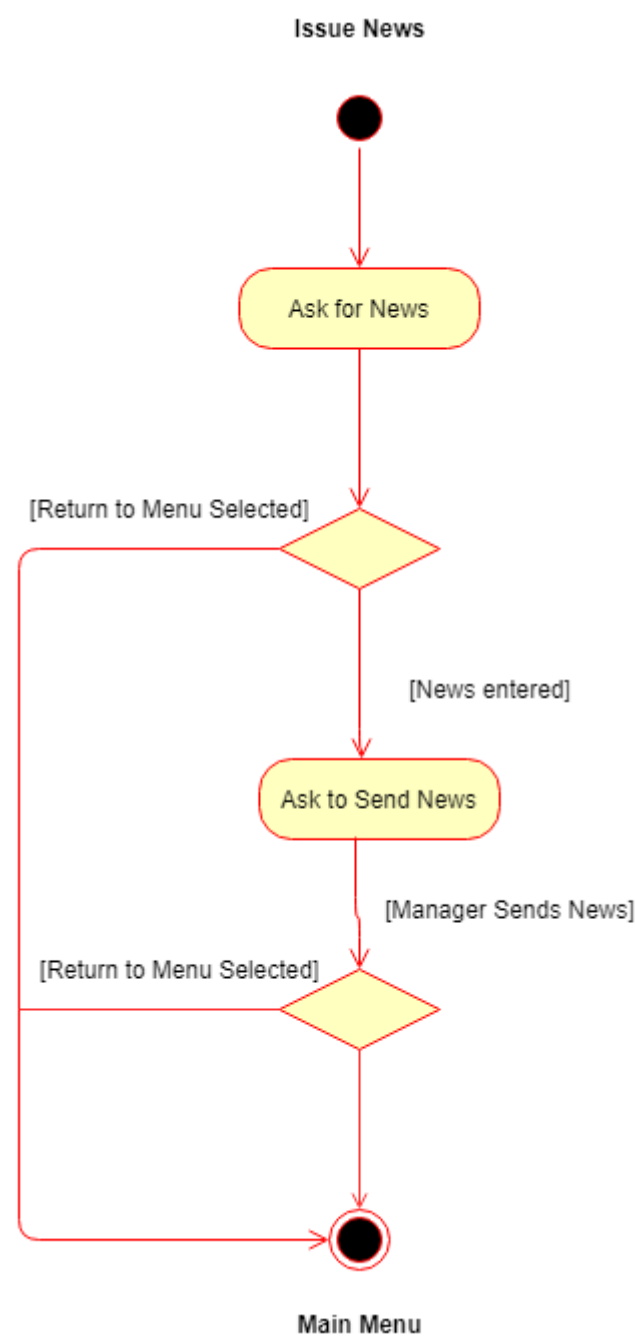




# Refund Ticket



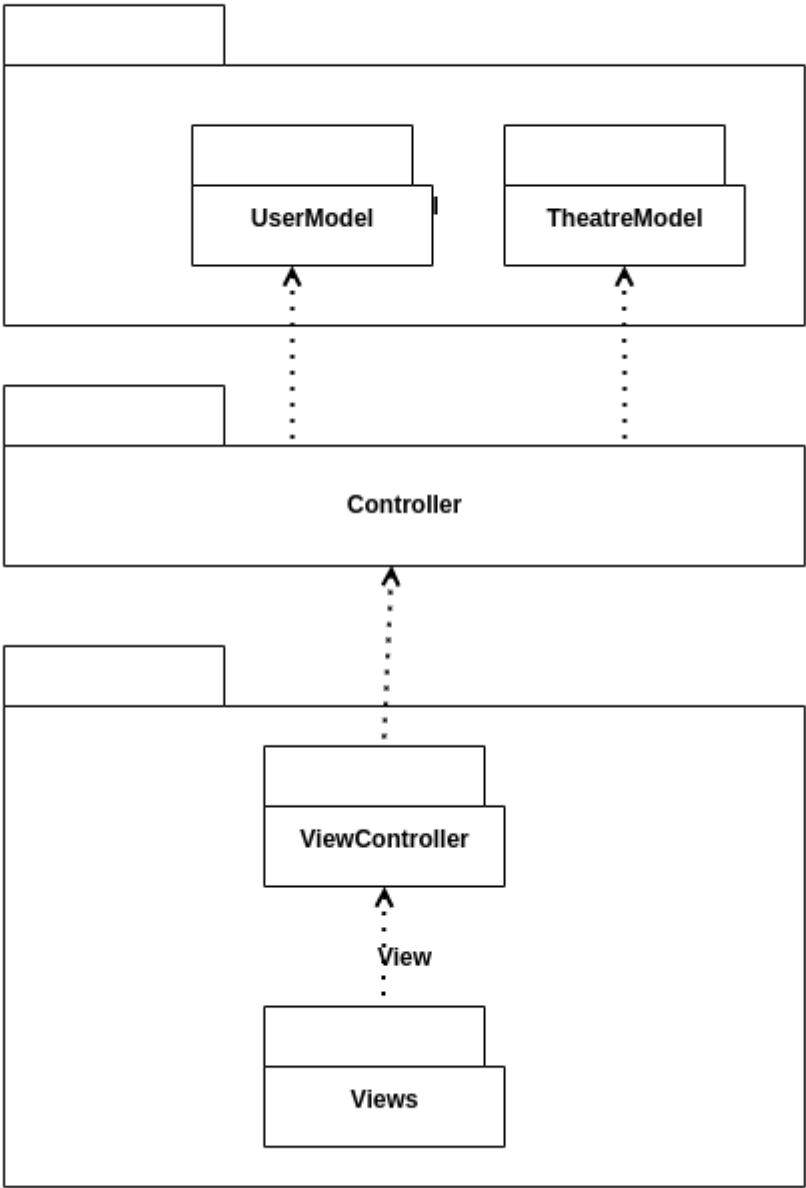
# Issue Movie News



# Package Diagram

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Package Diagram



# Deployment Diagram

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