

ENSF 619 - Group 8 - Ticket Reservation App

Design Phase Report

Submitted on: November 22, 2020

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

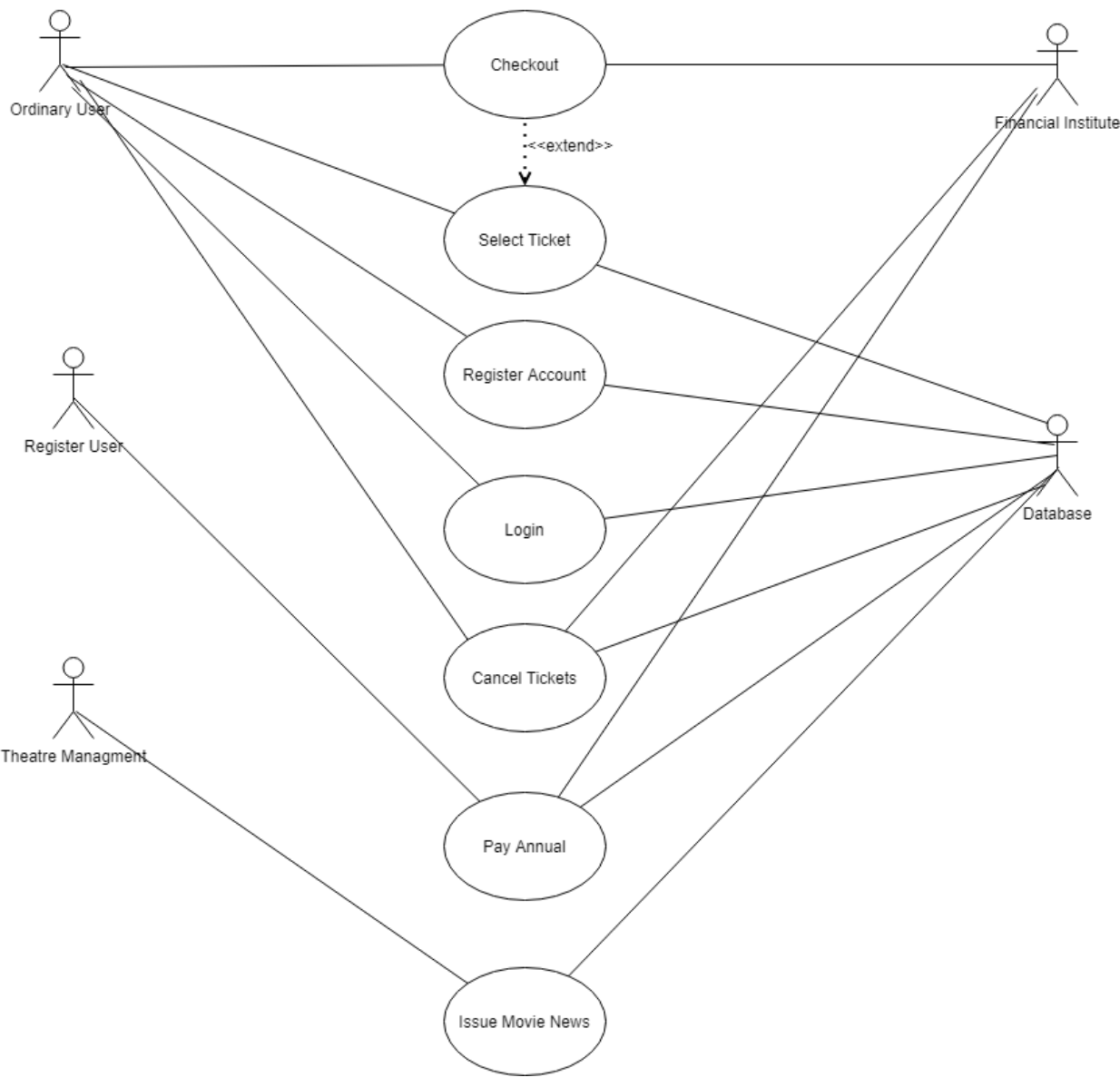
README:

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)

Conceptual Class Design Diagram (see next page)

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

Detailed Class Design Diagram (see next page)

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

Sequence Diagrams (see next 4 pages)

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

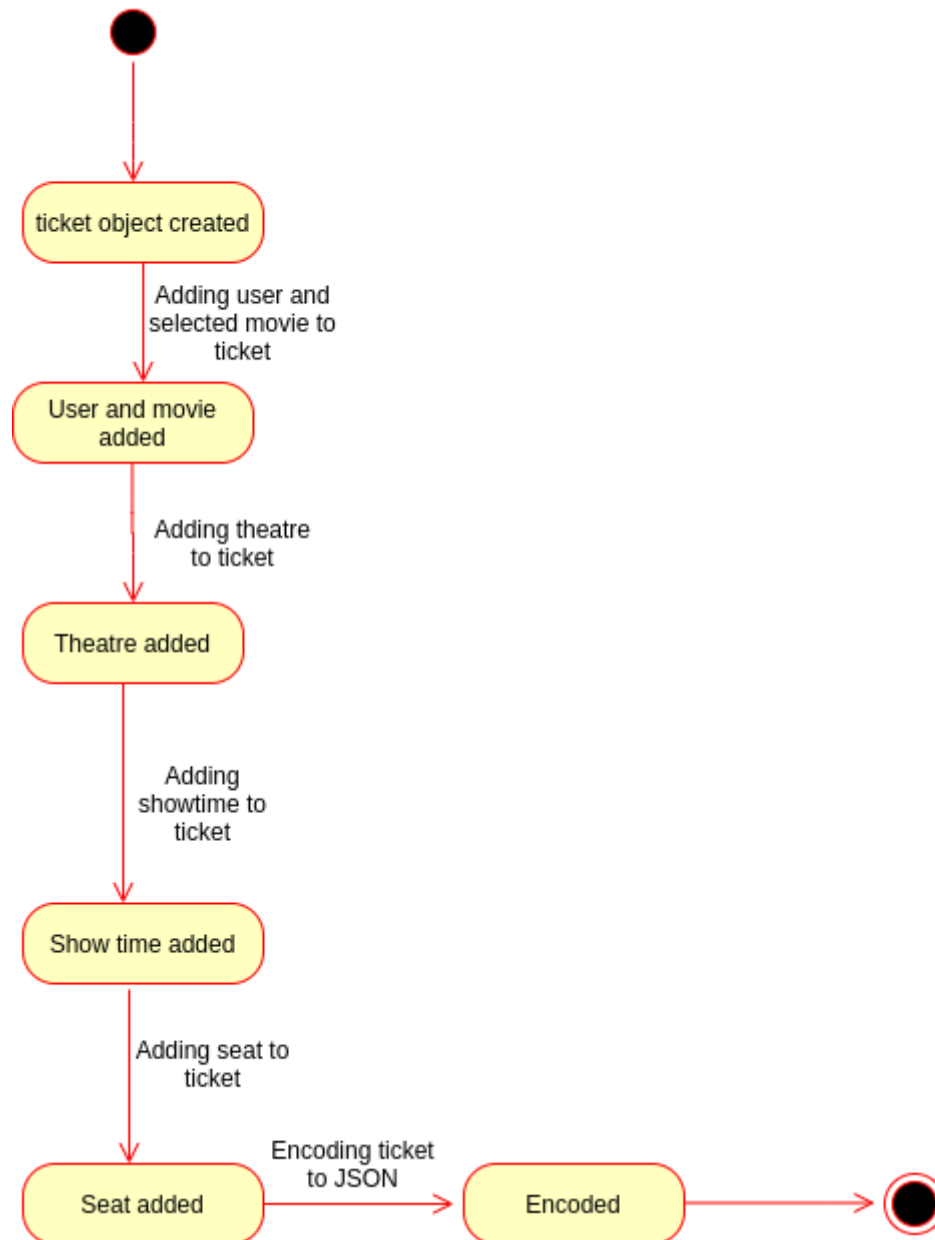
See [./lib/SequenceDiagrams/SequenceRegisterUser.png](#)

State Transition Diagrams

Ticket

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

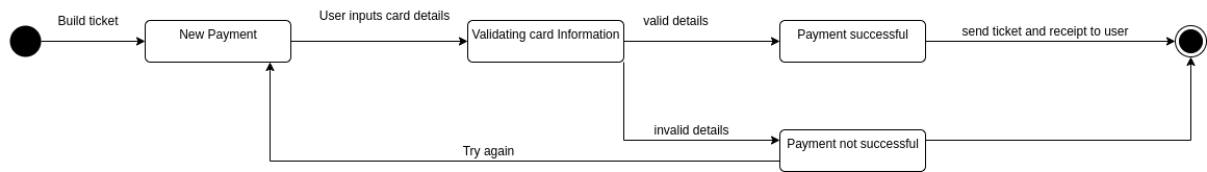
State Transition Diagram for Ticket Object



Payment

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

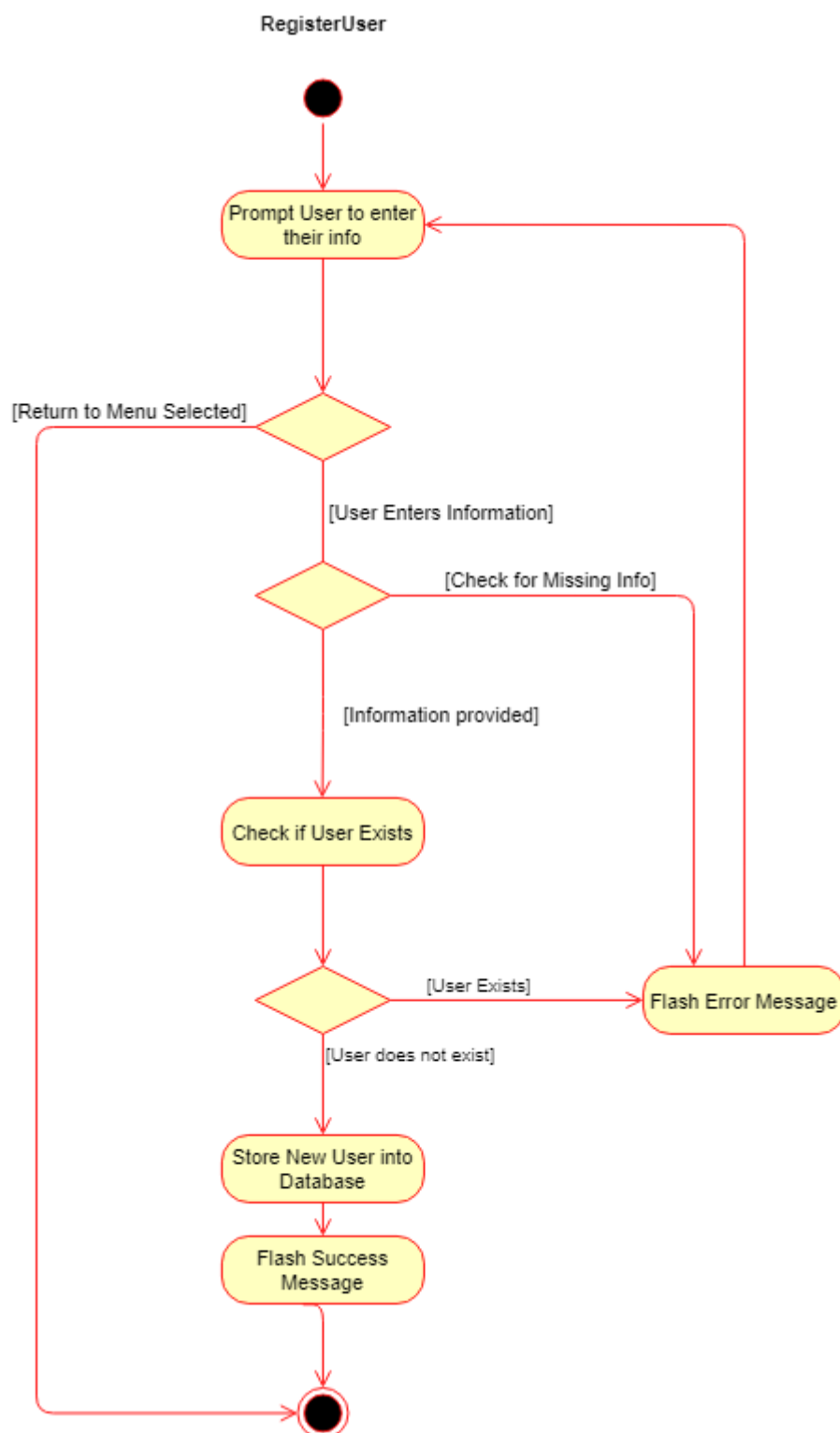
State Transition Payment



Activity Diagrams

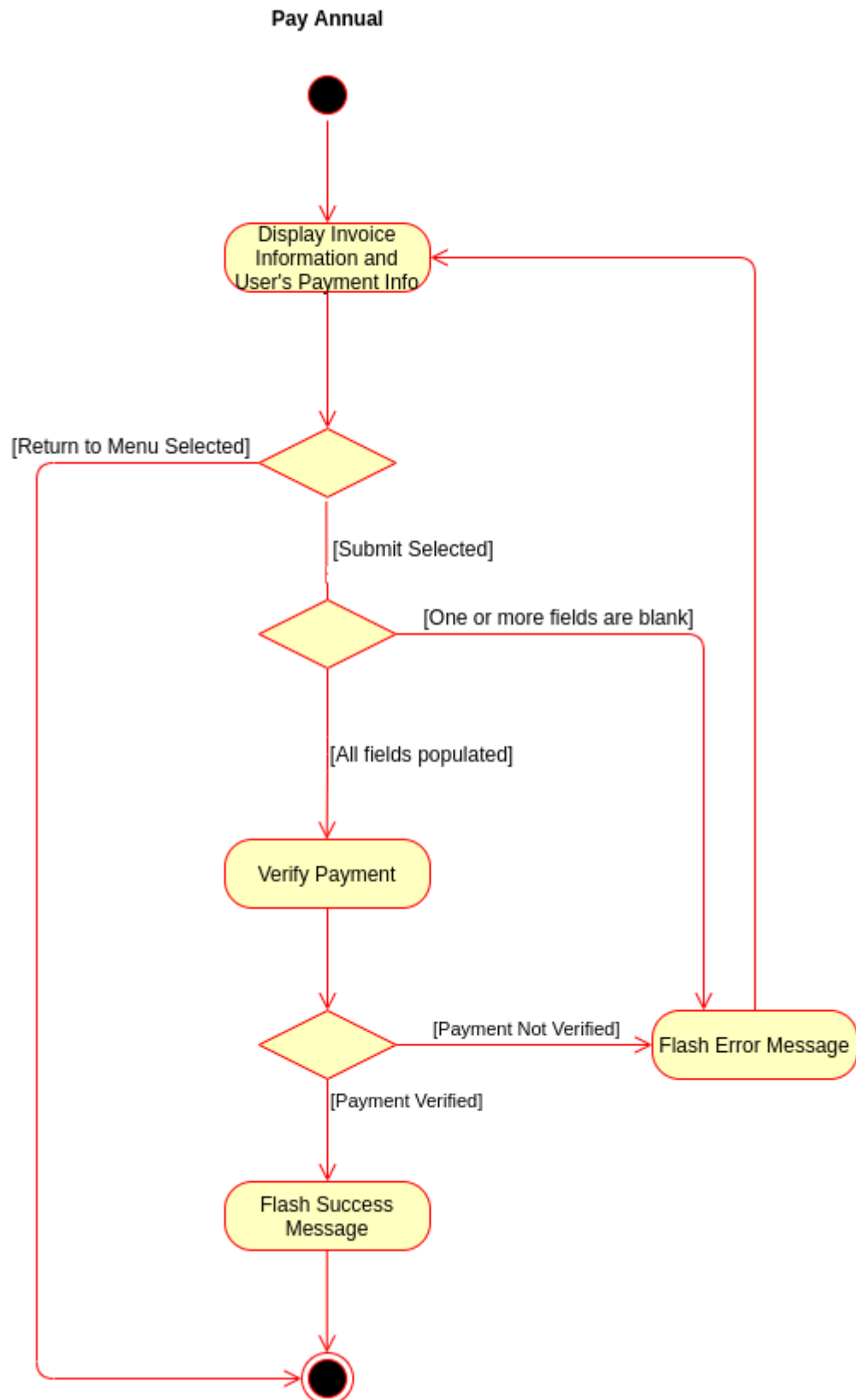
Register Account

See [./lib/ActivityDiagrams/RegisterUserActivityDiagram.png](#))



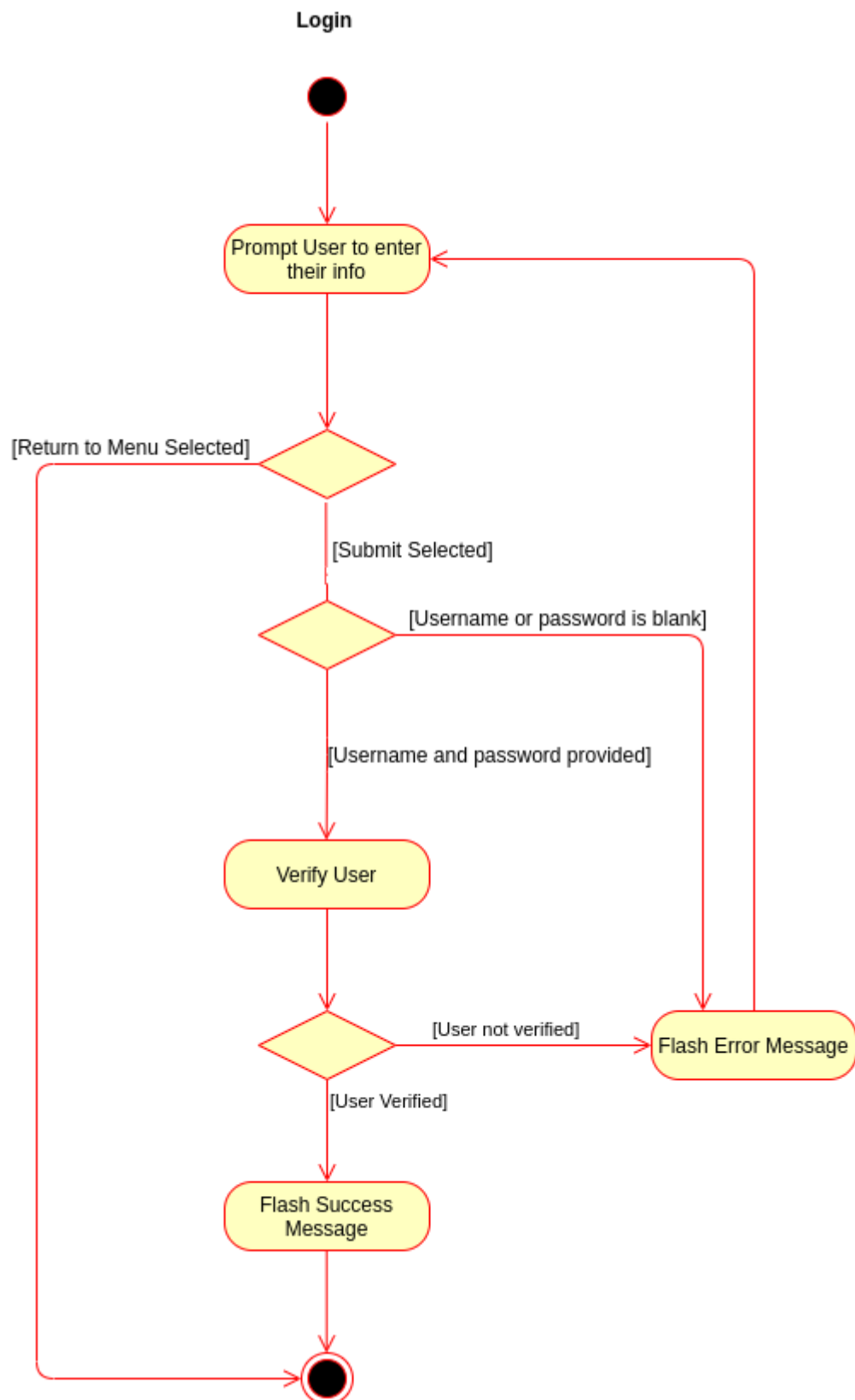
Pay Annual

See [./lib/ActivityDiagrams/RegisterUserActivityDiagram.png](#))



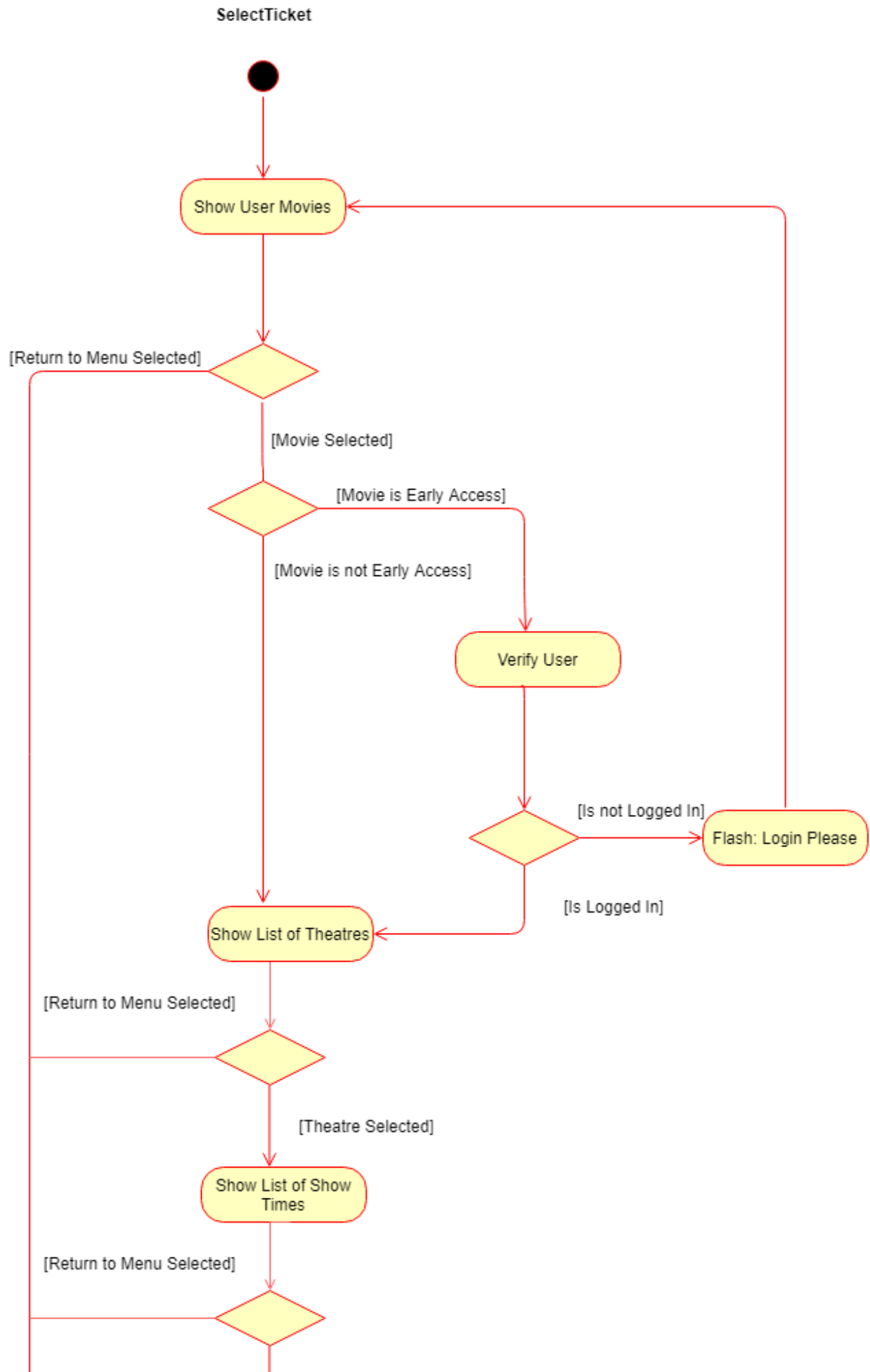
Login

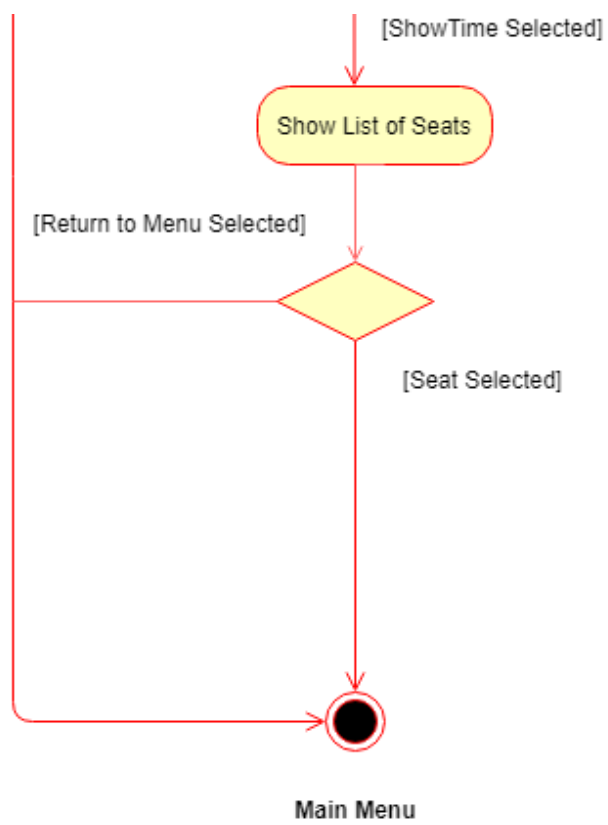
See [./lib/ActivityDiagrams/LoginActivityDiagram.png](#))



Select Ticket

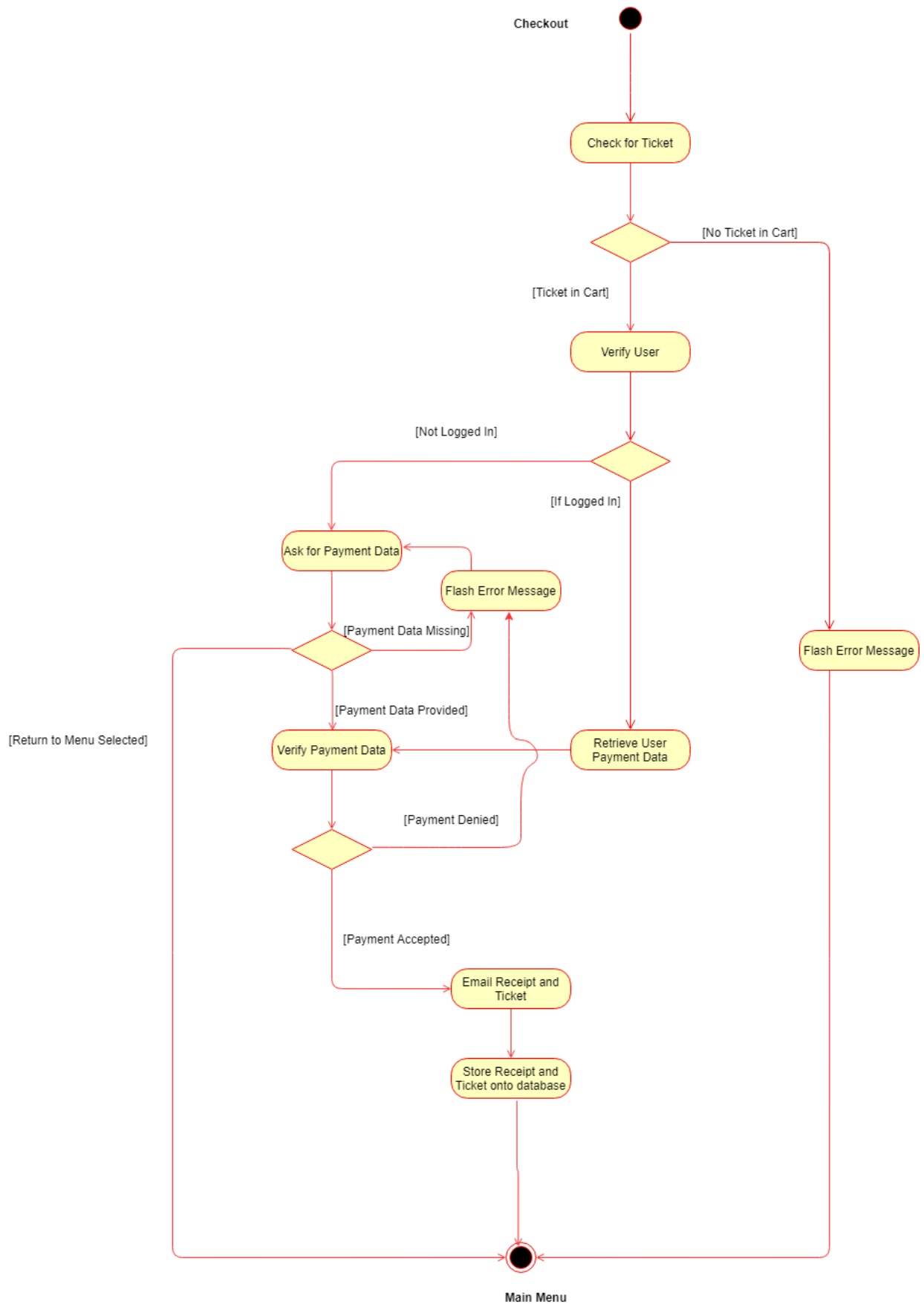
See [./lib/ActivityDiagrams/TicketSelectActivityDiagram.png](#))





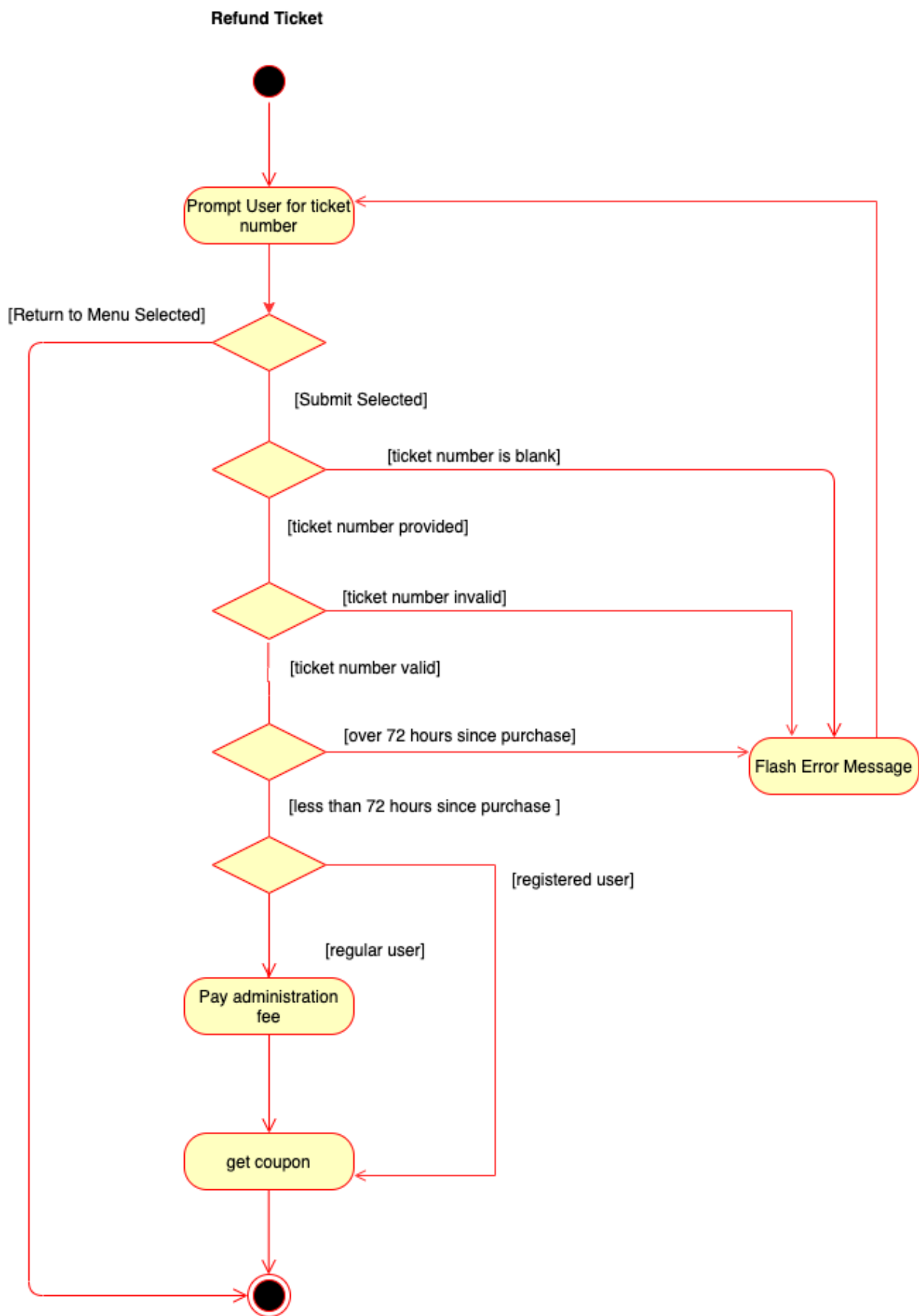
Checkout

See [./lib/ActivityDiagrams/CheckoutActivityDiagram.png](#))



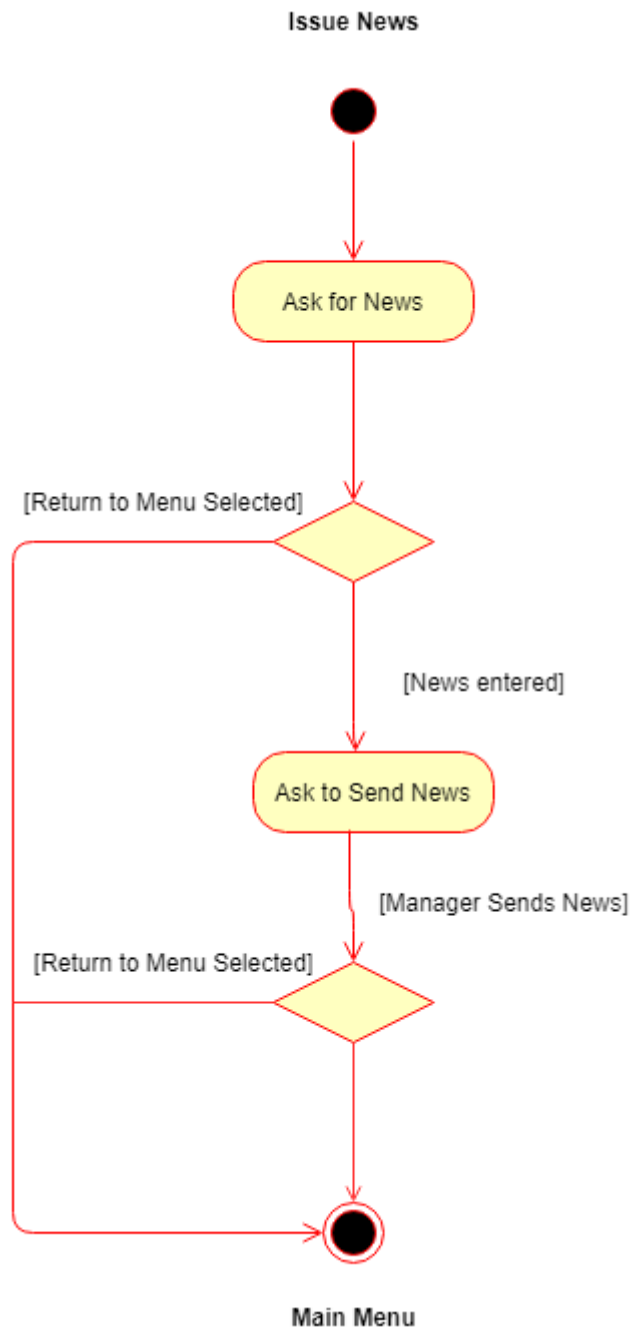
Refund Ticket

See [./lib/ActivityDiagrams/RefundTicketActivityDiagram.png](#))



Issue Movie News

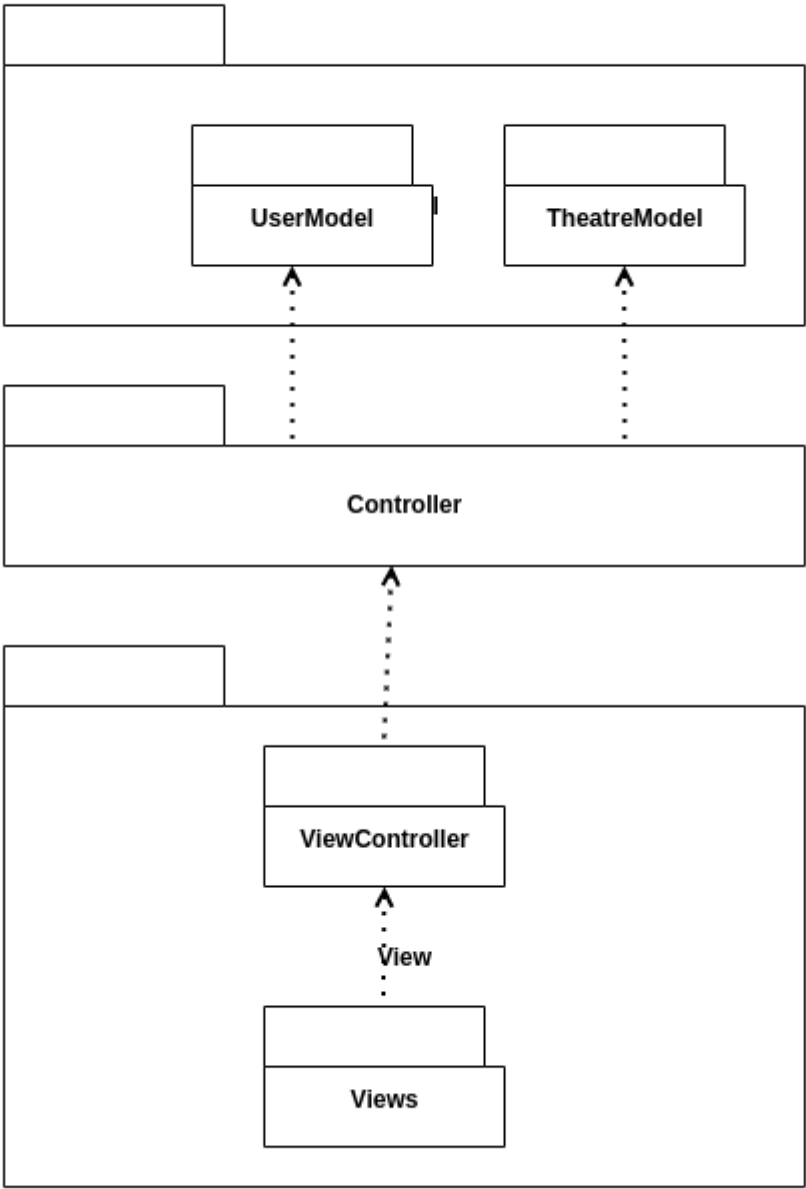
See [./lib/ActivityDiagrams/IssueNewsActivityDiagram.png](#))



Package Diagram

See [./lib/PackageDiagram/PackageDiagram.png](#))

Package Diagram



Deployment Diagram

See [./lib/PackageDiagram/DeploymentDiagram.png](#))

