

Airline Reservation System



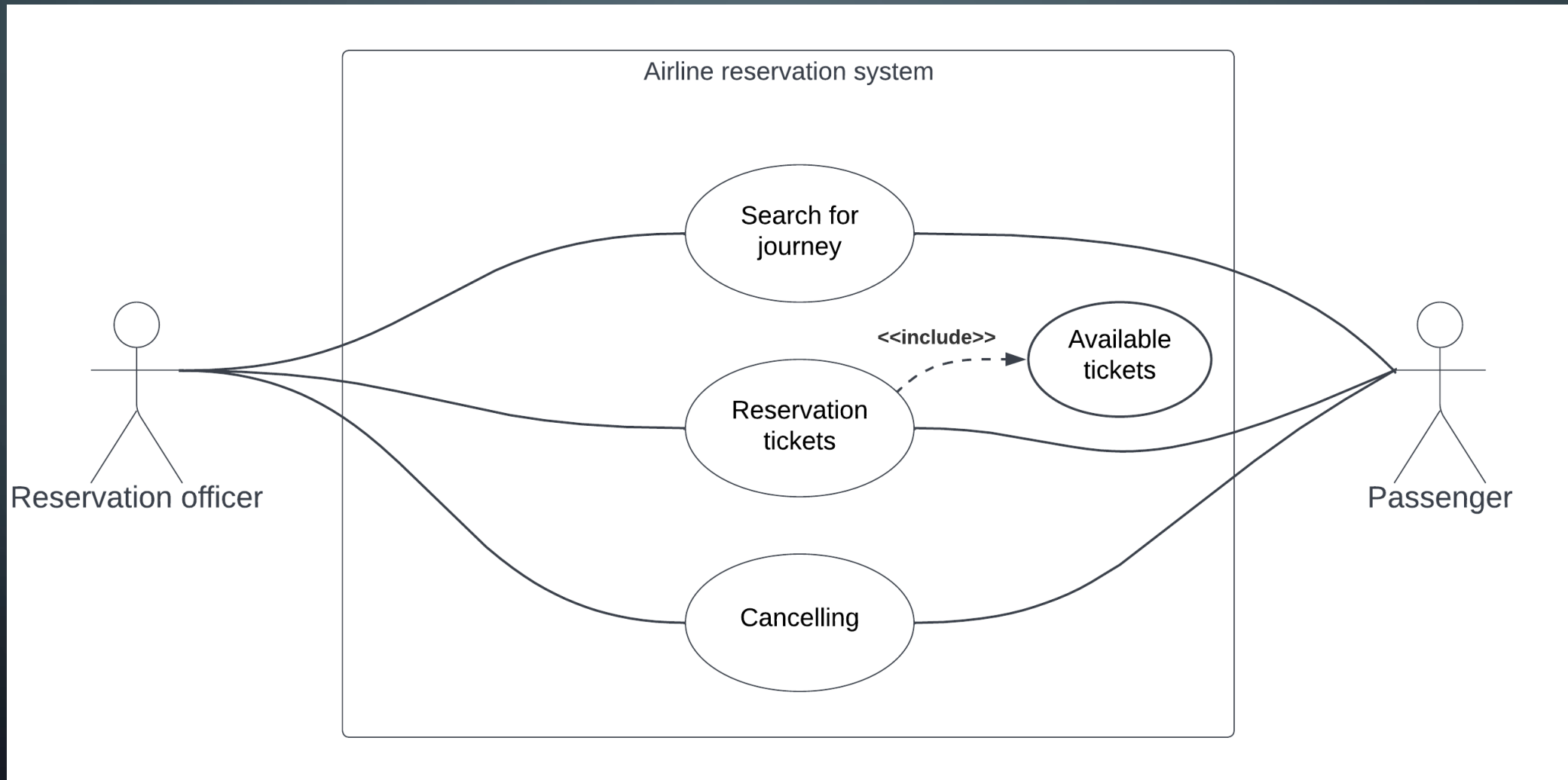
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Use case



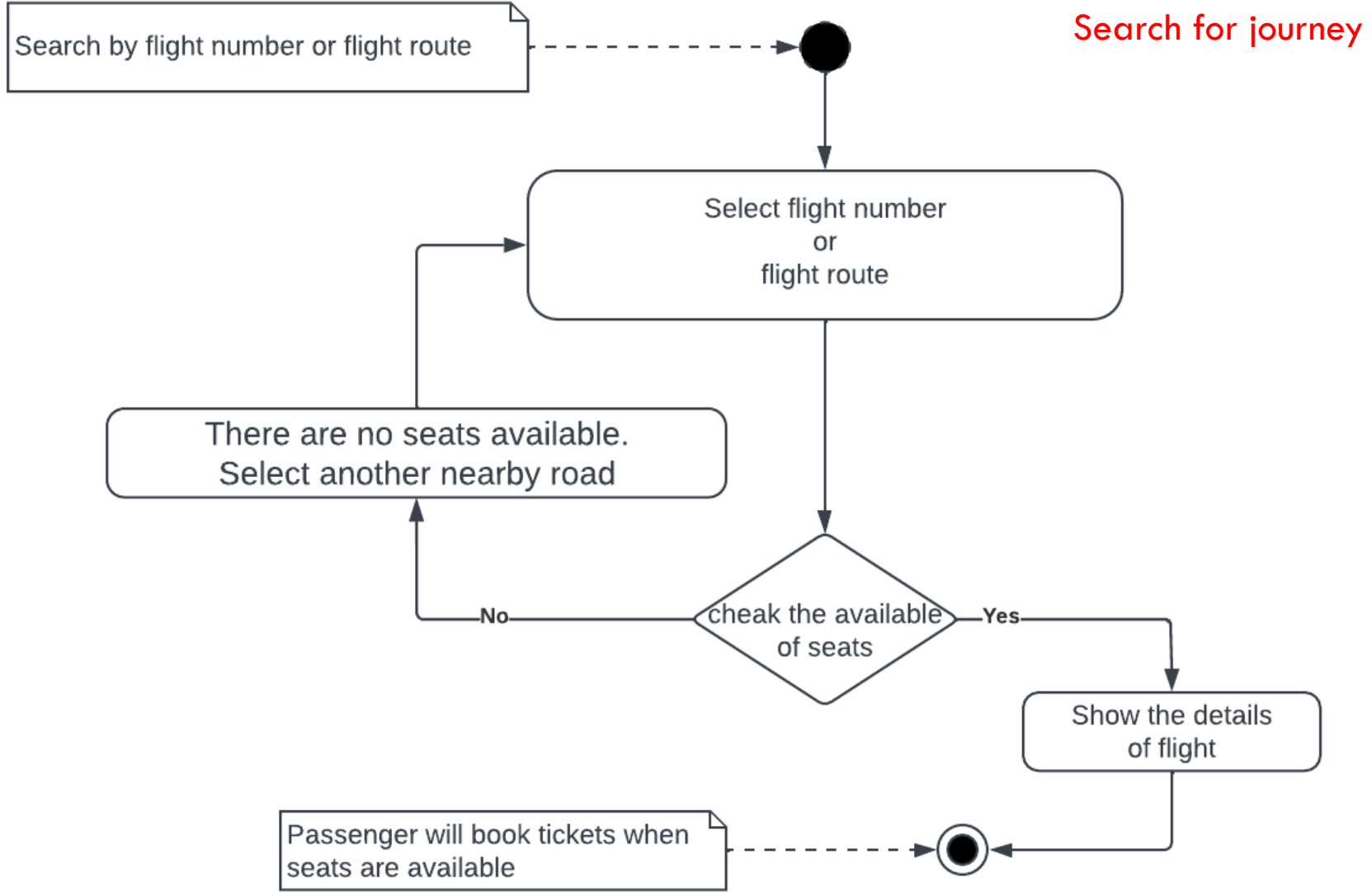
Use case ID	1
Use case name	Search for journey.
Actor	Reservation Officer, passenger.
Preconditions	must select flight name destination or date of journey.
Post conditions	Show all information about journey.
Normal flow	Select Route(destination or date of journey) Submit
Alternatives flows	- Insert undefined flight name destination or date of journey.

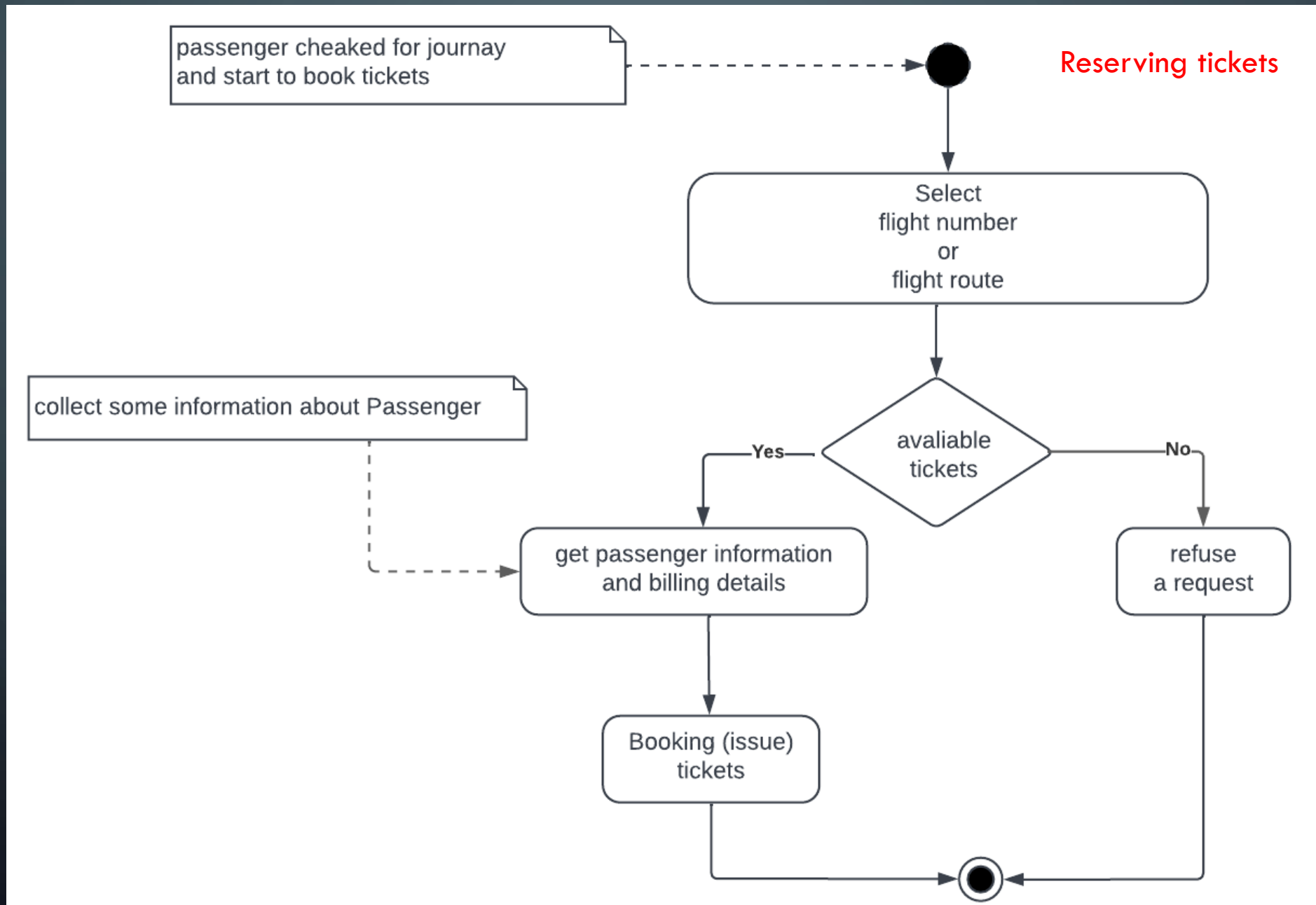
Use case ID	2
Use case name	Reserving Tickets.
Actor	Reservation Officer, passenger.
Preconditions	must select the route of journey and entering personal details.
Post conditions	The ticket is displayed with details about the flight name and number, number of passengers, ticket number, sex and age.
Normal flow	Select Route Submit and get passenger informations.
Alternatives flows	If this route is unknown or undefined tickets or no tickets available.

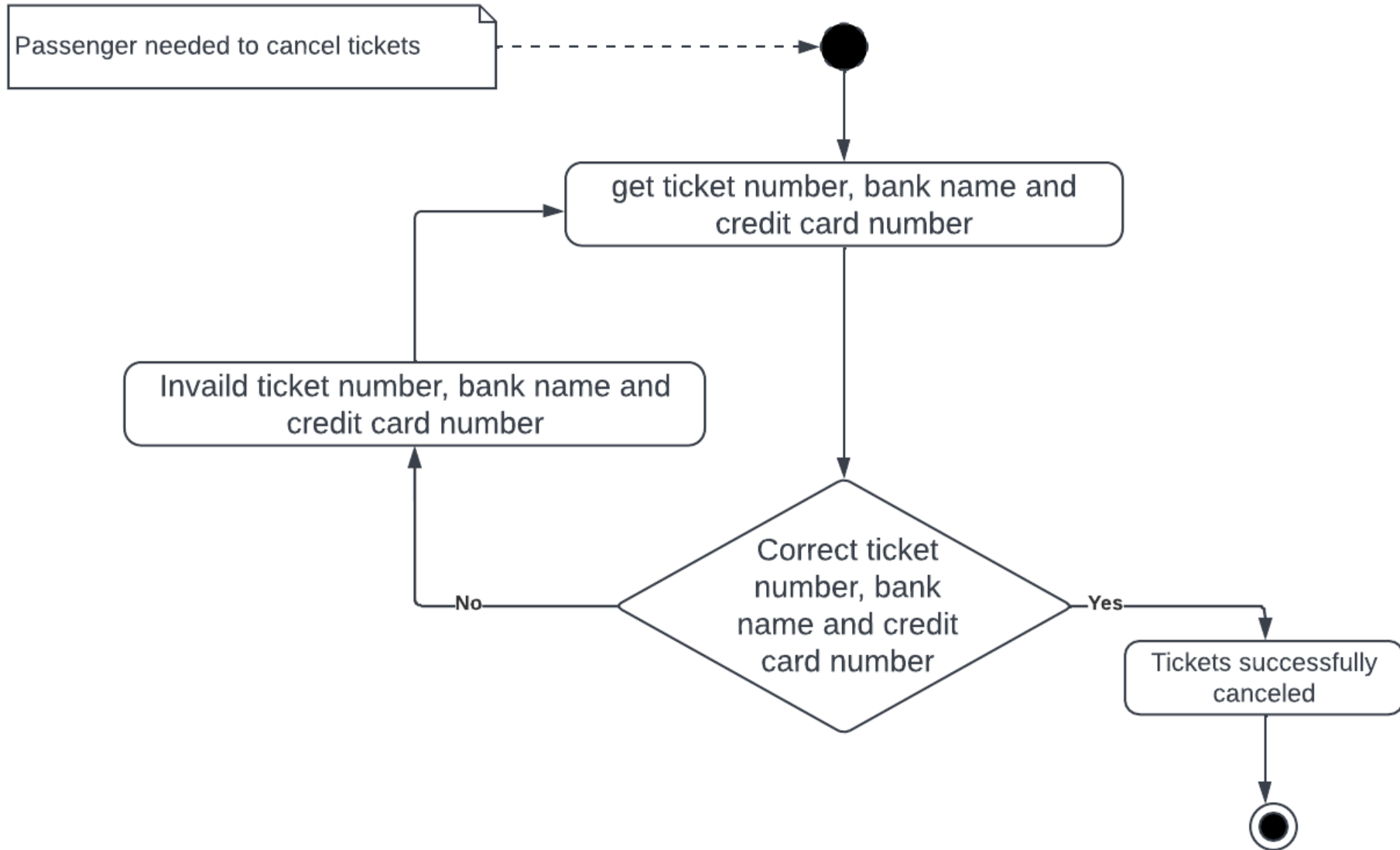
Use case ID	3
Use case name	Cancelling
Actor	Reservation Officer, passenger.
Preconditions	Enter quoting the ticket number, credit card number and bank name.
Post conditions	Cancellation successfully
Normal flow	Insert quoting the ticket number, credit card number and bank name.
Alternatives flows	Insert incorrect quoting the ticket number, credit card number and bank name.

The background features a dark blue gradient with faint, light blue circuit-like lines and nodes. These lines are concentrated along the left and right edges, with some extending towards the center. The nodes are small circles connected by thin lines, resembling a network or circuit board layout.

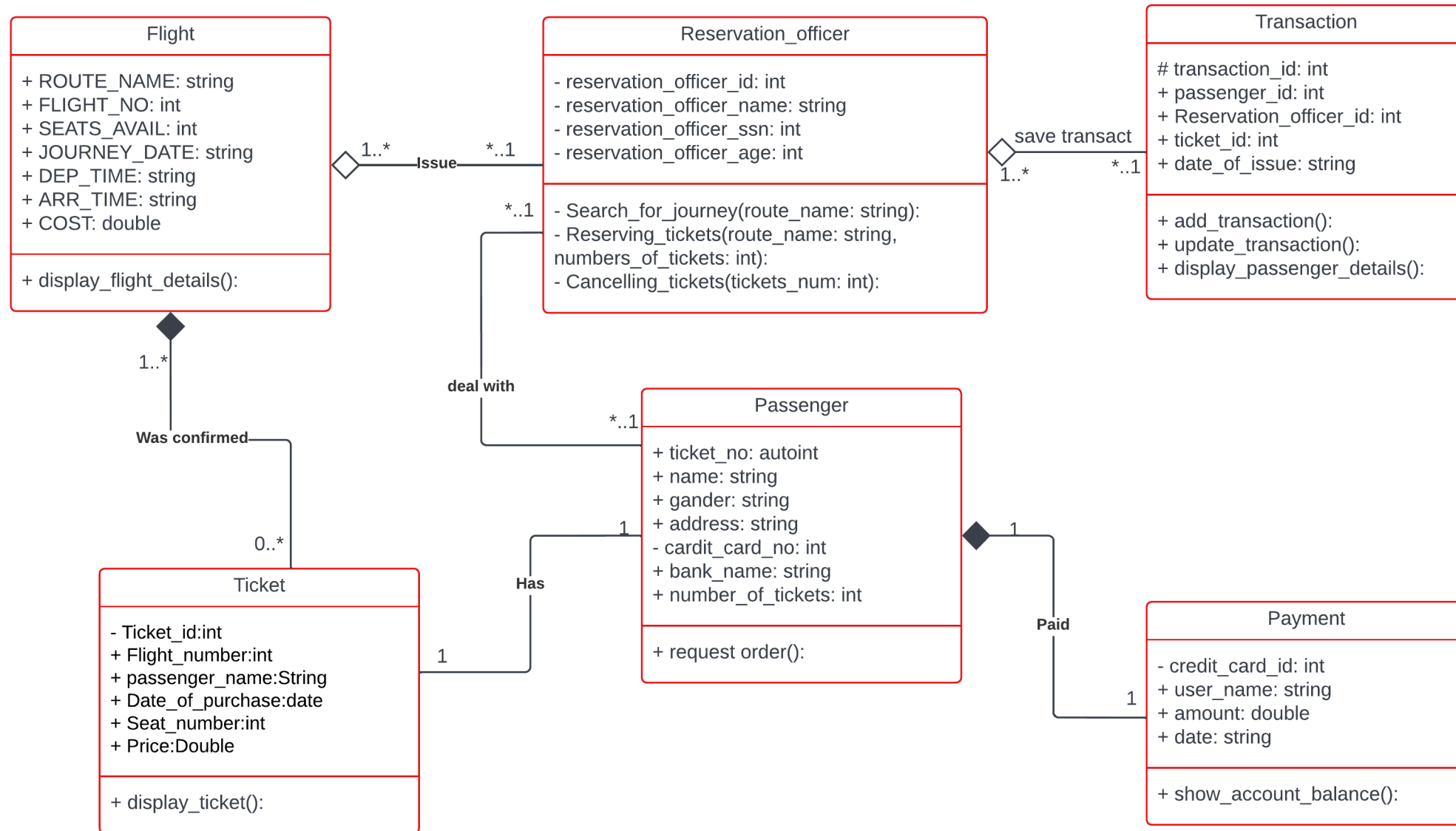
Activity Diagram



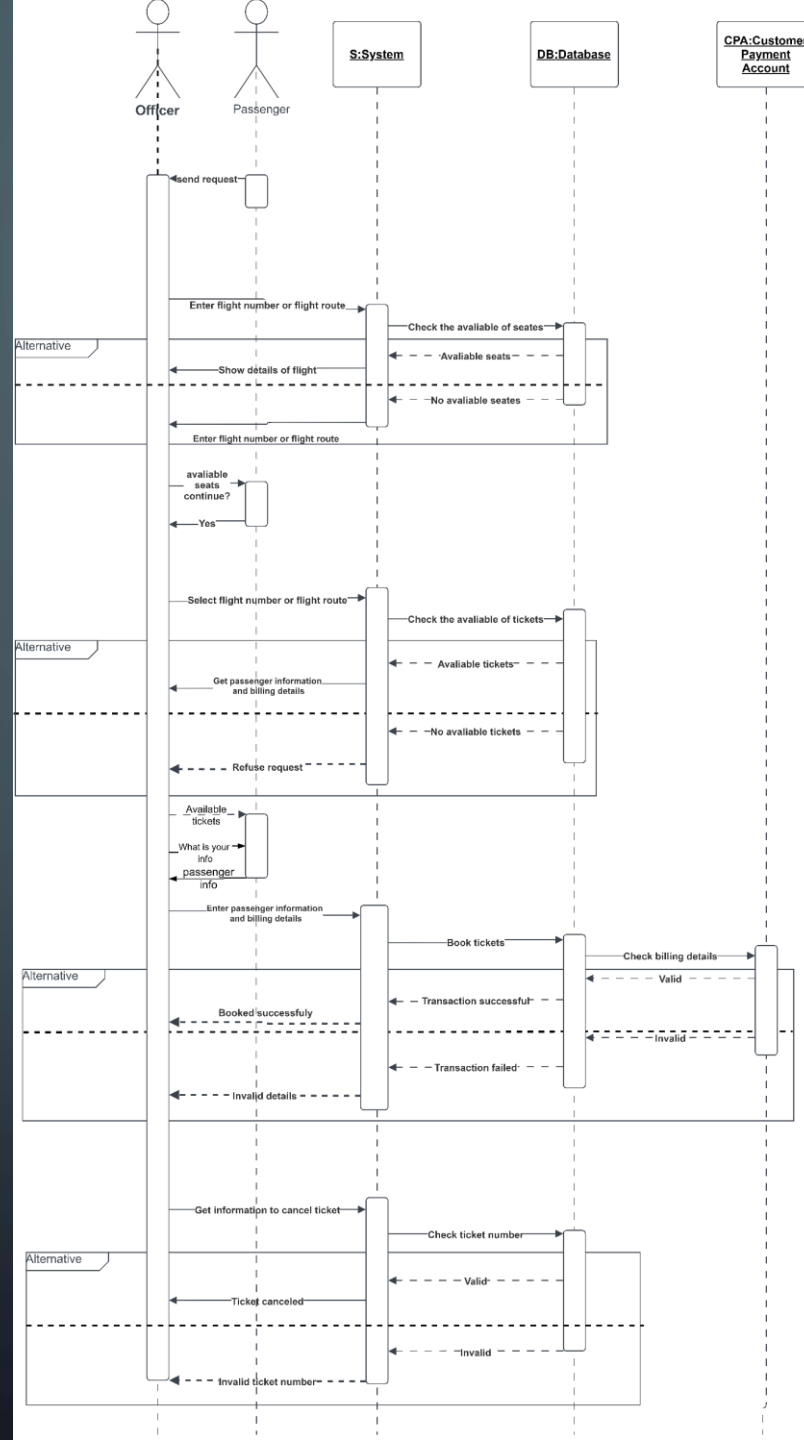




Class Diagram

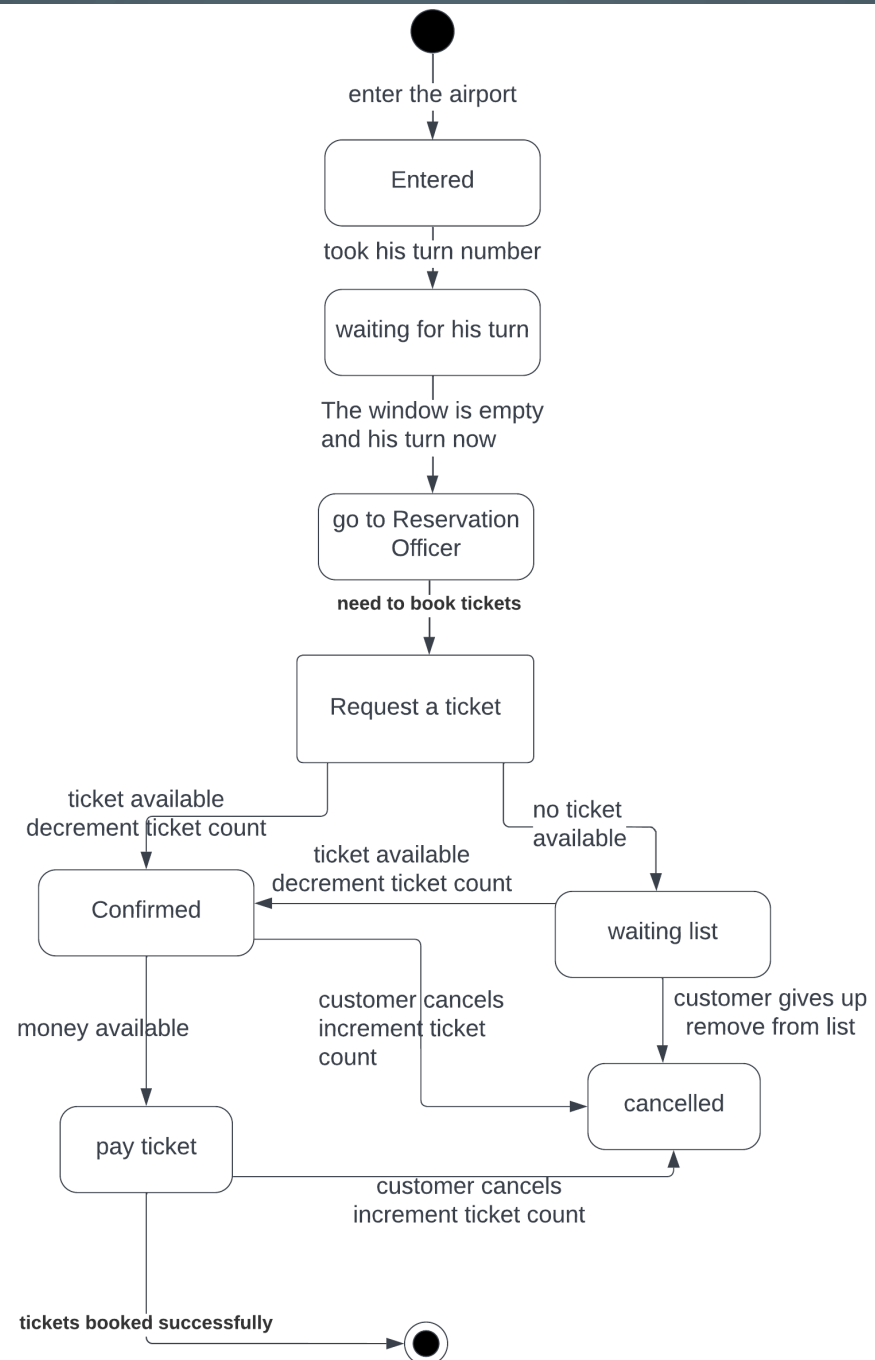


Sequence Diagram

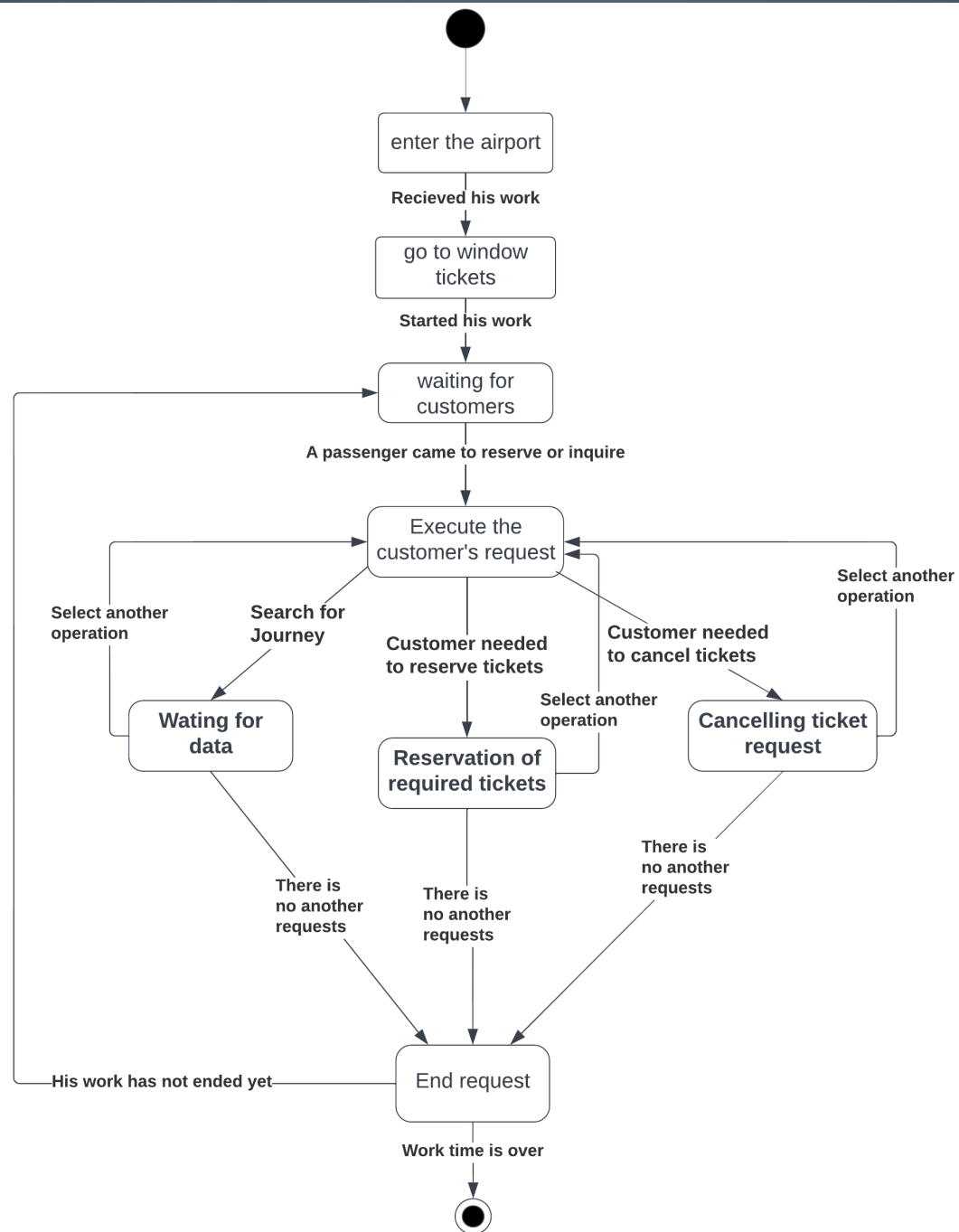


State Diagram

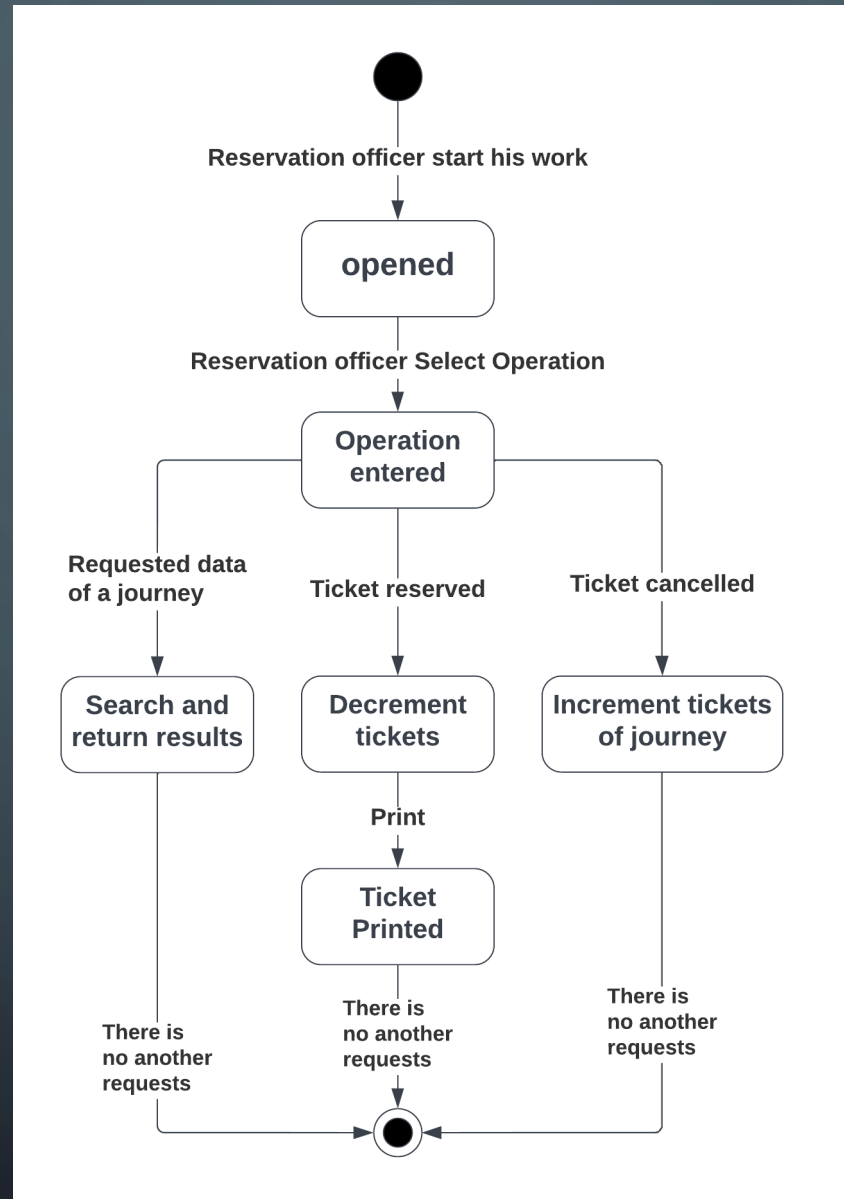
Passenger State



Reservation officer State



Computer State



DFD Diagram

