

# Project diagrams

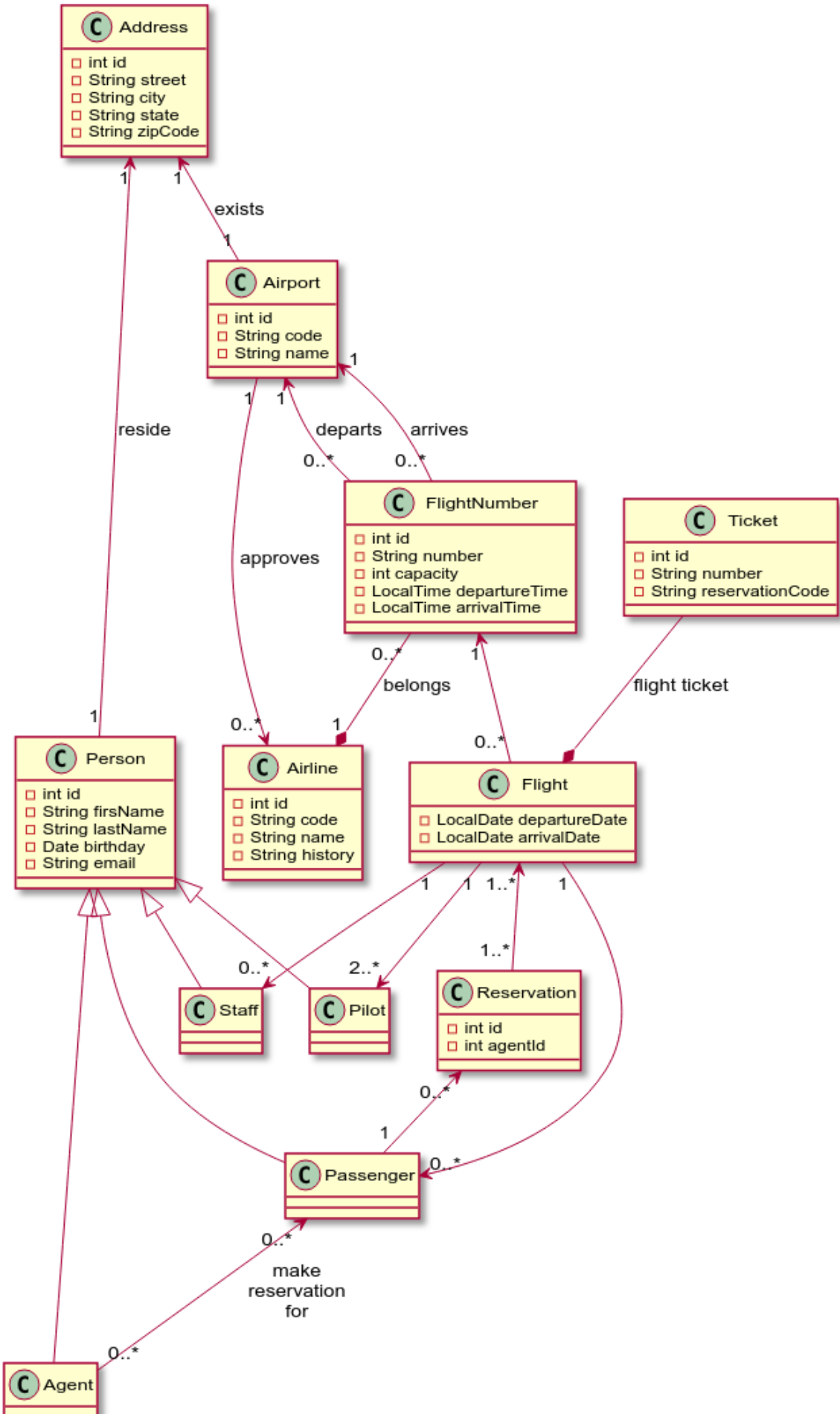
The steps to create

1. Class diagram
2. Use case diagram
3. Sequence diagram

## 1. Class diagram

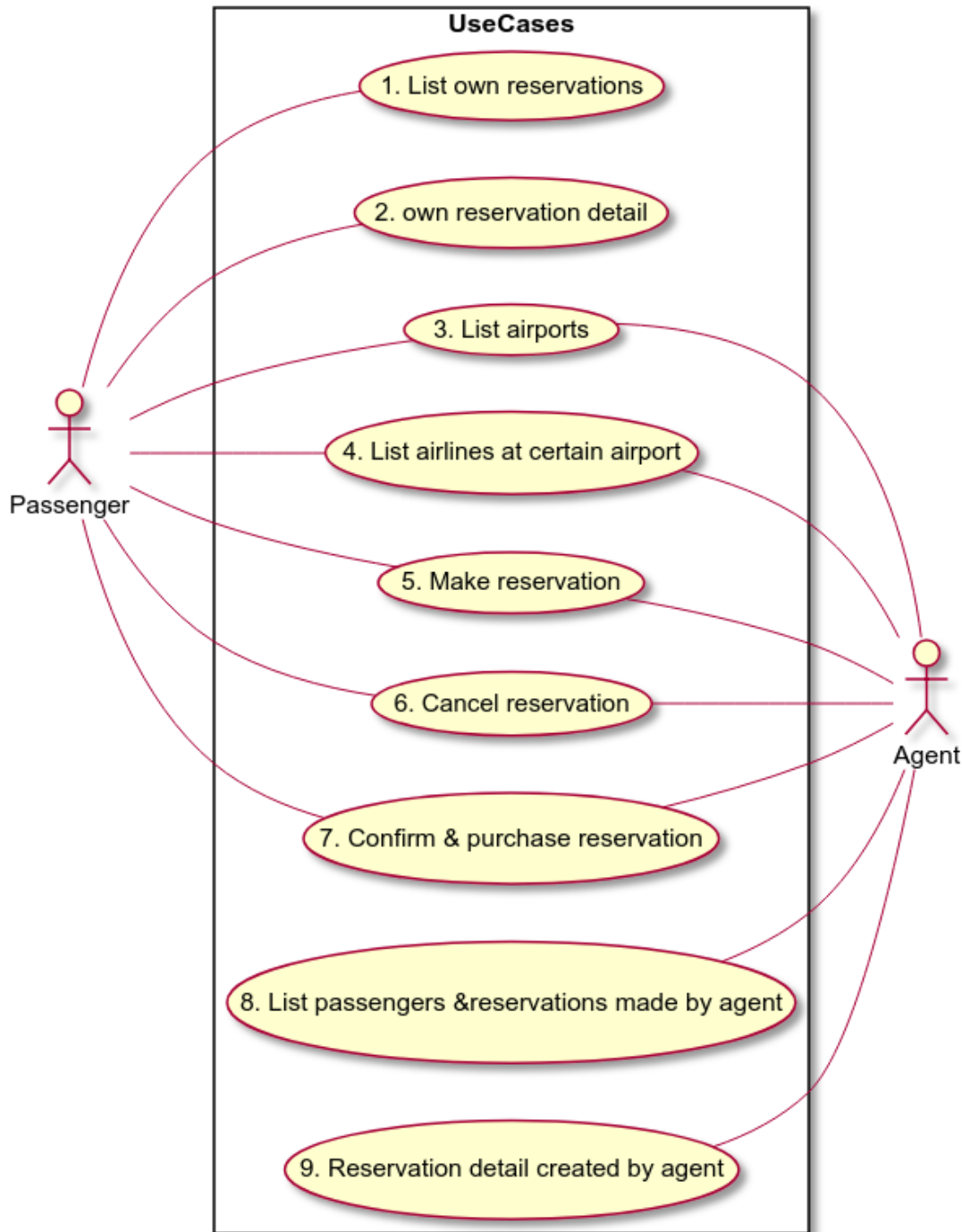
Class diagram PlantUML [source](#)

## Class diagram



## 2. Use case diagram

Use case diagram PlantUML [source](#)

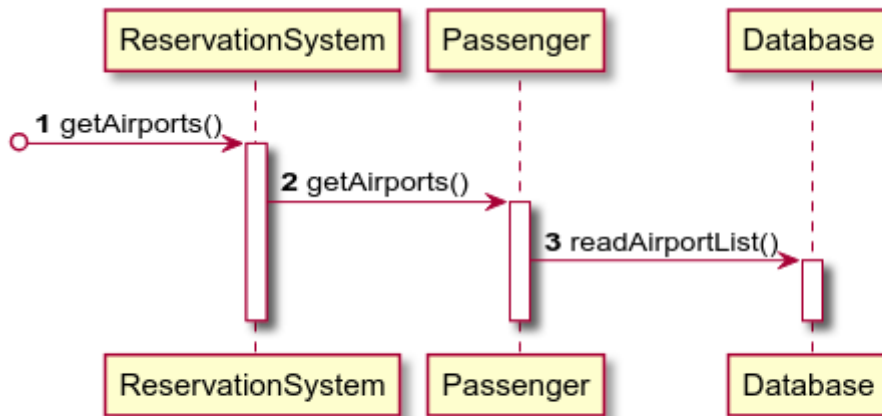


## 3. Sequence diagrams

## 3.1 Sequence diagram-1

Passenger: View list of airports

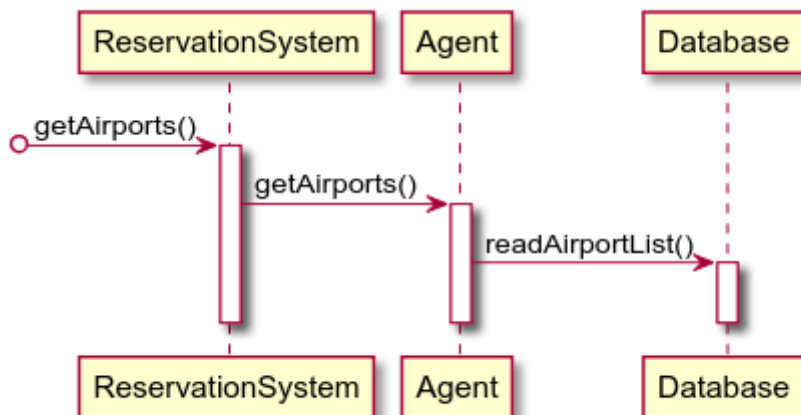
Sequence diagram PlantUML [source](#)



## 3.2 Sequence diagram-2

Agent: View list of airports

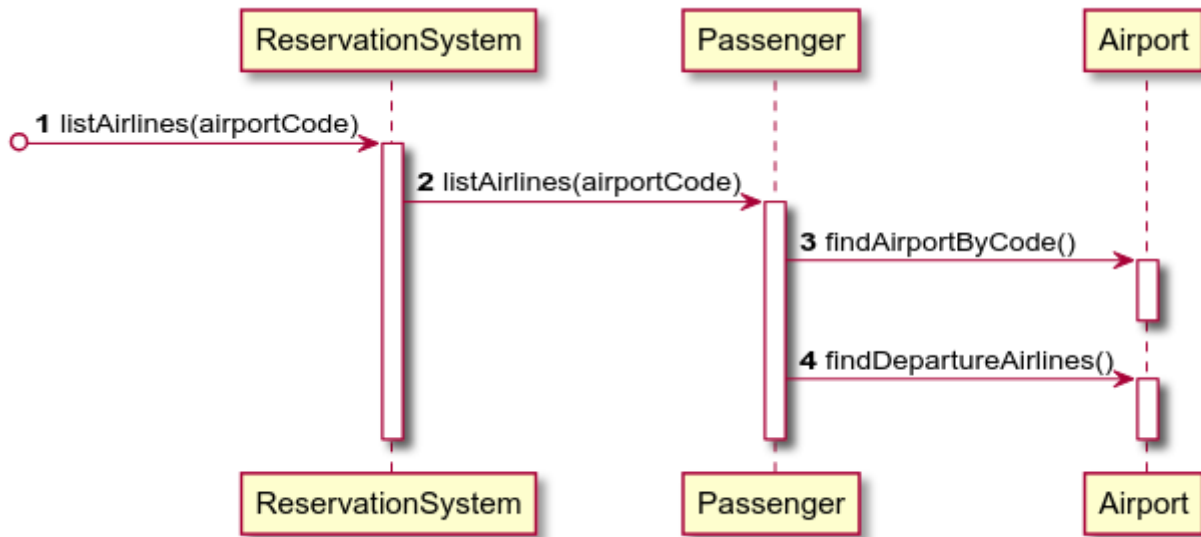
Sequence diagram PlantUML [source](#)



## 3.3 Sequence diagram-3

Passenger: View list of airlines flying out of an airport (search by airport three letter code)

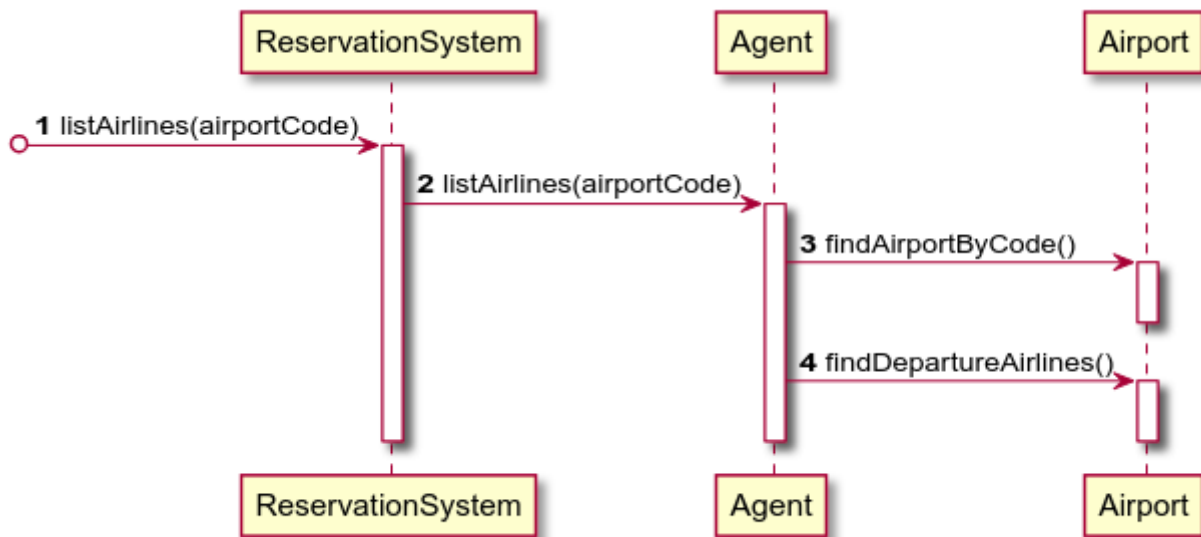
Sequence diagram PlantUML [source](#)



### 3.4 Sequence diagram-4

Agent: View list of airlines flying out of an airport (search by airport three letter code)

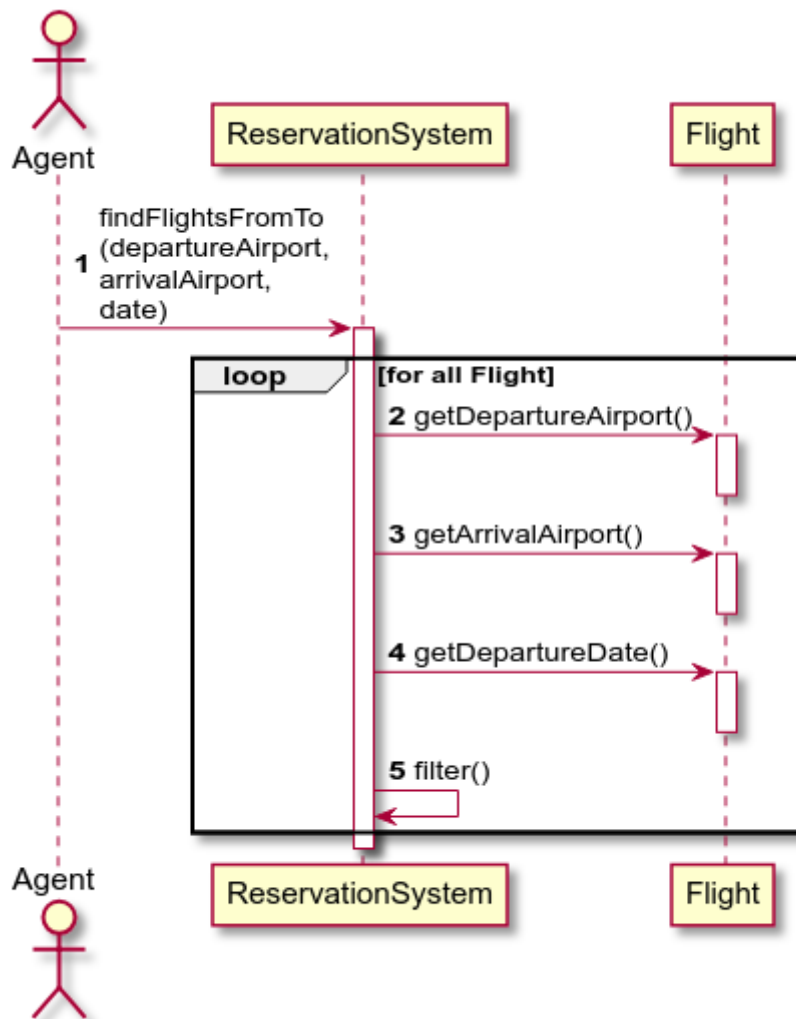
Sequence diagram PlantUML [source](#)



### 3.5 Sequence diagram-5

Passenger: View list of flights between a departure and destination for a date

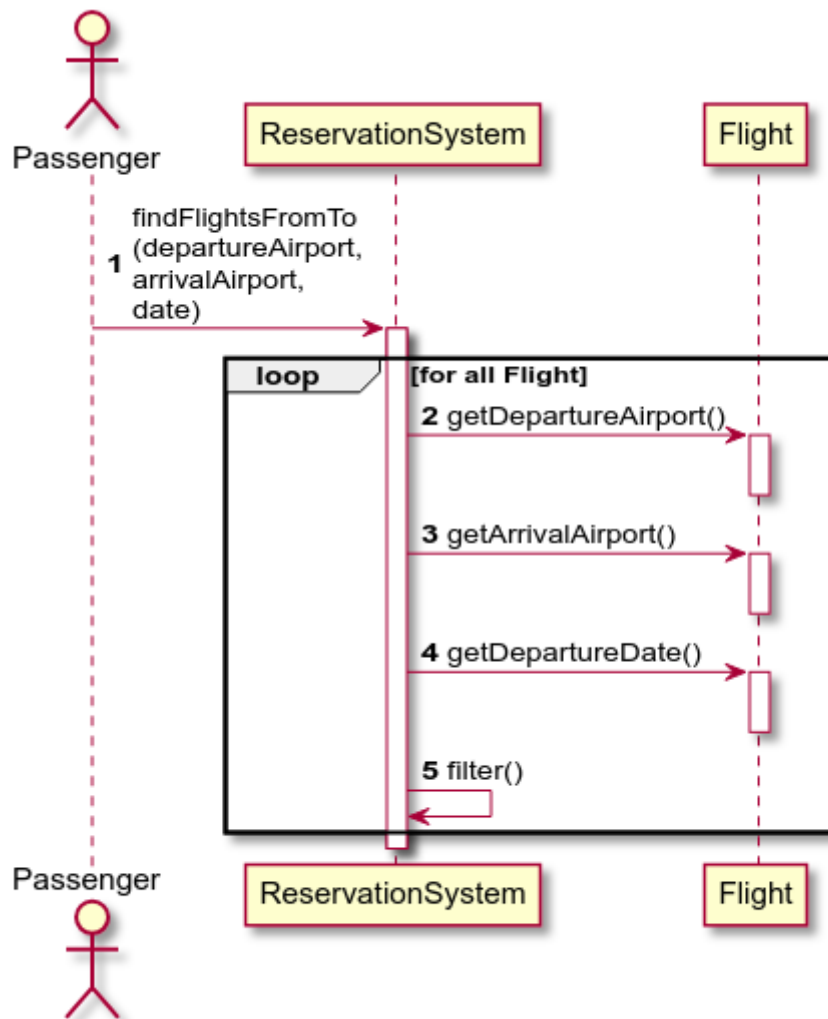
Sequence diagram PlantUML [source](#)



## 3.6 Sequence diagram-6

Agent: View list of flights between a departure and destination for a date

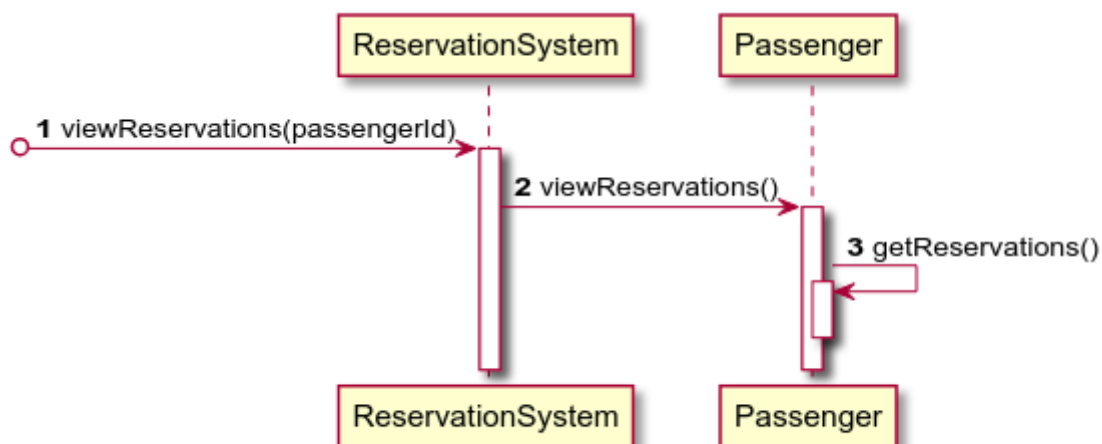
Sequence diagram PlantUML [source](#)



## 3.7 Sequence diagram-7

Passenger: View list of own reservations

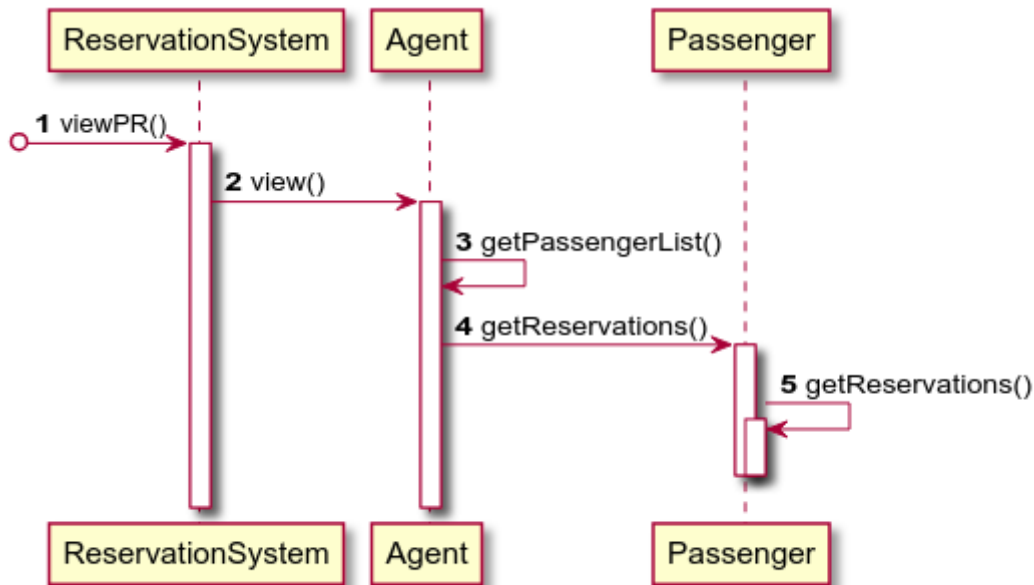
Sequence diagram PlantUML [source](#)



## 3.8 Sequence diagram-8

Agent: View list of passengers and reservations made for them “by this agent”

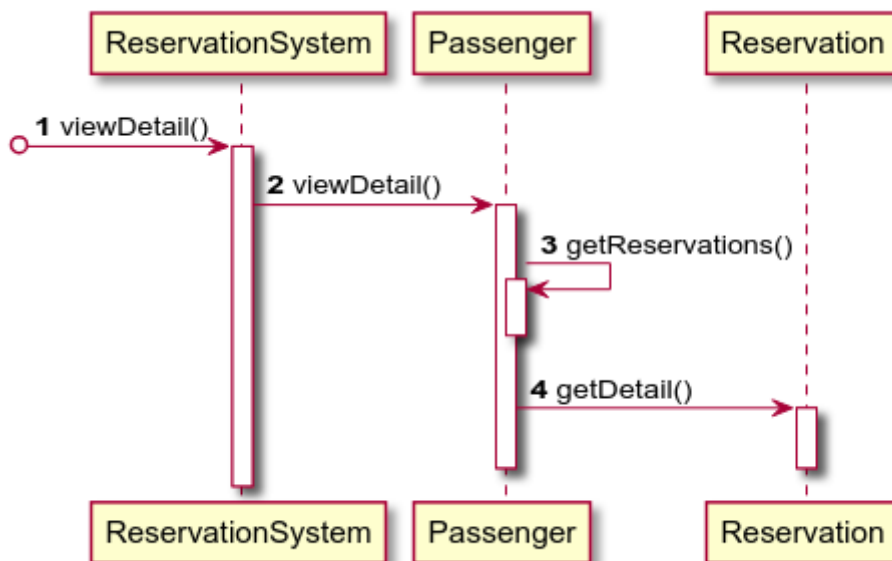
Sequence diagram PlantUML [source](#)



## 3.9 Sequence diagram-9

Passenger: View details of a reservation (flights, departure times, etc.)

Sequence diagram PlantUML [source](#)

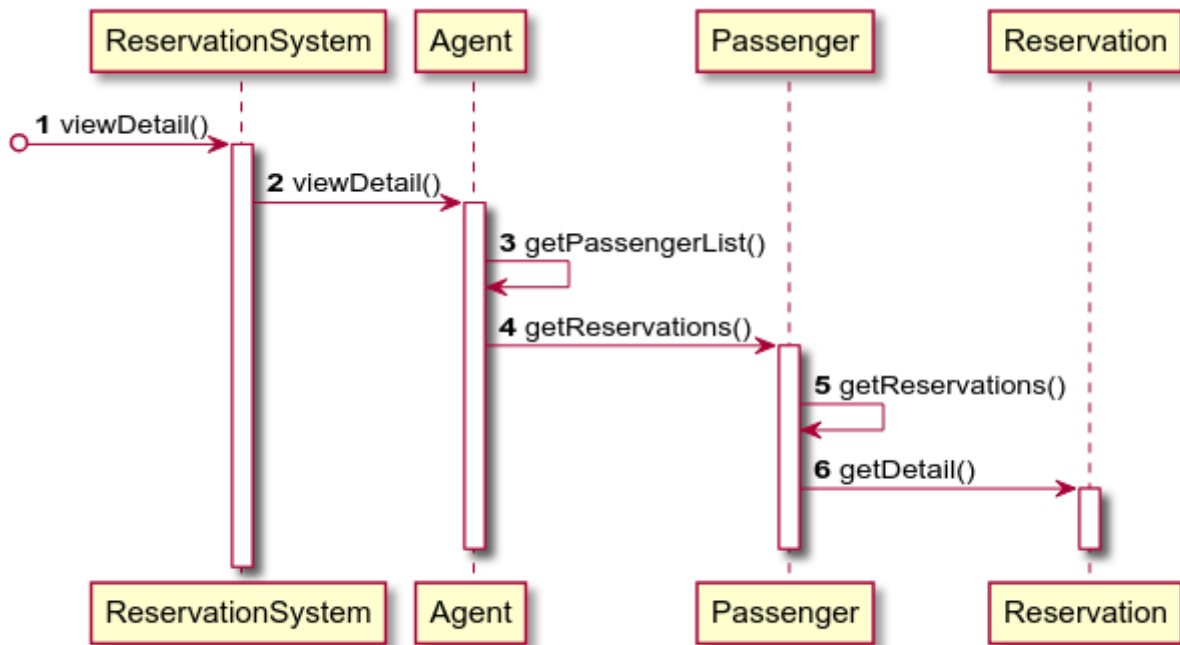


## 3.10 Sequence diagram-10



Agent: View details of a reservation (flights, departure times, etc.) – only if done by this agent

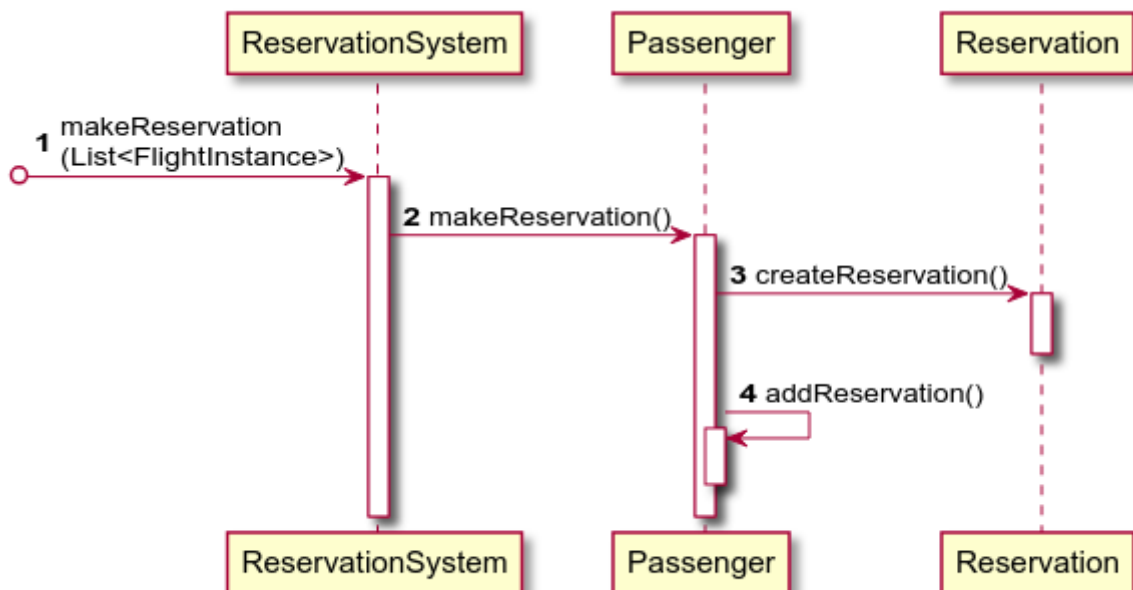
Sequence diagram PlantUML [source](#)



## 3.11 Sequence diagram-11

Passenger: Make a reservation (note: input will be a list of flights)

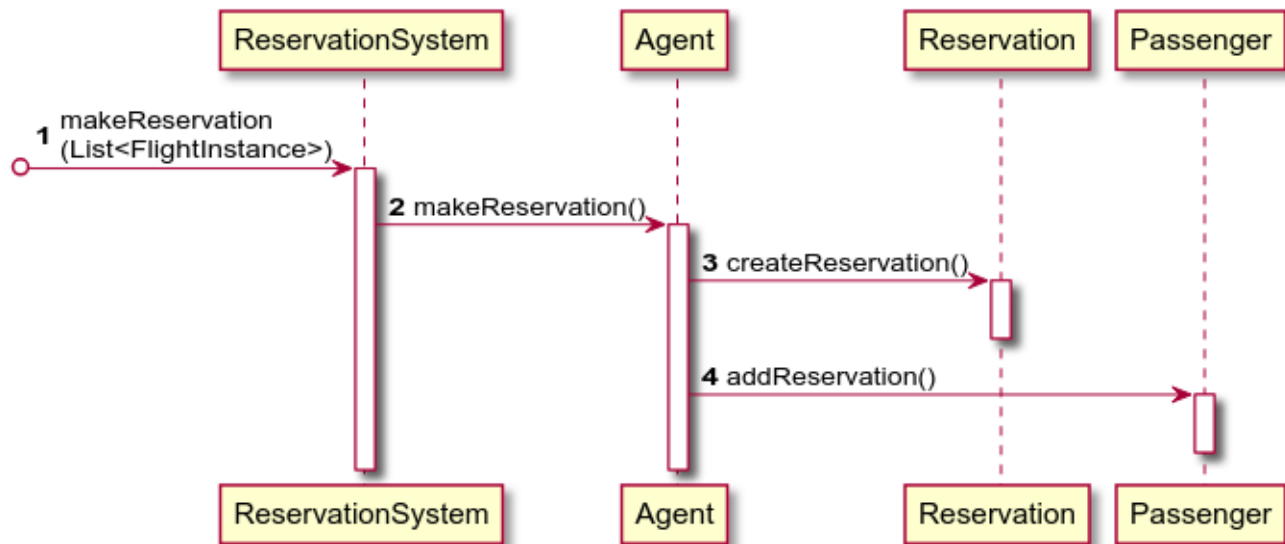
Sequence diagram PlantUML [source](#)



## 3.12 Sequence diagram-12


Agent: Make a reservation (note: payload will be a list of flights)

Sequence diagram PlantUML [source](#)



## 3.13 Sequence diagram-13

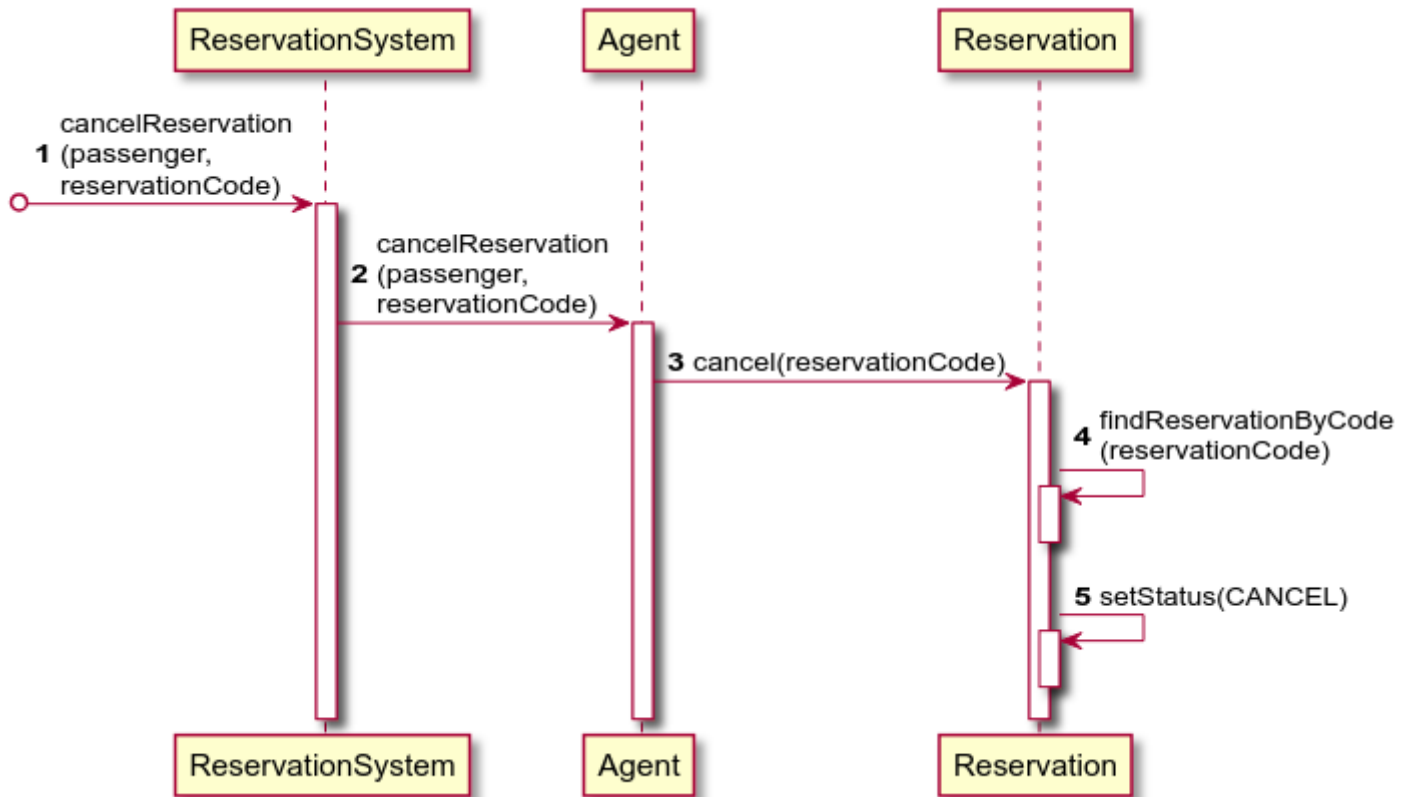
Passenger: Cancel a reservation

 Sequence diagram-13

## 3.14 Sequence diagram-14

Agent: Cancel a reservation

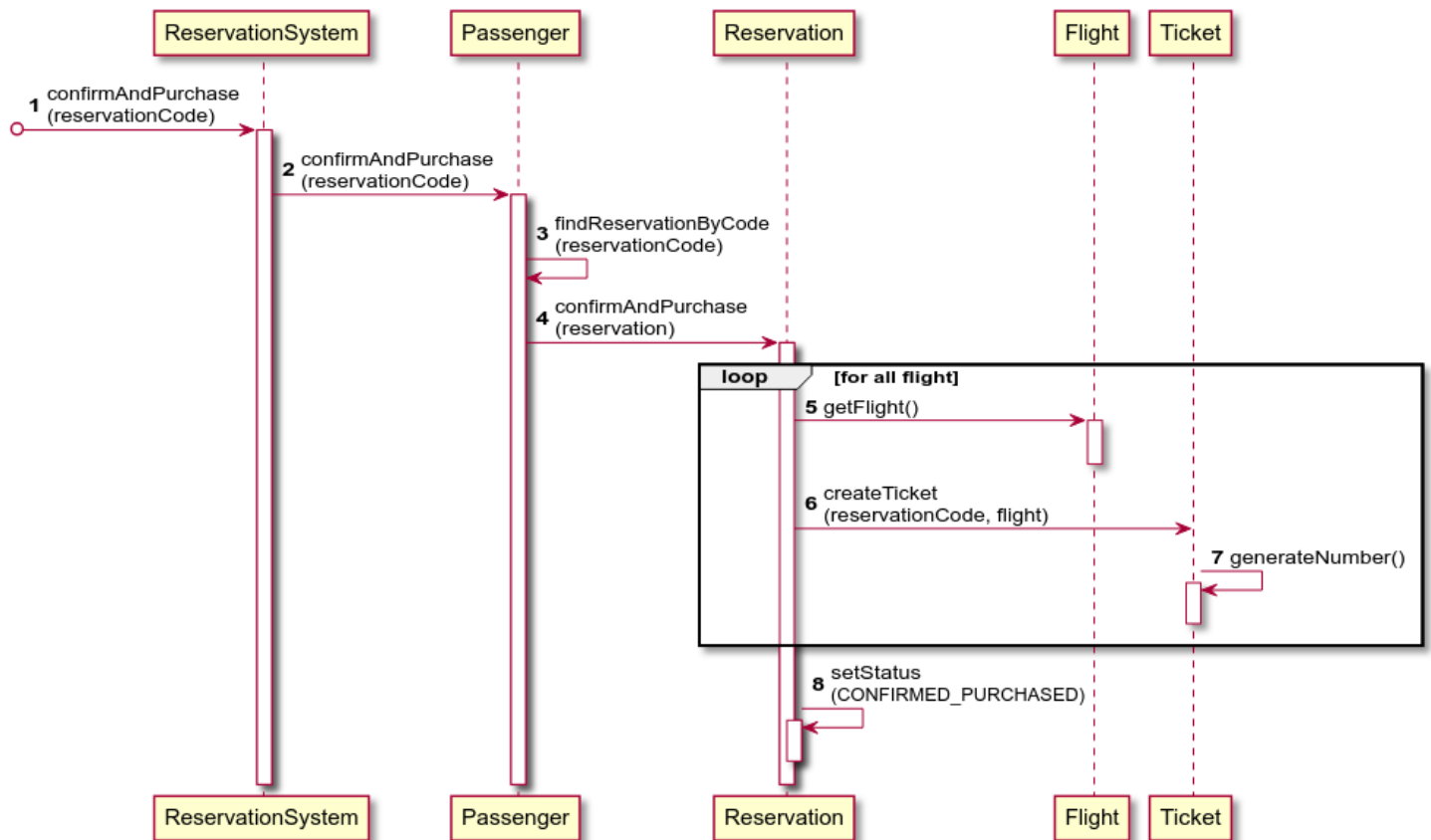
Sequence diagram PlantUML [source](#)



### 3.15 Sequence diagram-15

Passenger: Confirm and purchase a reservation. This will result in multiple tickets (one for each flight in the reservation)

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## 3.16 Sequence diagram-16

Agent: Confirm and purchase a reservation. This will result in multiple tickets (one for each flight in the reservation)

Sequence diagram PlantUML [source](#)

