

Operation contracts for methods in sequence diagram

Contract #1: viewFullInfo()

Operation: viewFlightInfo(source,destination)

Cross References: Use case 1: view flights given a source-destination pair

Preconditions: The flight must exist in the system
The user must be a registered user.

Postconditions: The flight object is found and returned to the caller.

Contract #2: viewBasicInfo()

Operation: viewBasicInfo(source,destination)

Cross References: Use case 1: view flights given a source-destination pair

Preconditions: The flight must exist in the system
The user must be a non-registered user.

Postconditions: The flight object is found and returned to the caller.

Contract #2: viewPrivateInfo()

Operation: viewPrivateInfo(source,destination)

Cross References: Use case 1: view flights given a source-destination pair

Preconditions: The flight must exist in the system
The user must be an airport administrator of either the source or destination airport.

Postconditions: The flight object is found and returned to the caller.