

<u>Contract CO2:</u>	login
<u>Operation:</u>	login(username: String, password:String)
<u>Cross Reference:</u>	Use case: View Flights
<u>Preconditions:</u>	<ul style="list-style-type: none"> • A user with the specified username and password exists already.
<u>Postconditions:</u>	<ul style="list-style-type: none"> • An instance of User user was created. • An instance of Authentication auth was created. • user.isRegistered was set to True. • An association from console to auth was created.

<u>Contract CO2:</u>	getFlights
<u>Operation:</u>	getFlights(source: Airport, destination: Airport)
<u>Cross Reference:</u>	Use case: View Flights
<u>Preconditions:</u>	<ul style="list-style-type: none"> • A registered or unregistered user is accessing the system.
<u>Postconditions:</u>	<ul style="list-style-type: none"> • An instance of Flight flight was created. • An association from console to flight was created.