

System Operations Use Case 2: Process Bookings

- login(email, password)
 - viewAvailableOfferings()
 - createBooking(client, offering)
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Contract CO1: login [see operation contracts from use case: process offerings]

Contract CO3: viewAvailableOfferings

Operation: viewAvailableOfferings()

Cross References: Use Case: Process Bookings

Preconditions:

- User is logged in as a Client.

Postconditions:

- All offerings available to clients are returned.
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Contract CO4: createBooking

Operation: createBooking(client, offering)

Cross References: Use Case: Process Bookings

Preconditions:

- User is logged in as a Client.
- The selected offering exists in the system with available status to clients.

Postconditions:

- A booking instance is created. (instance creation)
- The booking instance is associated with the selected client (association formation)

- The booking instance is associated with the selected offering (association formation)