

PROCESS BOOKING

viewAvailableOffers

- **Operations Contracts:** `viewAvailableOffers()`
 - **Cross-references:** Process Booking
 - **Precondition:** None
 - **Postcondition:**
A list of available lessons is shown to the public or the client.
-

bookOffer

- **Operations Contracts:** `bookOffer(OfferID, name, age, adultUnderage)`
 - **Cross-references:** Process Booking
 - **Preconditions:**
 - Client is logged in.
 - Offer is available.
 - `OfferID` exists in the system.
 - If the client is under 18, an adult's name is provided.
 - **Postconditions:**
 - Booking is created, linking the lesson to the client.
 - Lesson capacity and availability are updated.
-

viewBooking

- **Operations Contracts:** `viewBooking()`
 - **Cross-references:** Process Booking
 - **Precondition:** Client is logged in.
 - **Postcondition:** Client's booking details are retrieved and shown.
-

cancelBooking

- **Operations Contracts:** `cancelBooking()`

- **Cross-references:** Process Booking
 - **Preconditions:**
 - Client is logged in and owns the `bookingID`.
 - `bookingID` exists.
 - **Postconditions:**
 - Booking is deleted, and associations are removed.
 - Lesson capacity and availability are updated.
 - Client's booking history is updated.
-