**makeBooking – User Makes a Booking**

Description: This completes a set of actions to make a booking in the hotel. A booking is made and recorded.

Pre-conditions: The main menu must be displayed and functional.

Post-conditions: The booking is either made, cancelled, and/or a new guest is registered.

Data required: String.

**cancelBooking – User Cancels a Booking**

Description: This completes a set of actions to cancel a booking in the hotel. A booking is cancelled.

Pre-conditions: The main menu must be displayed and functional, this guest already has a booking.

Post-conditions: The booking is cancelled, or remains.

Data required: String.

**checkIn – User Checks In**

Description: This completes a set of actions for a guest to check in with the hotel. The guest checks in.

Pre-conditions: The main menu must be displayed and functional.

Post-conditions: States are changed to indicate that the guest has checked in, or no changes are made.

Data required: Int.

**checkOut – User Checks Out**

Description: This completes a set of actions for a guest to check out with the hotel. The guest checks out.

Pre-conditions: The main menu must be displayed and functional, guest must have already checked in.

Post-conditions: States are changed to indicate that the guest has checked out, the room state is set to empty.

Data required: Int.

**recordService – Record Service to Hotel**

Description: This records a service to the hotel database. A service is recorded to the hotel.

Pre-conditions: The main menu must be displayed and functional.

Post-conditions: A service is recorded to the hotel and a charge is recorded to the guest.

Data required: Int, double.