The stucture of the backend system

MainMenu

- 1. Find and reserve a room
- 2. See my reservation
- 3. Create an account
- 4. Admin
- 5. Exit

AdminMenu

- 1.See all Customers
- 2.See all Rooms
- 3.See all reservations
- 4.Add a Room
- 5.Back to Main Menu

HotelResource

Static

- + getCustomer(String email) : Customer
- + createACustomer(String email, String firstName, String lastName): void
- + getRoom(String roomNumber) : IRoom
- + bookARoom(String customerEmail, IRoom room, Date checkInDate, Date checkOutDate): Reservation
- + getCustomersReservations(String customerEmail) : Collections<Reservation>
- + findARoom(Date checkIn, Date checkOut): Collections<IRoom>

AdminResource

Static

- + addRoom(List<IRoom> rooms) : void
- + getAllRooms(): Collection<IRoom>
- + getAllCustomers(): Collection<Customer>
- + displayAllReservations(): void

