Daniel Sanchez
CS 234
HMS UserGuide
After compiling and running command java on the MainMenu class you are brought to the top menu:

Automated data is generated and a message is displayed along with the meu at the start of the program

```
Automated guest and room creation completed.

Hotel Management SYSTEM:
1. Manager Desk only (crud operations)
2. Reports (guest, room, booking)
3. Front Desk only (guest intake, daily sales report)
4. Exit Program
Enter choice: |
```

You can choose 1 it allows for modifications via the "manager desk" this is the base CRUD menu and its offerings:

```
Hotel Management SYSTEM:
1. Manager Desk only (crud operations)
2. Reports (guest, room, booking)
3. Front Desk only (guest intake, daily sales report)
4. Exit Program
Enter choice: 1

Crud (Manager Desk) Options:
1. Add Guest
2. Add Room
3. Add Booking
4. Delete Room
5. Delete Guest
6. Delete Booking
7. Edit Guest
8. Edit Room
9. Back to Main Menu
Enter choice: |
```

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You can choose 2 it allows you to view multiple reports in the system:

Guest in hotel system:

```
Enter choice: 1
Report of Guests:
Guest [Name: Guest1, Contact Number: 1800-505-0101, Email: guest1@gmail.com]
Guest [Name: Guest2, Contact Number: 1800-505-0102, Email: guest2@gmail.com]
Guest [Name: Guest3, Contact Number: 1800-505-0103, Email: guest3@gmail.com]
Guest [Name: Guest4, Contact Number: 1800-505-0104, Email: guest4@gmail.com]
Guest [Name: Guest5, Contact Number: 1800-505-0105, Email: guest5@gmail.com]
Guest [Name: AutoGuest1, Contact Number: AutoContact1, Email: auto1@gmail.com]
Guest [Name: AutoGuest2, Contact Number: AutoContact2, Email: auto2@gmail.com]
Guest [Name: AutoGuest3, Contact Number: AutoContact3, Email: auto3@gmail.com]
```

Rooms in hotel system:

```
Report Options:
1. Report Guests
2. Report Rooms
3. Report Bookings
4. Back to Main Menu
Enter choice: 2
Report of Rooms:
Room [Room Number: 1, Type: Single, Price: 100.0, Occupied: false]
Room [Room Number: 2, Type: Single, Price: 100.0, Occupied: false]
Room [Room Number: 3, Type: Single, Price: 100.0, Occupied: false]
Room [Room Number: 4, Type: Single, Price: 100.0, Occupied: false]
Room [Room Number: 5, Type: Single, Price: 100.0, Occupied: false]
Room [Room Number: 1, Type: Double, Price: 150.0, Occupied: false]
Room [Room Number: 2, Type: Double, Price: 150.0, Occupied: false]
Room [Room Number: 3, Type: Double, Price: 150.0, Occupied: false]
Room [Room Number: 4, Type: Double, Price: 150.0, Occupied: false]
Room [Room Number: 5, Type: Double, Price: 150.0, Occupied: false]
Room [Room Number: 1, Type: Suite, Price: 200.0, Occupied: false]
Room [Room Number: 2, Type: Suite, Price: 200.0, Occupied: false]
Room [Room Number: 3, Type: Suite, Price: 200.0, Occupied: false]
Room [Room Number: 4, Type: Suite, Price: 200.0, Occupied: false]
Room [Room Number: 5, Type: Suite, Price: 200.0, Occupied: false]
Room [Room Number: 1, Type: AutoRoomType1, Price: 100.0, Occupied: true]
Room [Room Number: 2, Type: AutoRoomType2, Price: 100.0, Occupied: true]
Room [Room Number: 3, Type: AutoRoomType3, Price: 100.0, Occupied: true]
```

Bookings in hotel system with unique ID:

```
Report Options:
1. Report Guests
2. Report Rooms
3. Report Bookings
4. Back to Main Menu
Enter choice: 3
Report of Bookings:
Booking ID: 1
Guest: Guest [Name: AutoGuest1, Contact Number: AutoContact1, Email: auto1@gmail.com]
Room: Room [Room Number: 1, Type: AutoRoomType1, Price: 100.0, Occupied: true]
Check-In Date: Sun Nov 12 11:00:05 MST 2023
Check-Out Date: Mon Nov 13 11:00:05 MST 2023

Booking ID: 2
Guest: Guest [Name: AutoGuest2, Contact Number: AutoContact2, Email: auto2@gmail.com]
Room: Room [Room Number: 2, Type: AutoRoomType2, Price: 100.0, Occupied: true]
Check-In Date: Sun Nov 12 11:00:05 MST 2023
Check-Out Date: Mon Nov 13 11:00:05 MST 2023

Booking ID: 3
Guest: Guest [Name: AutoGuest3, Contact Number: AutoContact3, Email: auto3@gmail.com]
Room: Room [Room Number: 3, Type: AutoRoomType3, Price: 100.0, Occupied: true]
Check-In Date: Sun Nov 12 11:00:05 MST 2023
Check-Out Date: Mon Nov 13 11:00:05 MST 2023
```

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You can also choose selection 3 on the top menu and head to the "front desk":

```
Hotel Management SYSTEM:
1. Manager Desk only (crud operations)
2. Reports (guest, room, booking)
3. Front Desk only (guest intake, daily sales report)
4. Exit Program
Enter choice: 3

Front Desk Options:
1. Create Booking at front desk
2. Daily Sales Report
3. Back to Main Menu
Enter choice: |
```

Generate a daily sales report based on today's date:

```
Hotel Management SYSTEM:
1. Manager Desk only (crud operations)
2. Reports (guest, room, booking)
3. Front Desk only (guest intake, daily sales report)
4. Exit Program
Enter choice: 3

Front Desk Options:
1. Create Booking at front desk
2. Daily Sales Report
3. Back to Main Menu
Enter choice: 2
Enter todays current date for the daily sales report in the format (yyyy-MM-dd): 2023-11-12
Daily Sales Report for 2023-11-12:
Total Sales: $300.0

Hotel Management SYSTEM:
1. Manager Desk only (crud operations)
2. Reports (guest, room, booking)
3. Front Desk only (guest intake, daily sales report)
4. Exit Program
Enter choice: |
```

You can also book at the front desk.