**Shall Statements**

1. The system shall allow authorized users to access the Detailed Resort Summary Report, which describes booking status for each room and any confirmations/cancellations based on a given date range.
2. The system shall allow users to browse a catalog of all types of rooms that are available at the resort.
3. The system shall allow users to narrow down their booking criteria via filtering their selection based on room availability, price, suite size, and sleeping accommodations.
4. The system shall allow users to cancel their appointment through the use of a booking confirmation number.
5. The system shall allow users to enter credit card payment information to book a room after selecting their choice of room.
6. The system shall send the user an email of the booking confirmation with a link to cancel the appointment.
7. The system shall display a list of rooms and their booked status.
8. The system shall generate a unique confirmation number for every booking.
9. The system shall allow hotel staff to display the booking status of hotel rooms.
10. The system shall store current and past occupancy information and associated confirmation numbers on a SQL database.