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**Group Nice**

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**NiceH&R**  
**Use-Case Specification: View-Room**

**Version <1.0>**

NiceH&R	Version: <1.0>
Use-Case Specification: View-Room	Date: 17/11/2023
<document identifier>	

## Revision History

Date	Version	Description	Author
17/11/2023	1.0	PA2 Version	Group Nice

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<document identifier>	

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# Use-Case Specification: View-Room

## 1. Use-Case Name

### 1.1 Brief Description

The "View Room Information" use case allows both potential guests and visitors to explore available rooms and their details within the hotel and restaurant website. Users can access this feature to browse through various room categories, view room images, check amenities, availability, pricing, and make informed about their accommodation preferences. This use case provides an interactive platform for users to gather comprehensive information, aiding them in selecting suitable accommodations tailored to their preferences and requirements.

## 2. Flow of Events

### 2.1 Basic Flow

1. User navigates to the Rooms section.
2. System presents a list of available room categories
3. System displays details of the selected room category:
  - Room images showcasing the interior, view, and amenities.
  - Pricing details per night or for the duration of stay.
4. User go to the booking process if chosen or continues browsing other areas of the website.

### 2.2 Alternative Flows

#### 2.2.1 Technical Error or Unresponsive System

1. User navigates to the hotel and restaurant website to view room information.
2. System encounters technical issues or experiences unresponsiveness due to maintenance or unexpected errors.
3. User attempts to select a specific room category, but the system fails to display the room details
4. System prompts an error message indicating technical difficulties and apologizes for the inconvenience caused.
5. User encounters the following choices:
  - Retry Action: User chooses to reload the page or retry the action to view room information.
  - Contact Support: User report the issue to customer support through our email address.
6. System acknowledges the issue and informs the user that technical specialists are investigating the problem.
7. User can:
  - Choose to wait for the system to resolve the issue and retry later.
  - Decide to leave the website and try again at a later time.

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### 3. Special Requirements

#### 3.1 Usability Requirements

The view room submission interface must be intuitive and user-friendly, ensuring ease of navigation and accessibility for users of varying technical proficiency.

#### 3.2 Performance Requirements

The system should be capable of handling concurrent submissions during peak times without significant performance degradation or timeouts. Additionally, it should maintain responsiveness even under heavy user load to avoid server overload issues.

#### 3.3 Data Integrity and Security

Provide secure login functionality for registered users and implement appropriate authentication mechanisms to prevent unauthorized access

#### 3.4 Compatibility

The view room submission functionality should be compatible across various web browsers (e.g., Chrome, Firefox, Safari) and devices (desktops, tablets, mobile phones) to cater to a wide range of users.

### 4. Preconditions

#### 4.1 Website Accessibility

- The hotel and restaurant website must be accessible and operational.
- User devices (desktop, mobile, tablet) must have an internet connection and a compatible web browser.

#### 4.2 Data Readiness

Room information, including details, images, availability, and pricing, must be up-to-date and available in the system's database or repository.

#### 4.3 Navigation Context

The user must be in the appropriate section of the website related to viewing rooms (Rooms).

#### 4.4 System Stability

The system should not be experiencing critical technical issues or errors that might disrupt the user's ability to view room information.

### 5. Postconditions

#### 5.1 Selected Room Information Displayed

The system displays detailed information about the selected room category or type, including images, descriptions, amenities, and pricing.

#### 5.2 Navigation State

The system maintains the user's navigation state, allowing seamless backtracking to the previous page if needed.

#### 5.3 Session Persistence

User session data is preserved, providing continuity if the user decides to return to the room viewing process later.

#### 5.4 Error Handling

If any errors occurred during the process, the system may display appropriate error messages or guidance

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for the user, indicating how to proceed or report the issue

## **6. Extension Points**

### **6.1 Customizable Room Configurations**

Allow users to customize certain aspects of the room (e.g., bed preferences, additional amenities).