

Non-Functional Requirements

1. Product Requirements:

1.1- User Interface Requirements:

- A simple and responsive system in a short time
- Web app, consistent in all interfacing screens or devices

2. Accessibility:

- The software will be able to perform 24/7.
- Different levels of users will achieve different tasks in the same time as the system guarantees to perform multiple actions per minute.
- System data are automatically saved in the database and backed up daily.

3. Performance:

- **Responsive time:** Search results for room availability should be populated within an acceptable time limits.

The application runs better and faster on stronger internet connection but it loads perfectly even with slow internet connection.

External Requirements

1. System Interface:

- Not everyone will be able to access the system. To keep safe the information the staff and admin will have a username and also an encrypted password.
- The admin will be the only one who will access all systems and subsystems.
- Receptionist will have access on the Reservation data of all customers.

2. Security:

- The information which is personal is going to be protected.
- Ensure that applications and centers survive attack.
- Make possible that customers and users be recognized.

3. Domain Requirements:

Only admin can create, update and delete employees. The user interface will be standard for all types of users System should take into account the exact time of check-out of the leaving guest and check-in of the new guest in order to avoid collisions between bookings.

4. Portability

Web application can be accessed in any platform and browser as far as they have internet connection, while the mobile application is accessible only to android users.