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Hotel Management System: REQUIREMENTS SPECIFICATION

**VERSION 1.0**

1. **Executive summary**
   1. Project overview : Our project is a system that manages a hotel. It has many functionalities varying from the levels of security. Users can be: Clients, Managers, Administrators, Workers.
   2. Purpose and scope of this specification: The purpose of this project is to incorporate it into a Hotel which is in need of a web-presence. We aim to make the overall process of booking a room at a hotel and staying there, way more enjoyable, less stressful and easier.
2. **Product/Service description**
   1. Product context: Product will be deployed in the tourism industry, so therefore the main context of the product should be will tourism in mind. We should also keep in mind the hotel for which we are doing this product for, so we can better curate its functionalities.
   2. User Characteristics: Users will be of all kinds. We want to make sure this process is as easy as possible for users *(This is our main concern),* users will be of all backgrounds so we have a pretty broad scope of people using our product, therefore we think we should not focus on personal background but in overall easability and reachability for all our users.
   3. Assumptions: Our assumptions for this project are that the Hotel is near a beach. This directly corresponds to some of the functions we are looking to deploy, such as finding beach events nearby and finding available beach umbrellas. As for our users as we previously said, we do not wish to make any assumptions regarding their age, gender or background since we think this is a service everyone looks for.
   4. Constraints: Some constraints would be finding median wealth around the location of the hotel, which corresponds directly to the price of rooms etc.
   5. Dependencies: Main dependencies would be geolocation, weather and as mentioned, median wealth. These should all be taken into account when creating the perfect system and also business plan.