**Hotel Booking App**

**Analysis:**

Hotel reservation system is an important part in the life of a modern hotel, because it ensures proper work of the hotel, making it efficient and provides the option to book a room online. This system removes most of the paperwork making it an obligatory asset to have for every modern hotel. Analyzes and improves the current reservation system.

**Objective:**

Following are the objectives of the hotel booking app:

* To provide a platform to manage on-desk and online bookings.
* To display organized information of hotel, prices and pictures.
* To add multiple hotels/rooms to the system.
* To change prices of hotel rooms when needed.
* View of availability of rooms in real time.
* Store customer information which can be accessed anytime.
* A user-friendly interface for customers for the easy booking process.

**Functional Requirements:**

**Common:**

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| **Req. Id** | **Description** |
| FR 1 | The application should perform user sign-up and Sign-In. |
| FR 1.1 | Existing users should be able to enter their user credentials and log in to the application. |
| FR 1.2 | New users should be enrolled to the application by obtaining their credentials. |

**Admin:**

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| **Req. Id** | **Description** |
| FR 2 | The application should facilitate read/write, update and delete users and merchants. |
| FR 2.1 | The Admin have the option to bulk upload user and merchant accounts. |
| FR 2.2 | The Admin can have the option to block, edit/delete user and merchant accounts. |
| FR 3 | The Admin should have a dashboard for offers. |
| FR 3.1 | The Admin can have the option to acquire and send offer citations from/to the merchants. |
| FR 3.2 | The Admin can the option to acknowledge or dismiss the offer proposition from merchant. |
| FR 3.3 | The Admin can have the option to make new offers barring merchant interest. |
| FR 3.4 | Every one of the offers can be configurable for a target group and time frame. |
| FR 4 | The admin dashboard should display consolidated user, merchant, and booking details. |

**Merchant:**

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| **Req. Id** | **Description** |
| FR 5 | The merchant should be able to create/edit his profile |
| FR 5.1 | The merchant can have the option to alter his/her profile details like contact details. |
| FR 5.2 | The merchant can have the option to add, edit and delete establishments. |
| FR 6 | The merchant should have a dashboard for offers. |
| FR 6.1 | The merchant should have the option to propose offers to the admin. |
| FR 7 | The merchant can have a dashboard for bookings. |
| FR 7.1 | A dashboard showing past and upcoming appointments can be accessible. |
| FR 8 | Merchants can complain to admin |

**User:**

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| **Req. Id** | **Description** |
| FR 8 | The user dashboard should have past and upcoming bookings. |
| FR 8.1 | The user should have the option to review about the experience. |
| FR 9 | The application should provide the facility for users to search for hotels/home stay. |
| FR 9.1 | User can search for hotels based on the location, price and select the date of booking hotels. |
| FR 9.2 | Display the page with hotels name and price. |
| FR 9.3 | The list should be applicable for filtering based on hotel name and price. |
| FR 9.4 | The sorting feature should also be available for all the displayed details of hotels. |
| FR 9.5 | Booking page should ask for the user details to book the hotels. |
| FR 10 | Users can complaints based on the issues they have experienced. |