Group Project
Proposal

Group #14

List of Members:

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Project Title:

Hotel Reservation Website

Functional Requirements:

- Record reservation
- Record customer details(first and last name, phone number, email address)
- Associate booking with an account
- Generate unique confirmation number
- Record room number
- Cancel bookings
- Change and modify reservations and rooms
- Display and change records of guests
- Limit every account to a single user
- Accept date and time to check availability of that particular date and time
- Send out booking confirmation to the specified contact detail
- Allow users to search and find the most relevant booking options
- Calculate and display the accommodation charges and other utilities
- Record available and booked hotels
- Allow users to filter hotels when searching

Non-Functional Requirement:

- Performance: The website should have a fast response time when the user interacts with the GUI and components within the website
- Availability: The website should be available 24/7 to users so they can book hotel rooms whenever they want
- Security: The website should be secure and prevent other users from accessing other users information and account
- Compatibility: The website should be compatible with multiple browsers such as Google Chrome, Firefox, Internet Edge and etc. It should also be compatible with other operating systems such as macOS and Windows
- Maintainability: The system should easily adapt to changes or any modifications made to the website and also how it performs after fixing errors
- Usability: The website/GUI should be user friendly so users can navigate throughout the website with ease and have access to different components within the website in a minimum number of clicks
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