Team members

We, as a team, are setting up our environment to start our group project with the following development members:

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The website will serve as a platform for users to browse, book, and review hotels. It will also provide features for hotel owners to distribute their hotel information.

List of Requirements User Registration:

Users should be able to register and create an account. User Authentication: Users should be able to securely log in to their account. Hotel Catalog: The website should display a catalog of hotels available for booking. Booking Cart: Users should be able to add hotel rooms to a booking cart. Checkout Process: Users should be able to book rooms through a secure checkout process. User Reviews and Ratings: Users should be able to rate and review booked hotels. Hotel Owner Portal: Hotel owners should be able to submit hotel information for distribution and view booking reports.

UI Plan

The user interface should be clean and intuitive. It should include the following pages:

Home Page: Displays featured hotels and latest deals. Hotel Page: Displays detailed information about a hotel, including user reviews and ratings. Cart Page: Displays the user’s booking cart and the checkout process. User Account Page: Allows users to manage their account information and view their booked hotels. Hotel Owner Portal Page: Allows hotel owners to submit hotel information and view booking reports.

System Goals

The goal of the system is to provide a platform where users can easily browse, book, and review hotels, and where hotel owners can distribute their hotel information.

Constraints Design Constraints impose limitations on the following things:

The running environment : Microsoft Visual Studio Code. The operating system : Microsoft Windows 10. The programming language, databases, coding standards, business logic, etc. The programming language, HTML, CSS, PHP.

Reports

• Report Module: The login issues should include details such as username, email, hotel name, and time of departure.

• Hotel Details: Users can view detailed information about each hotel, including the type of hotel, location, owner, etc.

• Check Availability: Users can check whether the hotels they are interested in are available. This could include checking whether the hotel has rooms available or is compatible with the user’s requirements.

• Register for Hotel: Users can select the hotels they are interested in and register for them. The registration function will add user information and the selected hotel to the database.

• Exit: Users can exit the website after they have completed their activities. The exit function allows users to log out based on information from the database.

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| Requirement number | Requirement title | Requirement descriptions |
| N01 | Search | Users can search for hotels in the database by entering keywords. The search function retrieves information from the database based on the data inputted by the user. |
| N02 | Login | Users can log into the site using their username and password. The login function allows users to log in based on information from the database |
| N03 | Logout | Users can log out of the site after they are done with their activities. The logout function allows users to log out based on information from the database. |
| N04 | Sign up | New users can create an account on the site. The sign-up function adds user information to the database. |
| N05 | Contact | the user can contact us |