

**<<House Booking>>**

**Software Requirement Specification**

– Hochiminh, September 2022 –

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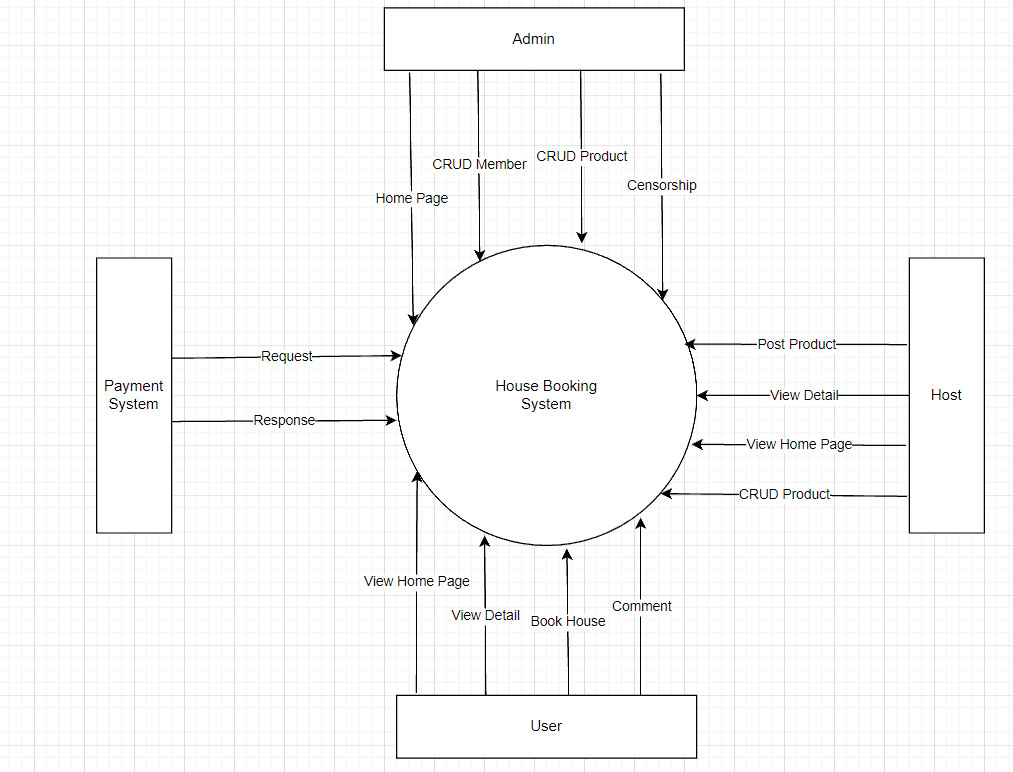
# I. Overview

## 1. Introduction

The reservation system is a new system that replaces the manual processes for booking and selecting accommodation at a tourist destination. The system is divided into specific roles to help users access and use easily and conveniently.

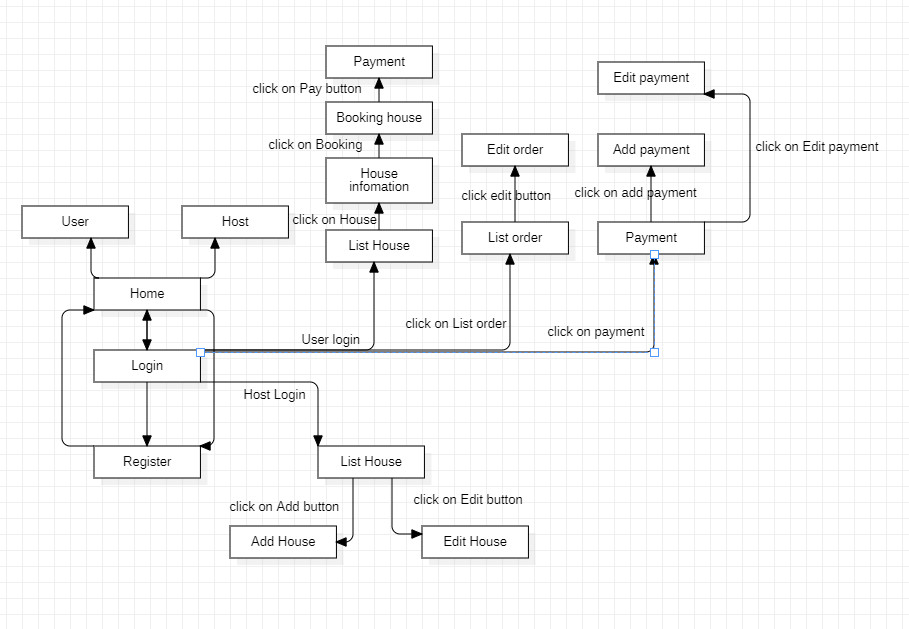
* The system is expected to be developed by version. Finally, the finished product is released.
* The system gives users the convenience of searching and booking accommodation at different tourist destinations, helping customers save time.
* Divided into specific options, easy to see and clear, making it easy for customers to use.

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## 2. System Functions

#### a. Screen Flow



#### b. Screen Details

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Feature** | **Screen** | **Description** |
| 1 | Display all lists of the app | Homepage | Users can view post information without logging into the system |
| 2 | Login By Gmail | Login | The login URL is generated for authentication and Google Sign-in button is shown to the user |
| 3 | Display the general user’s information | User (View All Details) | Allow User to view generate the information and the screen to navigate |
| 4 | Display the general host’s information | Host (View All Details) | Allow host to view generate the information and the screen to navigate |
| 5 | Display the general admin’s information | Admin (View All Details) | Allow admin to view generate the information and the screen to navigate |
| 6 | Display the package’s booking form for users to books | Book Packages | Allow user to fill information in the form and make payment |
| 7 | Display the package’s creation form for host and admin to create a services | Create Packages | Allow host and admin to fill information in the form to create and edit services |
| 8 | Display the form for user, host and admin to make a review | Review | Allow user, host and admin to fill information in the form to make a review |
| 9 | Display the form for admin to view all the packages and able to be edit | Manage Packages | Allow admin to publish or unpublish a package and a form for reason not to publish for host to understand. |
| 10 | Display the form for admin to edit reviews | Edit Review | Allow admin to publish or unpublish reviews and also delete them. |
| 11 | Display the form for admin to manage accounts | Manage Accounts | Allow admin to delete accounts |
| 12 | Display the form that has all details of the page | View All Details | Allow user, host, admin to view all the details of the page |

#### c. User Authorization

|  |  |  |  |
| --- | --- | --- | --- |
| **Screen** | **User** | **Host** | **Admin** |
| Homepage | x | x | x |
| Login | x | x | x |
| Booking | X |  |  |
| Create Packages |  | x | x |
| Review | x | x | x |
| Manage Packages |  |  | x |
| Manage Review |  |  | x |
| Manage Accounts |  |  | x |
| View Details | x | x | x |

In which:

* Role1: User
* Role2: Admin
* Role3: Host

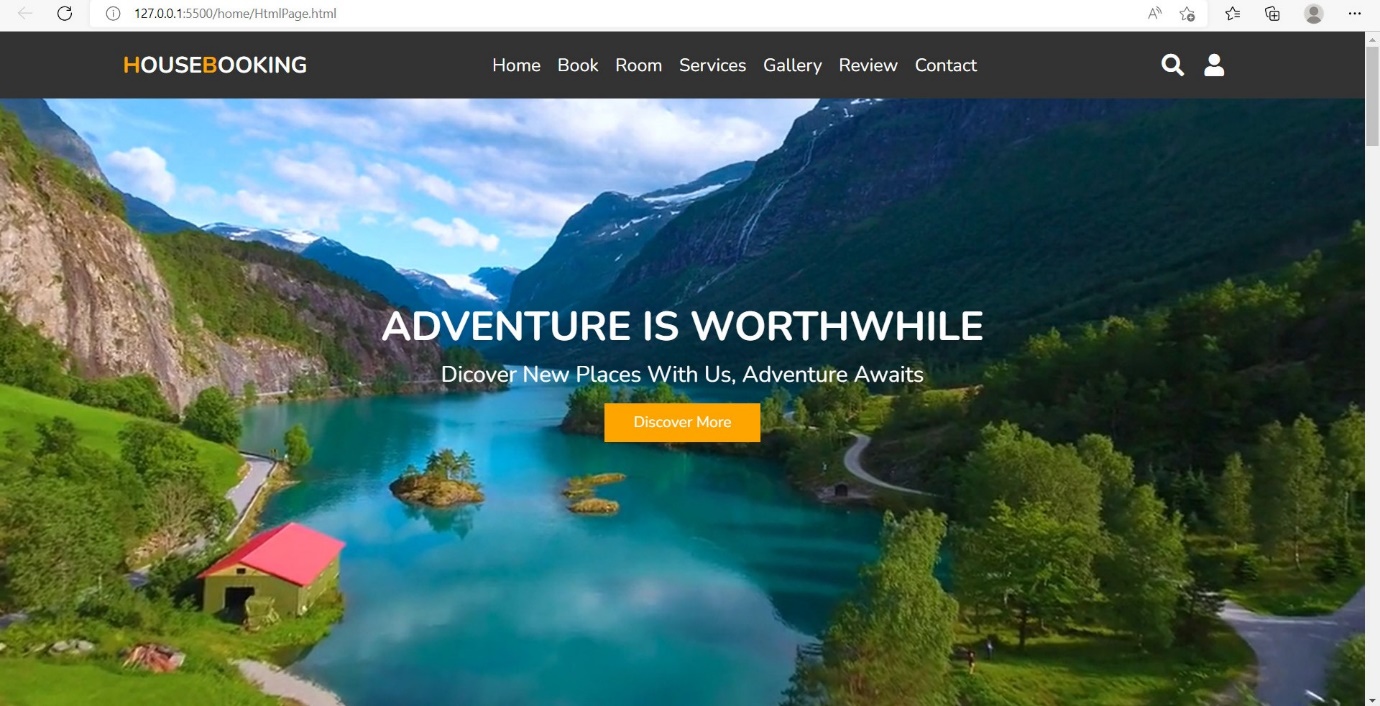
#### d. Non-Screen Functions

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Feature** | **System Function** | **Description** |
| 1 | Constraint check | Trigger | Check constraints on many relationships and lines of code on many other table product lines. |
| 2 | Store application logic | Stored procedure | Allows storing application logic on the database |

# II. Functional Requirements

## 1. Homepage

The homepage can give users an overview of the website. It introduces customers to some of the places where the service is provided and the website's criteria

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### 2. Booking

Booking are created for the purpose of knowing the customer's information when making a reservation. It will send information such as where you want to go, number of people, check-in and check-out dates so that it can be notified to the room owner.



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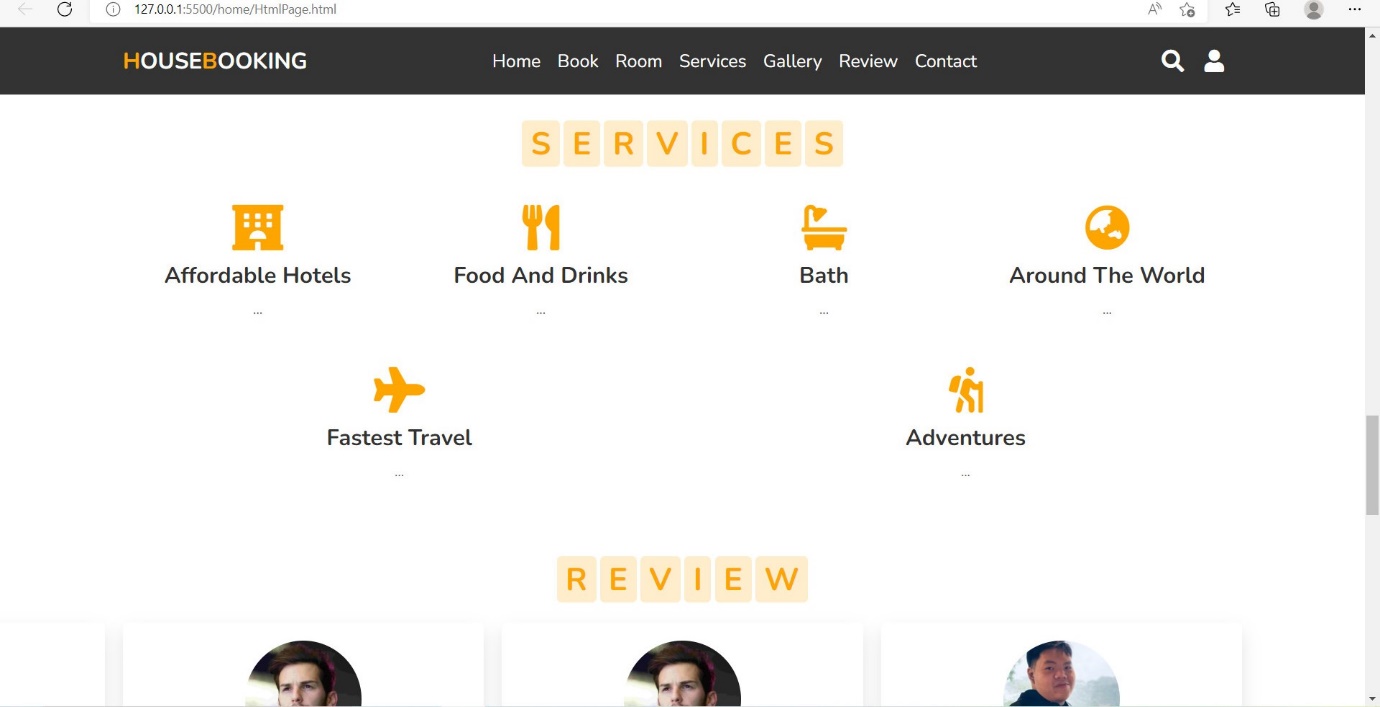
3. Room

Room is a page for users to see the room where they want to go to be able to book. Through images, quality reviews and recommendations, users can easily choose a suitable place for themselves.

## C:\Users\Admin\Downloads\z3723641022121_09bb4d0ce0018ba15a7cda38f97ea2b8.jpg

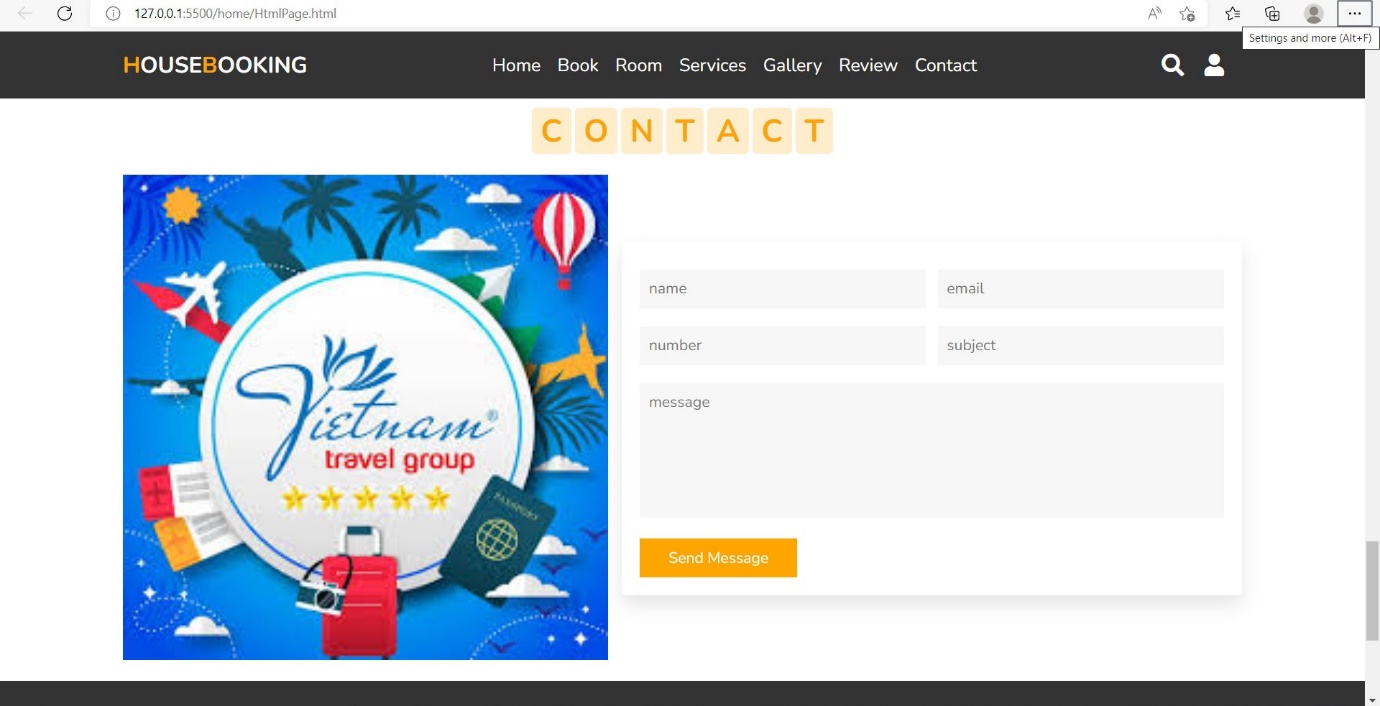
### 4. Service

User click the button "Services" and the service page list all the packages in detail.



### 5. Contact

User click the button "Contact" and the contact page appear for user to input personal information then finally summit the message to the host.

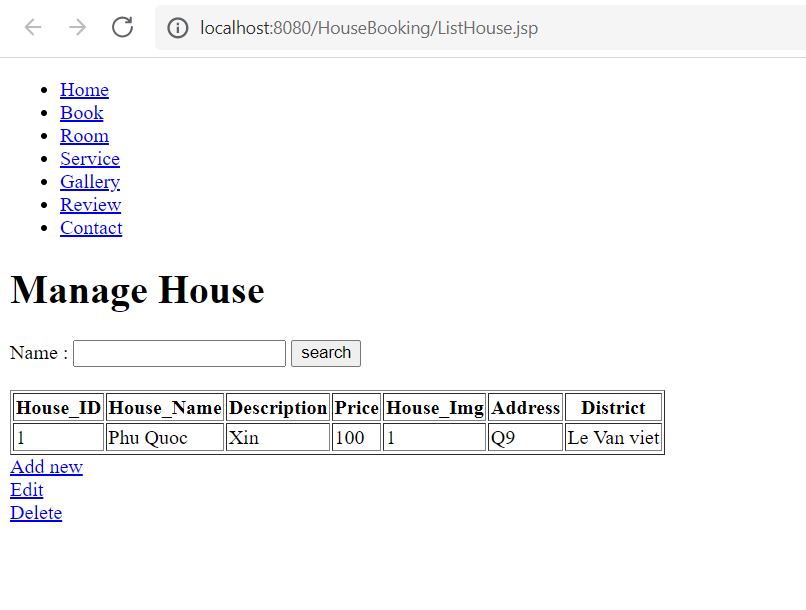


### 6. Manage House

Admin function activates when selecting and wanting CRUD housing.

First prototype of housing management page. Users have an overview of housing CRUD. Includes functions such as: create, read, update, delete.

It is expected to develop in many versions and complete.



### 7. Manage Account

The function for Admin activates when selecting and wanting to CRUD the user.

Similar to housing management. This is the first prototype of the user management page. User has an overview of housing CRUD. Includes functions such as: create, read, update, delete. Functions will be added in the next development such as user classification, adding user information.

It is expected to develop into many versions and complete.

