

الجامعة الإسلامية العالمية ماليزيا  
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA  
يُونُسُ بْنُ سَيِّدِي إِسْمَاعِيلَ، أَنبَاءُ الرَّحْمَنِ عَلَيْهِ السَّلَامُ

*Garden of Knowledge and Virtue*

**KULLIYAH OF INFORMATION & COMMUNICATION  
TECHNOLOGY**

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**INFO 3305 WEB APPLICATION DEVELOPMENT**

**SECTION 02**

**GROUP PROJECT PROPOSAL**

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## **PROJECT TITLE : HOUSE RENTAL SYSTEM**

### **INTRODUCTION OF THE WEB APPLICATION**

Our project 'House rental System For Admin' is a web based project using Laravel Framework. The main aim of the project is to develop a house rental web application specifically for the admin. The system will allow the use/admin to see, manage and edit all the rooms, users and other categories easily from one place. We also aim to add the ability for users(non-admins) to access their account and manage it. The system provides an all in ability to keep and manage all the detailed records and information about their rental properties and users.

### **OBJECTIVE OF THE WEB APPLICATION (Muhammed Zaheem)**

The objective of our web application is to create a simple to use, web application system where you can log in, start adding tenants and properties, manage, store and access everything at one place and keep them accessible for you at anytime from any computer or device

### **FEATURES AND FUNCTIONALITIES OF THE WEB APPLICATION (Md Abdur Rahman)**

#### **View: (for users)**

The admin will look at all the available rental homes for rent here. The system will pull all the rental houses from the database and show admin in a user-friendly manner, with the rental house and its info. Admin will register for customers.

#### **Login/Signup: (for Admin)**

The system requires users (Admin) to sign up using their full name, username, and password. Members (Admin) must use their username and password to log into the system.

#### **Main page (Dashboard)**

After that they can see the dashboard and from the dashboard Admin can booking, categories, roles, and rooms. Each of these can be created, edited, deleted by admin. After all tasks are done, they can simply log out from the dashboard.

#### **Error check**

Check for error and show error messages once an error accrued in the system.

#### **Layout**

- app (main content) - our main target is to make a user friendly application for the user. All main contents will be added here as required.
- Authentication - Authentication for login and sign up.
- Main page - we will have a main page that will be called dashboard.
- Database - all data like booking details, customer details, user id and password will be stored into the database.

## **THE VIEWS, CONTROLLERS, ROUTES & MODELS:**

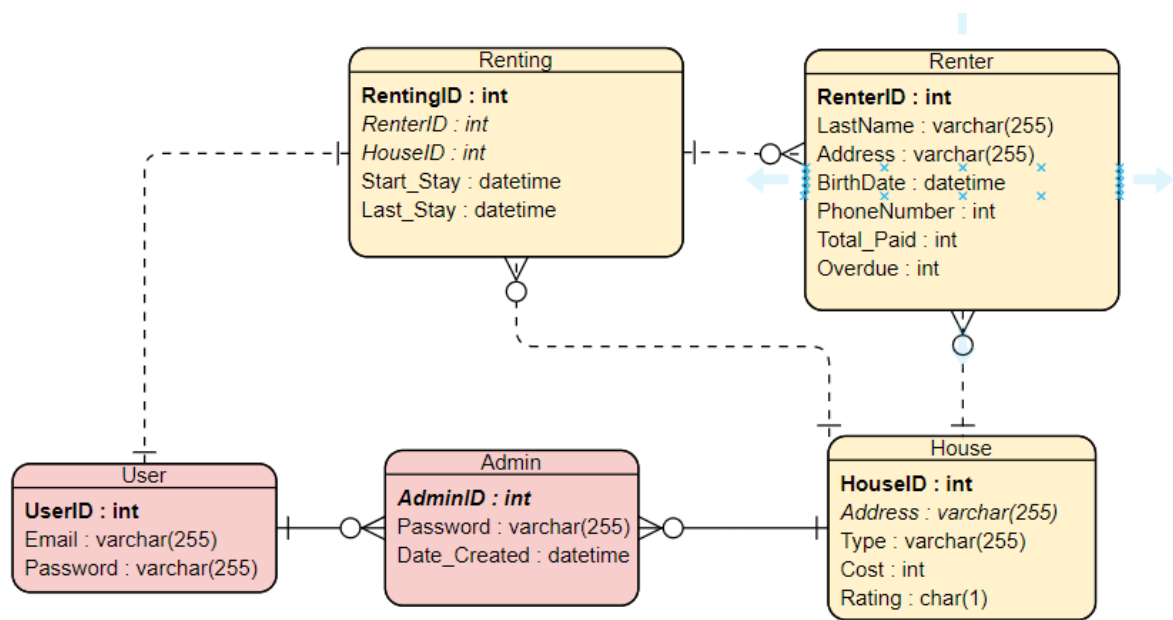
Views = There are going to be an interface of the page and consist of administration views which has of renting, renter, finding the house, rooms, users, and the house. Then, there is the authentication of the user where they can create, change password, login or reset. And there are also the error page and the home page where the user will be welcome by the home page before they can login or rent.

Controllers = This is where the functions will be placed such as the controller that we are going to use for rental functions, user functions such as log in, modify login. Finding the unrented house function, error function if there are errors, house function where the admin can create , delete , modify the house.

Routes = The routes will have routes to the controller such as the web route where it contains the routes to the authentication, to edit the login, to create the rental, to find the house data and modify the rental.

Models = The models will have the database of the user that signed up, database of the house and the database of the payment, database of the rent, database of the administration and database of the renter.

## **ERD DIAGRAM :**



## Reference

<https://speedhome.com/>

<https://www.propertyguru.com.my/>

<https://www.theedgemarkets.com/article/digital-platform-purely-digital-rental-platform-increasingly-digital-world>