



**Daffodil**  
*International*  
**University**

**A**  
**PROJECT REPORT**  
**ON**

“[House rental management system]”

**Submitted in partial fulfillment for**  
**the Course of**  
**Database Management System Laboratory**

Submitted by:

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# CHAPTER 1

## INTRODUCTION

### 1.1 PROJECT AIMS AND OBJECTIVES

The main objective of the system is to develop online home rental management system for wolkite city

#### 2. Specific objectives

In order to attain the general objective, the following are the list of specific objectives:

逸

To facilitate home record keeping for who wants home and for administrative management system.

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### 1.2 BACKGROUND OF THE PROJECT

From the four need of human being as its need people who have no home may live through paying rent for other people who have more houses. But here what we have to understand is that the relation between the person who rented house and the renter. There are different renters who have different behavior that show different characteristics on rented people. Some renters may have a positive relationship others may not. Here those renters who have bad behavior may show unpleasant or bad behavior on rented people. But here what we have thought is that how those rented people for renter that have bad behavior we live together.

### 1.3 SCOPE OF THE PROJECT

Error may occur if the transaction cancels or if the server is down.

●

Lack of adequate time in order to get the additional secondary data.



Lack of resources like Hardware and Software



Lack of reference materials



Lack of proficiency person in the product

## **CHAPTER 2**

### **SYSTEM ANALYSIS**

#### **2.1 SOFTWARE REQUIREMENT SPECIFICATION**

Operating System – Windows.

Runtime Environment – Net Framework 4.5

Front End – PHP,Html,CSS

Back End – MySQL, javaScript

#### **2.2 EXISTING VS PROPOSED**

EXISTING SYSTEM

Currently the most property managers manage property and tenants details on papers. Once customers

Finds a vacant house, they can call or email manager of the houses indicating the size of the house they would Like rented to them. The property manager can email them back giving them all the details about the house they Are requesting. The details include; Rent per month Deposit paid Terms and conditions to follow acceptance.

With the current system recording the details of various activities of user is completely manual and entails a lot

Of paper work The existing system only provides text based interface which is not as user friendly as Graphical

User interface. Since the system is implemented manually, the response is very slow.

Proposed

User initially want to sign up and create the account and user logs in the system automatically will show number

Of rented house in particular places. In this information like owner name ,house rent, address, and mobile

Number will the user to avoid the house broker, rent payment form, registration form. Each form has several

Command buttons like new, search, cancel, Back and exit. With the command buttons you can manipulate the database

## **2.3 SOFTWARE TOOL USED**

Xampp

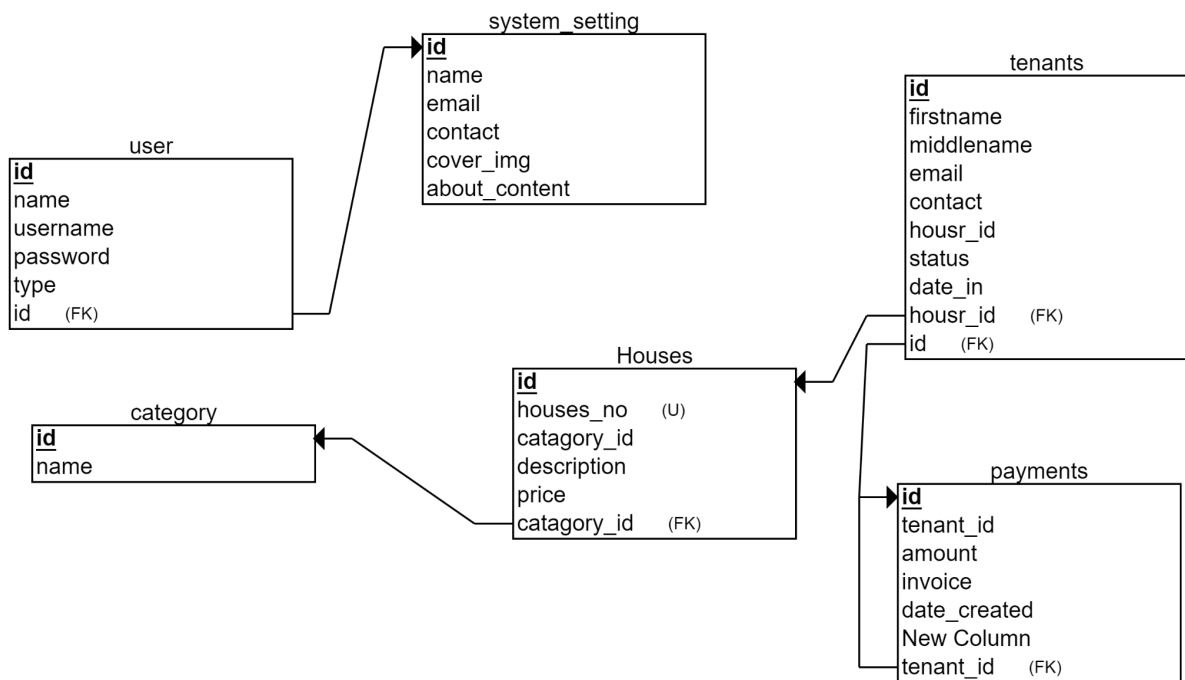
visual code code

mysql

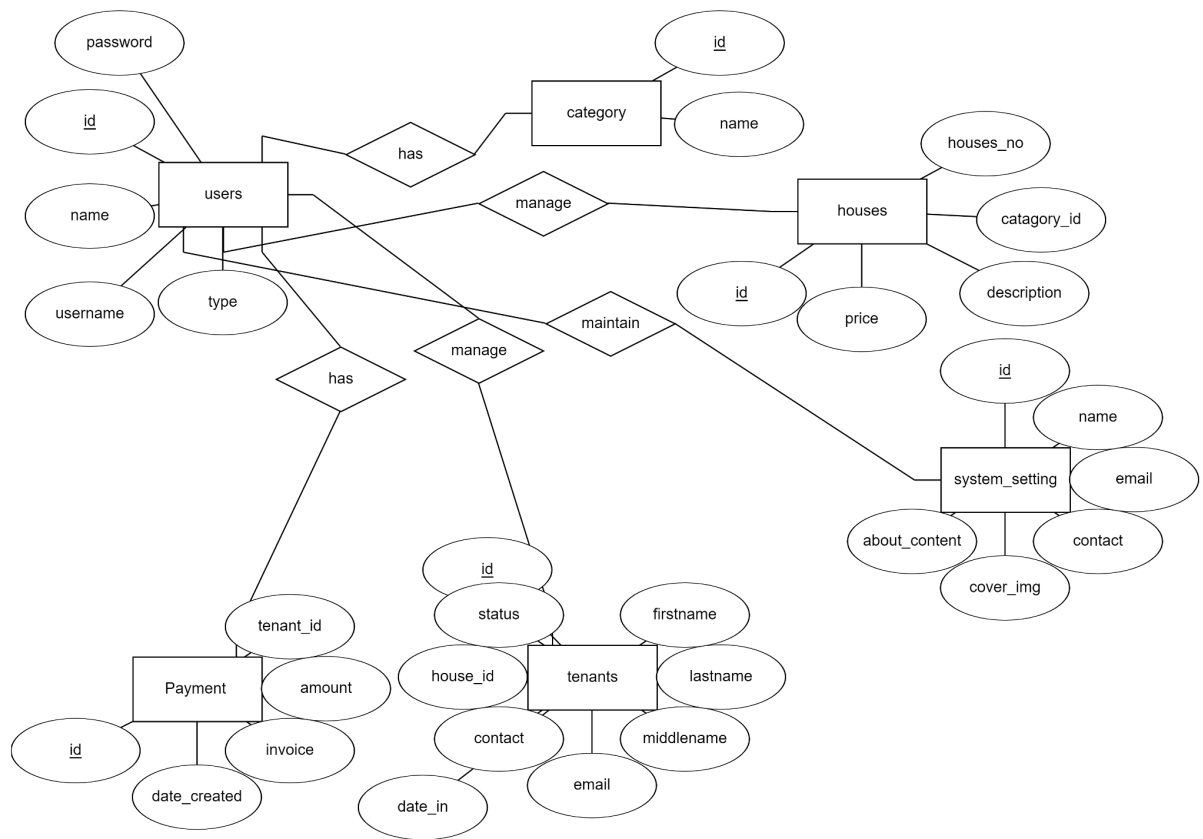
# **CHAPTER 3**

## **SYSTEM DESIGN**

### 3.1 TABLE DESIGN



### 3.2 E-R DIAGRAM OF THE SYSTEM



# **CHAPTER 4**

## **SYSTEM IMPLEMENTATION**

### **4.1 MODULE DESCRIPTION**

#### **ADMIN MODULE**

This Admin module contain the complete details about customer and view the customer complaints. There are some modules like login, user view, add/view rooms, send message to customer, view complaint from

customer. Login is use to create a login and sign in to the login. User view contain the user details. The admin

can add and view the rooms. If the admin want to contact customer they can send a message. Any complaint by

customer that can be view by the admin. The sub modules are:

1. LOGIN
2. USER VIEW
3. ADD/VIEW ROOMS
4. VIEW COMPLAINT FROM CUSTOMER

#### **USER MODULE**

User Modules contain the every user details who register as the user. The people who want to buy the home for rent they want to register as a user and login. The user can check the room details and availability of

the room which is nearby them. They can also check the booking status.

1. REGISTER
2. LOGIN
3. VIEW ROOM STATUS

#### **ROOM MODULE**

The Room module contain the availability of the room and the user can book the room.

A system through which customers can book available Rooms online prior to their date of using the house

instead of walking around and asking for a vacant house. The details about the rooms can view in this module.

#### **SEND MESSAGE TO CUSTOMER MODULE**

If the owner want to contact with the customer they can send message. They can chat with it.

There comfort ability They can discuss about the room or rent details, etc.

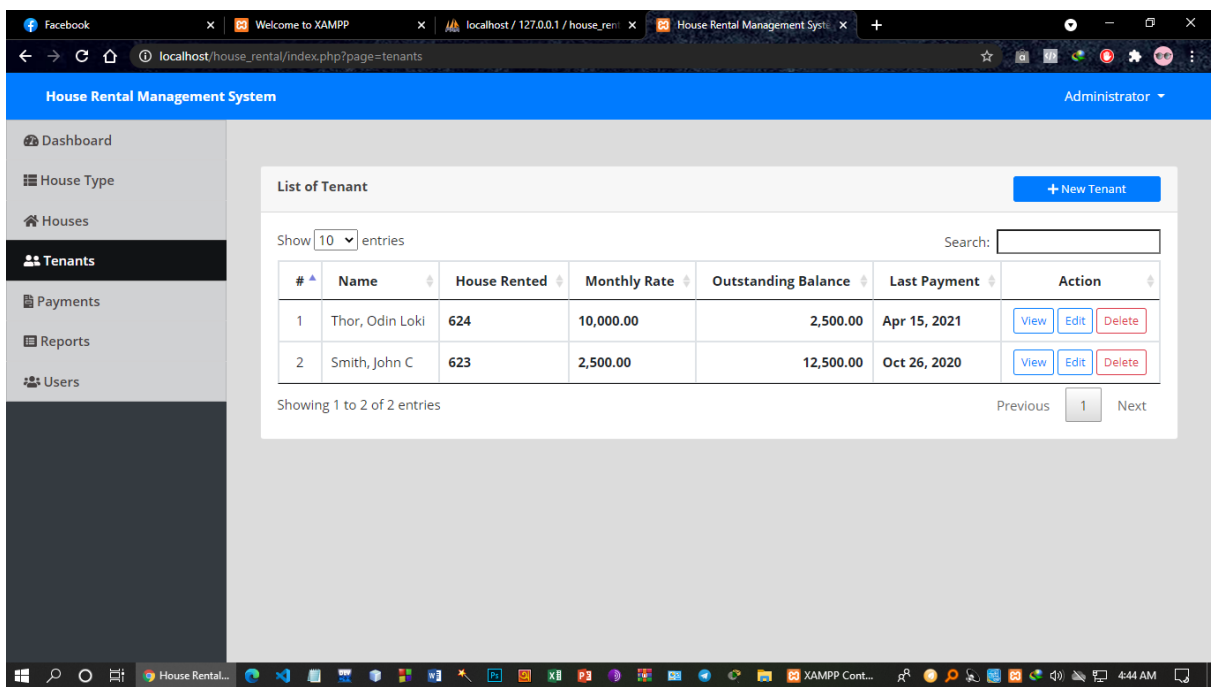
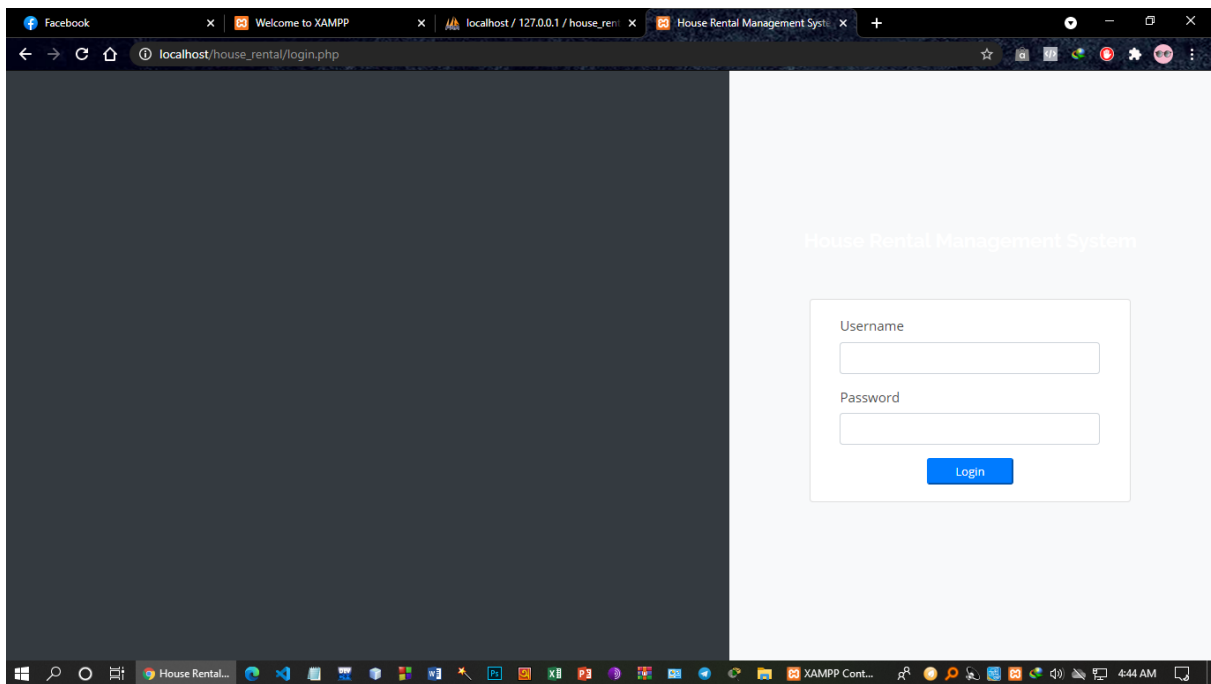
#### **VIEW COMPLAINTS FROM CUSTOMER MODULE**

The system indicates that being taken seriously in the complaint encounter together with the employee's competence, friendliness and active listening skills are particularly important for customer complainants. Customer are more important factors in the system. Every customer feedback is important for the

owner.

### **4.2 SCREEN SHOTS**





Facebook

Welcome to XAMPP

localhost / 127.0.0.1 / house\_rental

House Rental Management System

localhost/house\_rental/index.php?page=houses

House Rental Management System

Administrator

Dashboard

House Type

Houses

Tenants

Payments

Reports

Users

House Form

House No

Category

2-story house

Description

Price

Save

Cancel

House List

Show 10 entries

Search:

#	House	Action
1	House #: 623 House Type: 2-story house Description: Sample Price: 2,500.00	<a>Edit</a> <a>Delete</a>
2	House #: 624 House Type: Single Detached Description: Block 4, Lot 2 Price: 10,000.00	<a>Edit</a> <a>Delete</a>

Showing 1 to 2 of 2 entries

Previous 1 Next

Facebook

Welcome to XAMPP

localhost / 127.0.0.1 / house\_rental

House Rental Management System

localhost/house\_rental/index.php?page=reports

House Rental Management System

Administrator

Dashboard

House Type

Houses

Tenants

Payments

Reports

Users

Monthly Payments Report

View Report

Rental Balances Report

View Report

House Rental Management System Administrator

Dashboard House Type Houses Tenants **Payments** Reports Users

### List of Payments

+ New Entry

Show 10 entries Search:

#	Date	Tenant	Invoice	Amount	Action
1	Apr 15, 2021	Thor, Odin Loki	123458	2,500.00	<a href="#">Edit</a> <a href="#">Delete</a>
2	Apr 15, 2021	Thor, Odin Loki	123457	25,000.00	<a href="#">Edit</a> <a href="#">Delete</a>
3	Oct 26, 2020	Smith, John C	123456	2,500.00	<a href="#">Edit</a> <a href="#">Delete</a>
4	Oct 26, 2020	Smith, John C	136654	7,500.00	<a href="#">Edit</a> <a href="#">Delete</a>

Showing 1 to 4 of 4 entries Previous 1 Next

House Rental Management System Administrator

+ New user

Dashboard House Type Houses Tenants Payments Reports **Users**

Show 10 entries Search:

#	Name	Username	Type	Action
1	Administrator	admin	Admin	<a href="#">Action</a>

Showing 1 to 1 of 1 entries Previous 1 Next

House Rental Management System Administrator

Welcome back Administrator!

2  
Total Houses  
[View List >](#)

2  
Total Tenants  
[View List >](#)

27,500.00  
Payments This Month  
[View Payments >](#)

Dashboard

- House Type
- Houses
- Tenants
- Payments
- Reports
- Users

House Rental Management System Administrator

Category Form

Name

[Save](#) [Cancel](#)

Category List

Show 10 entries Search:

#	Category	Action
1	Duplex	<a href="#">Edit</a> <a href="#">Delete</a>
2	Single-Family Home	<a href="#">Edit</a> <a href="#">Delete</a>
3	Multi-Family Home	<a href="#">Edit</a> <a href="#">Delete</a>
4	2-story house	<a href="#">Edit</a> <a href="#">Delete</a>
5	Single Detached	<a href="#">Edit</a> <a href="#">Delete</a>

Showing 1 to 5 of 5 entries Previous 1 Next

Dashboard

- House Type
- Houses
- Tenants
- Payments
- Reports
- Users

# CHAPTER 5

## SYSTEM TESTING

### **Unit Testing :**

Unit testing is the testing of an individual unit or group of related units. It falls under the class of white box testing. It is often done by the Programmer to test that the unit. He/she has implemented is producing expected output against given input.

**Integration Testing :** Integration testing is testing in which a group of components are combined to produce output. Also the interaction between software and hardware components have any relation. It may fall under both white box testing and black box testing.

# CHAPTER 6

## CONCLUSION AND FUTURE SCOPE

Rental Project will be an important tool for creating rental housing stability by helping tenants speak with greater credibility through initiating and documenting communications and building productive relationships with sellers. Home Rental project provides buyers of specific housing associations and social sellers International Journal of Pure and Applied Mathematics Special Issue 1681 with a simple way to report and arrange repairs to properties. Finally, the goal of the project is to create a better relationship between tenants and a sellers which can be achieved through this project.

### SCOPE FOR FUTURE ENHANCEMENT

In future our project is meant to satisfy the needs of rental house owners. Several user friendly interfaces have also been adopted. This package shall prove to be a powerful in satisfying all the requirements of the users. It is with utmost faith that I present this software to you hoping that it will solve your problems and encourage you to continue appreciating technology because it is meant to change and ease all our work that seems to be very difficult. I don't mean that my project is the best or that I have used the best technology available it just a simple and a humble venture that is easy to understand. In extent we can add GPS system in build and can give live chat online option to users. This project can also be extended to IOS Platform and several state database

## **CHAPTER 7**

### **REFERENCES**

<https://projectworlds.in/free-projects/php-projects/house-rental-and-property-listing-project-php-mysql/>

<https://code-projects.org/house-rental-management-system-in-php-with-source-code/>