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Rental House Management System

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Project Proposal

Assignment # 1

Introduction

The Rental House Management System will maintain information related to houses and location that the customers will rent for themself. It will store information in the MySQL database. For user interface, Java with SWING will be used. The details of the project are given below:

List of Objects

The project mainly consists of following entities.

1. The owner

2. The customers

3. The Houses

4. The Locations

5. The date

6. The paying method

7. The feedback

8. The Advertisements

9. The Massage system

10. The offering system

Detailed functions

1. The owner

Function Name	Description
Add the houses	Add a new houses to database
Delete houses	Delete an existing house from database using the owner ID
Update houses	Update an existing house from database using the owner ID
View rental houses list	Displays all rental houses available
Update price	Updating the rental house's price
Add information	Describe the house for the customers to preview
İncome section	Display The owner's earns form rental houses
Search by Name	Search houses by name
Search by ID	Search houses by ID
Search by location	Search houses by its location
View customers by list	Show all customers's list
Login	Log into the system
Logout	Log out of the system

2. The customers

Function Name	Description
Choose rental house	the customers can choose their the rental house
Delete rental house	Delete an existing house
Update rental house	Update information of an existing house
Update personal infomation	Update information of an existing person
Update payment infomation	Update information of an existing payment
Search by house	Search houses by name
Search by ID	Search houses by ID
Search by location	Search houses by location
Login	Log into the system
logout	Log out of the system

3. The Houses

Function Name	Description
Rent the house	The customer can click on renting button
Display house location	Display house location infomation
Display house price	Display house price infomation
View house photos	View all house photos
Show general information	Display the house information (size, general looking ,ect)
Comments	Display the old customers's comments

4. The Locations

Function Name	Description
Add the address	To add the house address
Update address	To update the house address
Delete address	Delete the house address
Upload map link	Upload map link of the house

5. The date

Function Name	Description
Add the rental period	Add the rental period by owner or customers
Update the rental period	Update the rental period by owner or customers
Delete the rental period	Delete the rental period by owner or customers
View the rental period	View the rental period by owner or customers

6. **The paying method**

Function Name	Description
Choose	Choose the paying method
Update	Update the paying method
View	List the paying method
Add information	Add customer's information
Update information	Update customer's information
Cancel information	Cancel customer's information
View information	List the customer's information

7. **The feedback**

Function Name	Description
Add	Add new feedback
Update	Update an existing feedback
Delete	Delete a feedback
View	View all feedback

8. **The Advertisements**

Add	Add new Advertisements
Update	Edit existing Advertisements
Delete	Delete Advertisements
View	List all Advertisements

9. **The Massage sending method**

send	Sending massage by customer or owner
view	View the massage by customer or owner
Delete	Delete the massage by the person who send it
View	List all massages

10. **The offering system**

send	Sending an offer to the owner through massage by customer
accept	Accepting the offer by owner
Rejecting	Rejecting the offer by the owner