Istanbul Sabahattin Zaim University

Department of Software Engineering

Real Estate System

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Project proposal

Assignment 1

Introduction

The real estate system will be used for buying, renting or selling real estate. Information will be stored in MS SQL Server 2019. Microsoft Forms will be used for user interface. Details of the Project are given below.

List Of Objects

1. Employee

2. Customer

3. Property for Sale

4. Property for Rent

5. Property Type

6. Order

7. Sales

Details of Functions

1. Employee

Function Name	Description
Add Employee	Adds new employee to the database
Update Employee	Updates an employee in the database
Delete Employee	Deletes an existing employee from the database
Search by Name	Searches employees by name
Search by Email	Searches employees by email
Search by Phone Number	Searches employees by phone number
View Employees	Shows all employees
Login	Logs in to the system
Logout	Logs sout from the system

2. Customer

Function Name	Description
Add Customer	Adds new customer to the database
Update Customer	Updates an customer in the database
Delete Customer	Deletes an existing customer from the database
Search Customer by Name	Searches customers by name
Search Customer by Email	Searches customers by email
Search Customer by Phone Number	Searches customers by phone number
View Customers	Shows all customers
Login	Logs in to the system
Logout	Logs out from the system

3. Property for Sale

Function Name	Description
Add Property	Adds a new property to the database
Update Property	Updates an existing property in the database
Delete Property	Deletes a property from the database
Set Purchase Type	Sets the property type and determines whether its for sale or for rent
Search by Location	Searches a property by location
Search by Type	Searches a property by type
View Properties	Views all properties

4. Property for Rent

Function Name	Description
Add Property	Adds a new property to the database
Update Property	Updates an existing property in the database
Delete Property	Deletes a property from the database
Set Purchase Type	Sets the property type and determines whether its for sale or for rent
Search by Location	Searches a property by location
Search by Type	Searches a property by type
View Properties	Views all properties

5. Property Type

Function Name	Description
Add Property Type	Adds a new property type to the database
Update Property Type	Updates an existing property type in the database
Delete Property Type	Deletes a property type from the database
View Property Type	Views all property types

6. Order

Function Name	Description
Add Order	Adds a new order to the database
Update Order	Updates an existing order in the database
Delete Order	Deletes an existing order from the database
View Orders	Views all orders
Search by Date	Searches order by date
Search by Category	Searches order by category
Search by ID	Searches order by ID

7. Sales

Function Name	Description
Add Sale	Adds a new sale to the database
Update Sale	Updates an existing sale in the database
Delete Sale	Deletes an existing sale from the database
View Sales	Views all sales
Search Sale by Date	Searches sales by date
Search Sale by Category	Searches sales by category
Search Sale by ID	Searches sales by ID