# **House Rental Database System**

### **Background**

This project seeks to enhance and handle the database system for the house rental property firm, addressing the needs of both the company and its clients. The design shall be meticulously developed to support a multitude of features that are essential to the enterprise's performance, including things like clients, types of properties, and the relationships among them. The project's goal is to develop and construct an ideal database system that is customized to meet the unique needs of this kind of business, with an emphasis on best practices.

### **Purpose**

This project is focused on creating an extensive database system that includes all the attributes needed to make well-informed decisions. Utilizing an Enhanced Entity-Relationship (EER) model, the project aims to visualize the entire process effectively and facilitate efficient data promotion and sharing. Emphasizing functional aspects, the system will be designed for ease and robustness in storing and retrieving data, aligning closely with the requirements of both the business and its customers.

## Scope

The project's scope will involve every stage of the business, from negotiating to customer decision-making. It will contain the tables for various entities, such as:

- The types of properties, such as sublet or rent, buy, and lease.
- Details about the houses, such as their layout and number of rooms, will be included.
- User type and preferences will also be included in the database.
- The employees of the rental property company and their personal information.
- The area where the employees are stationed to serve the users.
- The locations where customers can purchase properties.
- Any additional services rendered by the staff following the transfer of ownership of the house.
- Payment information received and handled by the company.

#### **Members**

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