***Database System Project***

***Case Study***

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***Section B:***

***Group Members***

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***Project :***

***Real Estate Management system***

Requirement Document:

The management system will allow the users to perform basic property related Quires, Customers will be able to search , buy , sell or rent different properties (houses, plots , apartment , commercial properties) the application interact with database to store customer and property information.

The main menu of the application displays the

1. Search bar to find existing properties available for rent or sale.
2. Add property option to add a property for Selling or Renting purposes.
3. Available no of properties in Different Cities all across the Pakistan.

The real Estate database keep track of available properties, costumers information, and agents

**Entities Required:**

* The Real Estate database is organized into different categories for properties (Buy, Rent, and Sale), each property has a unique Property id.
* The relationship is defined between the customer and the property he/she is involved in the customer may be involved with more than one properties.
* The database will store each customer name, contact information’s and costumers requirement’s details(Rooms, Square feet’s , location)
* The database will also keep information about Rent and sales info about available properties including the price, status and owner details.
* It will keep track of renter’s details, renter name, contact, dues and purpose of Renting.
* The database will keep track of the property agents as well as the transection details which are made between the customer and the Agents (transection id, transection type, and amount).

***Proposed Solution***

We will do our DBMS in MySQL Database Management System.

And our GUI interface will be in C Sharp or python.