Database Management System
Course Project

Real Estate Management System

Design Document

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Problem Description :

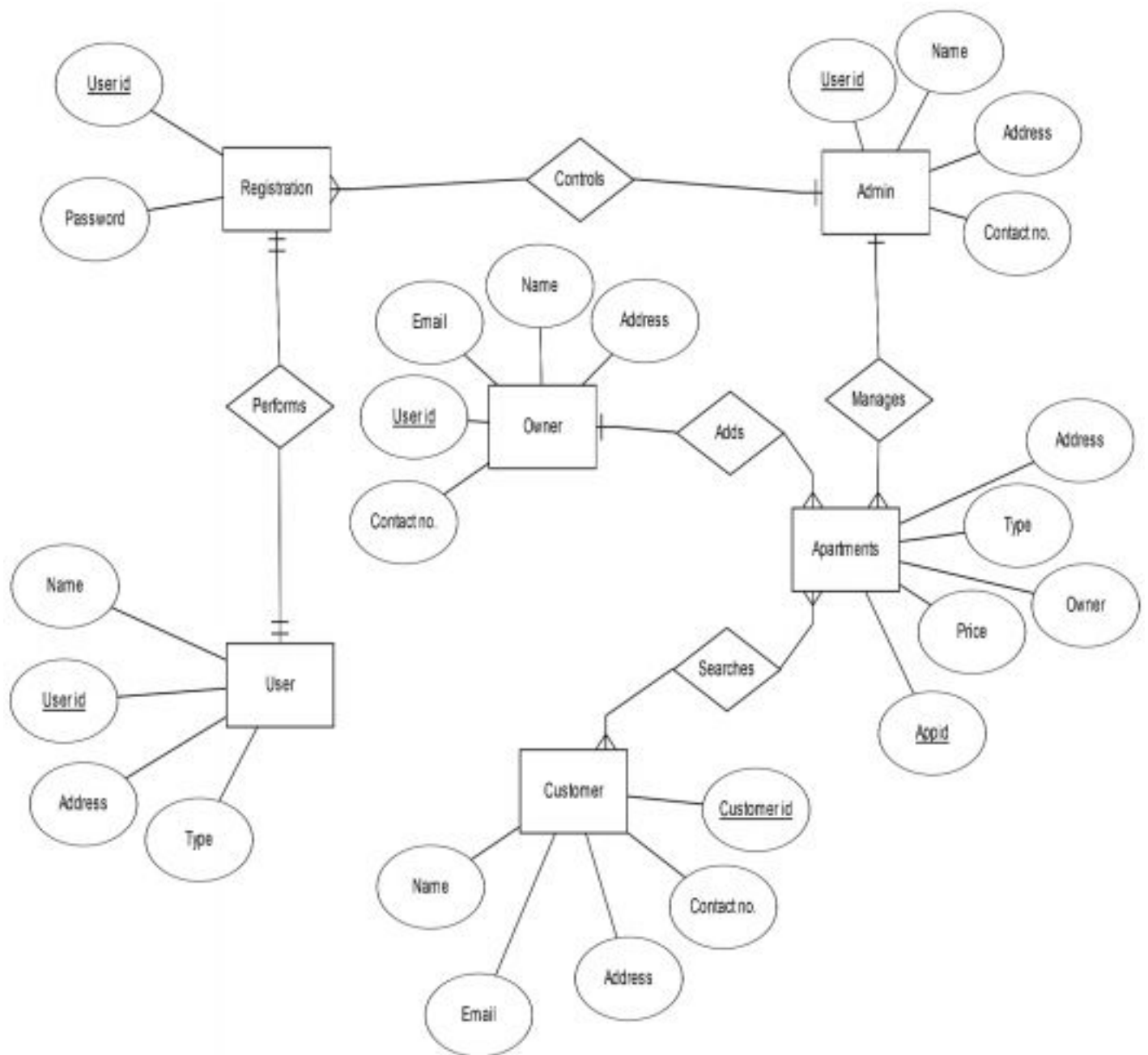To design a real estate management system that works for the following users and

functions:

Users:

1. Owner
2. Buyer
3. Admin (Super User)

Functions:

- Register user
- o Register buyer or owner to buy/sell any apartment
- o Admin controls the registration

- Search for details
- o Apartment details - type, size, address, etc.
- ○ Owner details - details of owner and information of his apartment rented
- ○ Buyer details - details for the buyer

- Display details
- o Apartment details - type, size, address, etc.
- ○ Owner details - details of owner and information of his apartment rented
- ○ Buyer details - details for the buyer

Entity Relationship Diagram :

Database Schema :

Registration

User id
Password

User

User id
Name
Address
Type
User id   (FK)

Apartments

Appid
Type
Address
Owner
Price
User id   (FK)
User id   (FK)

Owner

User id
Name
Email
Address
Contact no.

Searches

Appid   (FK)
Customer id   (FK)

Admin

User id
Address
Name
Contact no.

Customer

Customer id
Contact no.
Address
Email
Name

4