

# Water Management system

## Group 3

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# 1. Objective and Approach

## 1.1 Objective:

- Water Supply Management System
- The target of the system is to provide information about water supply, especially data about:
  - Suppliers
  - Areas
  - Households
  - Employees

and help to manage these information

## 1.2 Approach:

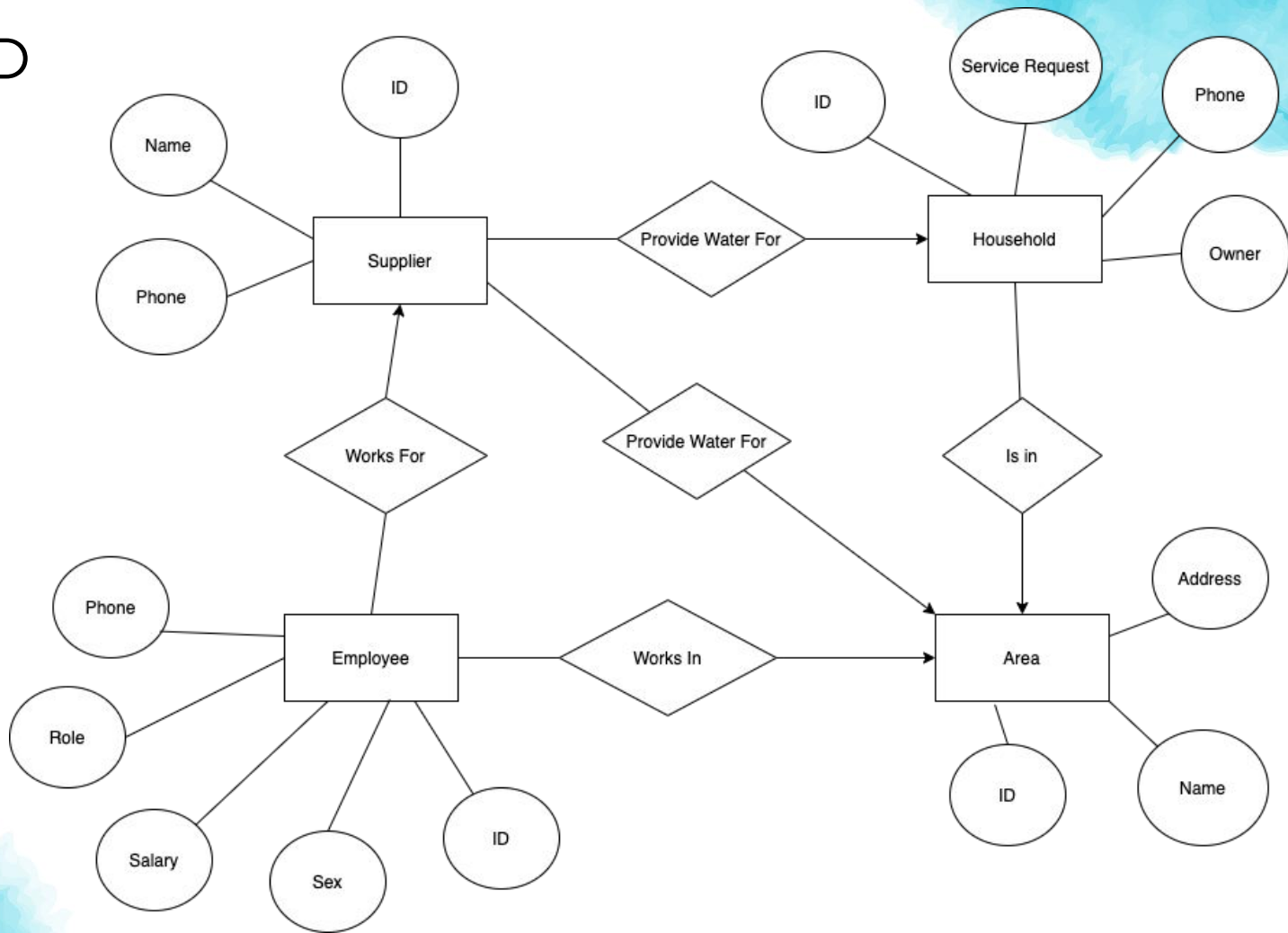
- Tkinter For GUI
- SQLite For Database
- AI to design images

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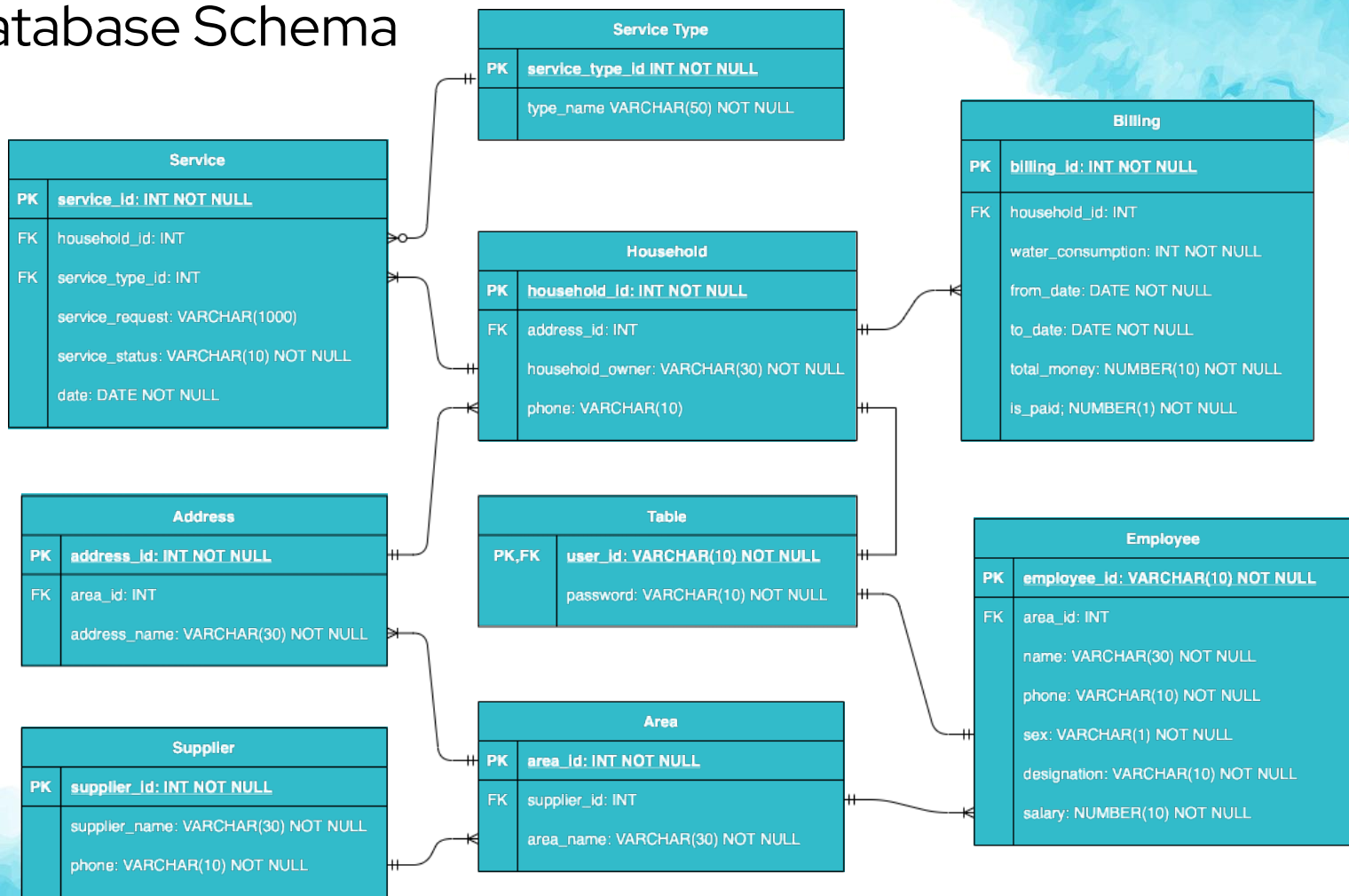
# 2. Database

1. ERD
2. Database Schema
3. Database Queries

## 2.1 ERD



## 2.2 Database Schema



# 2.3 Database Queries

- Create Tables
- Basic Queries:
  - Add
  - Update
  - Search
  - Delete
- Other Queries



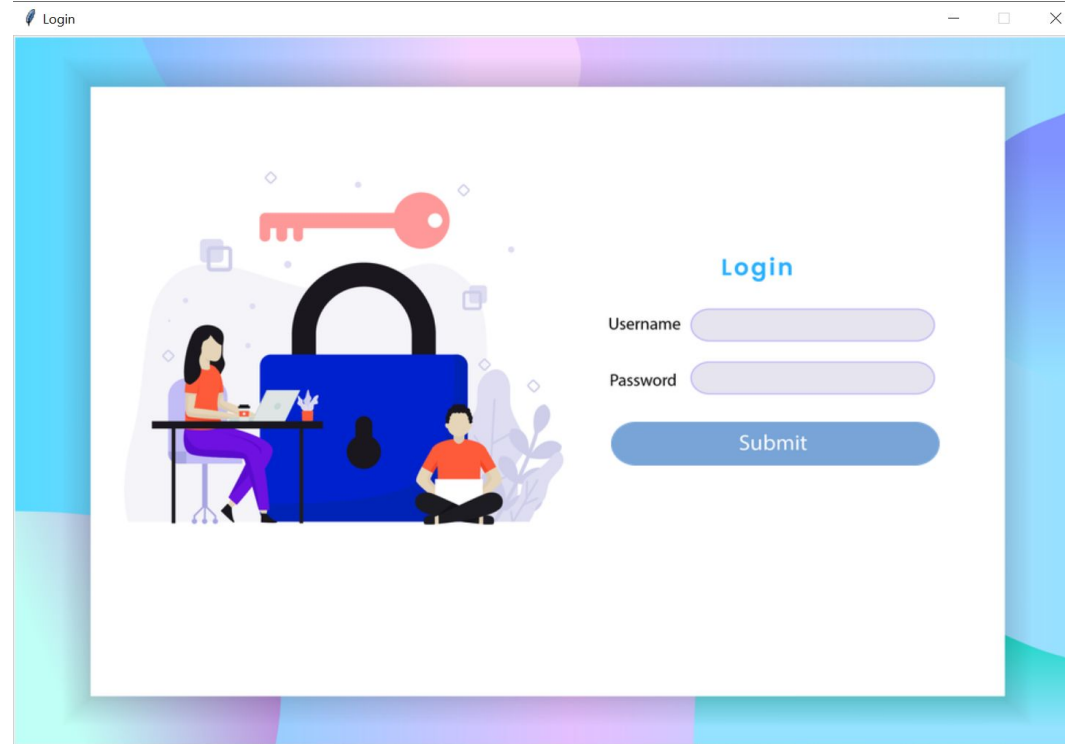
# 3. GUI

1. Login
2. Admin Window
3. Employee Window
4. Customer Window



# 3.1 Login Window

- **Entries:**
  - Username
  - Password
- **Login to get to 3 different windows:**
  - Admin Window
  - Employee Window
  - Customer Window

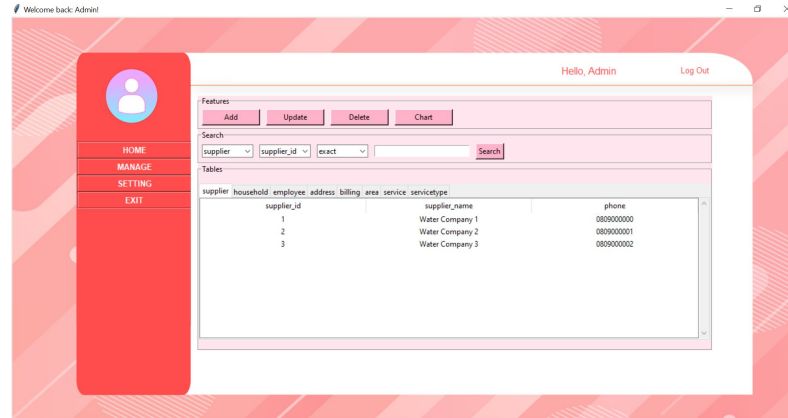


## 3.2 Admin Window

- **Main Features:**

- Home
- Management
- Setting (Changing Password)
- Log Out
- Exit

Home  
frame



Management  
frame

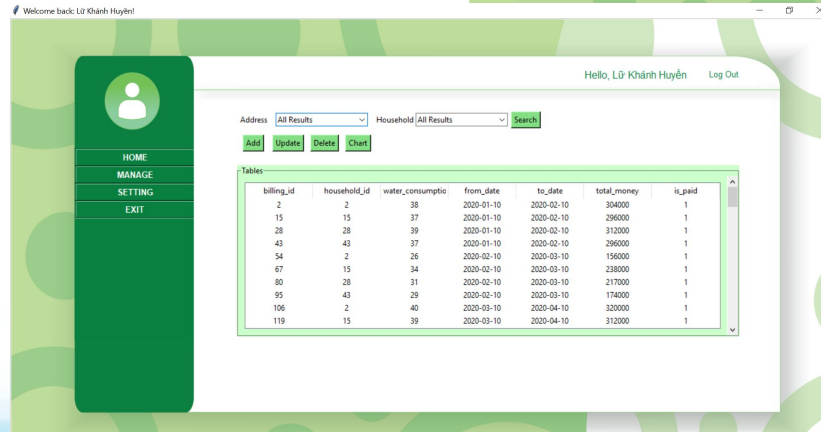
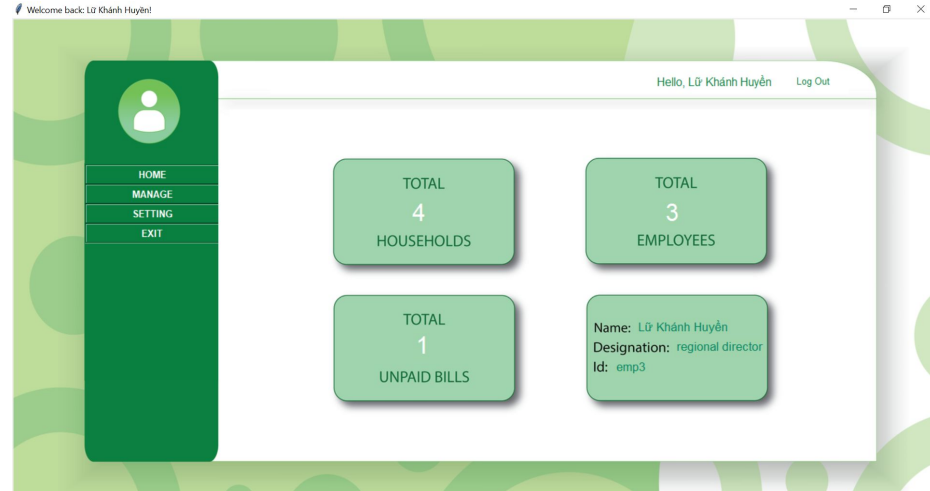


# 3.3 Employee Window

- **Main Features:**

- Home
- Management
- Setting (Changing Password)
- Log Out
- Exit

Home  
frame



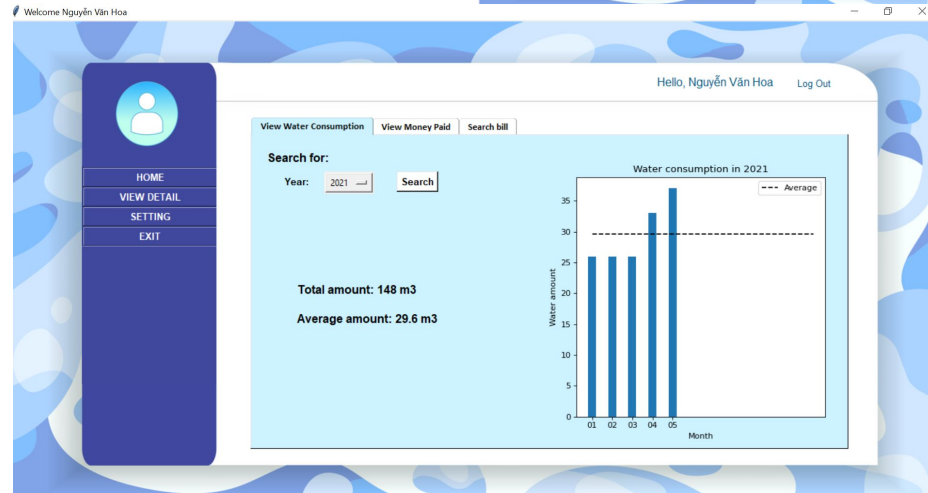
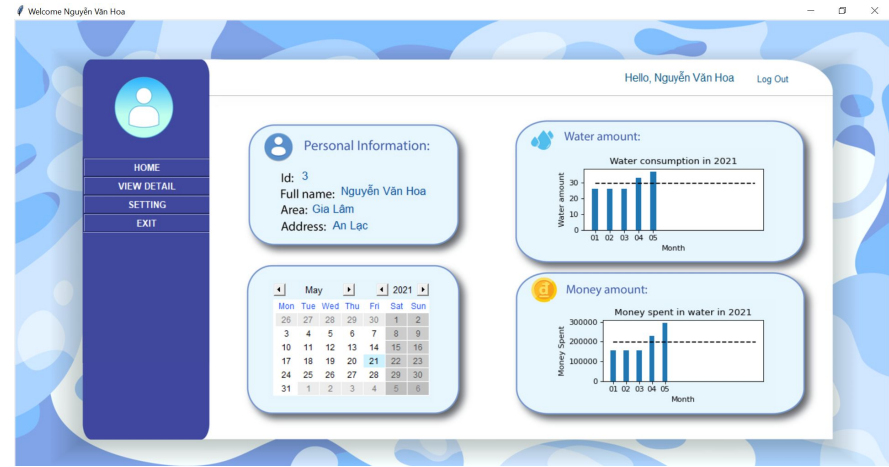
Management  
frame

# 3.4 Customer Window

- **Main Features:**

- Home
- Management
- Setting (Changing Password)
- Log Out
- Exit

Home  
frame



Management  
frame





# Thank You For Listening

Now it is time for demo