

**IIT Madras Online Degree**  
**Modern Application Development 1**

**Submitted by:**

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**Problem Statement:**

Develop a multi-user app (requires one admin and other service professionals/ customers) which acts as platform for providing comprehensive home servicing and solutions.

**Approach:**

The approach that I have used is as follows:

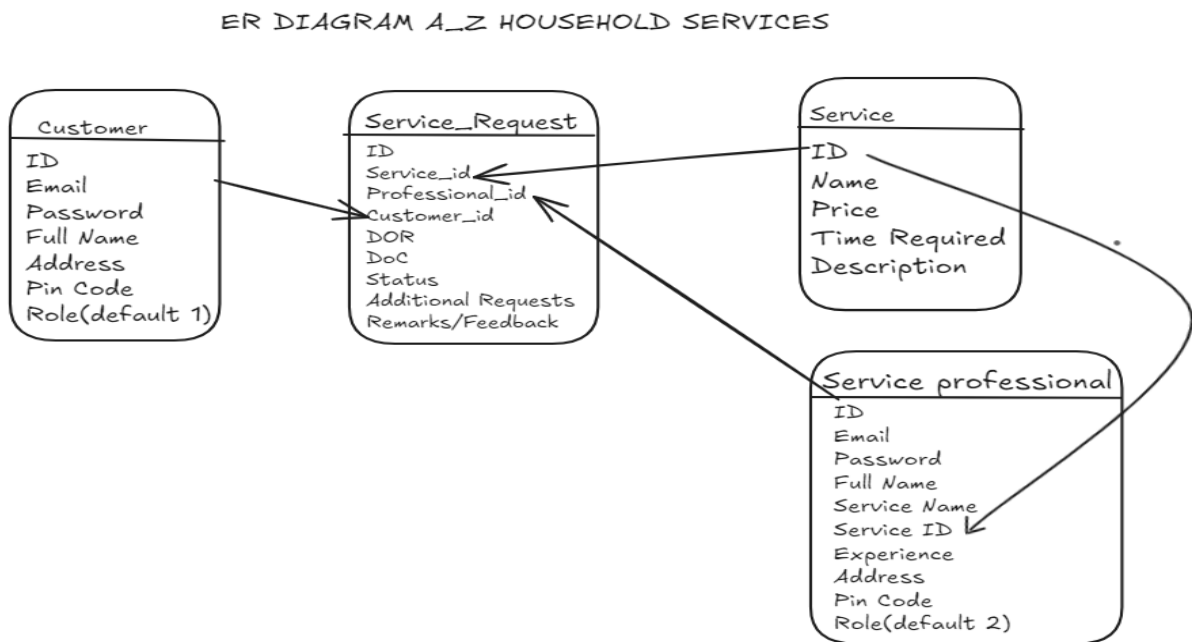
- I have first identified the main required services for the above problem statement.
- Then I moved on to define the ER diagram, which gave me a clarity on database and the relation between the table.
- Next step was the create a frontend layout using HTML, CSS and Bootstrap.
- Then I moved on to backend part where I initialized the database and wrote the function for CRUD operations on the database
- All the operations as required where written for admin, customers and professionals.

**Framework and libraries used:**

- Flask
- Python

- HTML, CSS
- Jinja template
- Sqlite3
- Bootstrap

## ER Diagram:



Drive link of the video:

<https://drive.google.com/file/d/1tCCffMQ-hSBWqd5zUuDAL-CgJW5dqXoZ/view?usp=sharing>

