

Household Services Application



Project Report by Vaibhav Soni

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Modern Application Development - I

September, 2024 Term

Student details:-

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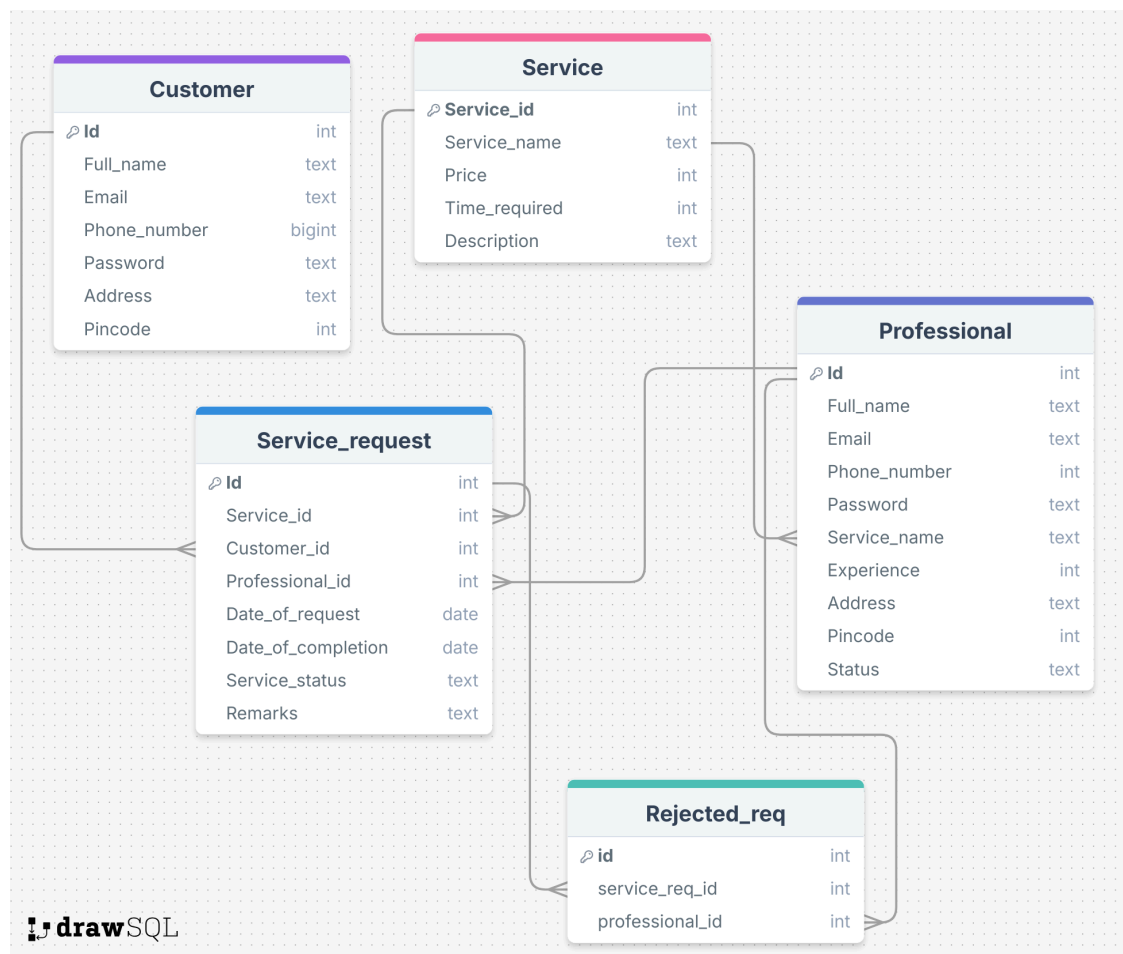
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About me: I'm a knowledge seeker who is driven to study, develop, and succeed in **Java, Python, DBMS and Flask**. I'm also excited to work hard and contribute to the success of my team.

Project Description:-

The Household Services Application is a multi customer/professional **web-based** application, designed to connect customers with professionals offering various household services, enhancing convenience and efficiency for both parties. Developed using the Flask web framework. A superuser (Admin) can manage all Customer and Professionals.

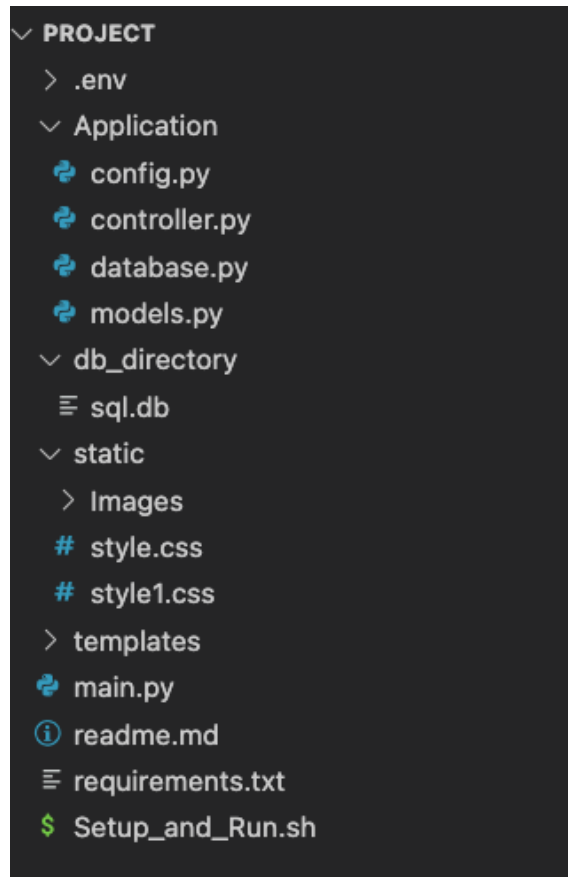
DB Schema Design:-



Technologies Used

1. **Flask**: Backend framework for building the web application.
2. **SQLAlchemy**: ORM (Object-Relational Mapping) tool for database interactions.
3. **SQLite**: Database management system for storing application data.
4. **HTML/CSS**: Frontend technologies for user interface design and interactivity.
Also used
5. **Datetime**: Python library for handling date and time operations.
6. **Jinja2**: Template engine for rendering dynamic HTML content.
7. **Matplotlib**: Python library used for creating different types of charts on the admin/Customer/Professional dashboard.

File Structure:-



Video:-

 Mad_1_Project.mp4

<https://drive.google.com/file/d/1XIYv3-fmpyr96iCGGug4xmuXtt4EvMCs/view?usp=sharing>