Student Details :

Name- Ujjawal Kumar Rauniyar

Roll no- 23f3001422

Course - BS (Data Science)

Level- Diploma - 1st Term

Email- 23f3001422@ds.study.iitm.ac.in

Project Description:

Household Service Application:

A household service application is a digital platform designed to connect service seekers with professionals who offer a variety of household services. These services can include cleaning, plumbing, electrical repairs, gardening, and more.

Key Features

User Management

Separate portals for customers , service professionals and Admin

Profiles with details like preferences, skills, and ratings.

Service Management

Categorized services with descriptions and pricing.

Real-time availability of professionals.

Booking System

Schedule services with confirmation and rescheduling options.

Track booking statuses.

Dashboard

For Customers: View bookings and track progress.

Ratings and reviews for services and professionals.

Search and Filters

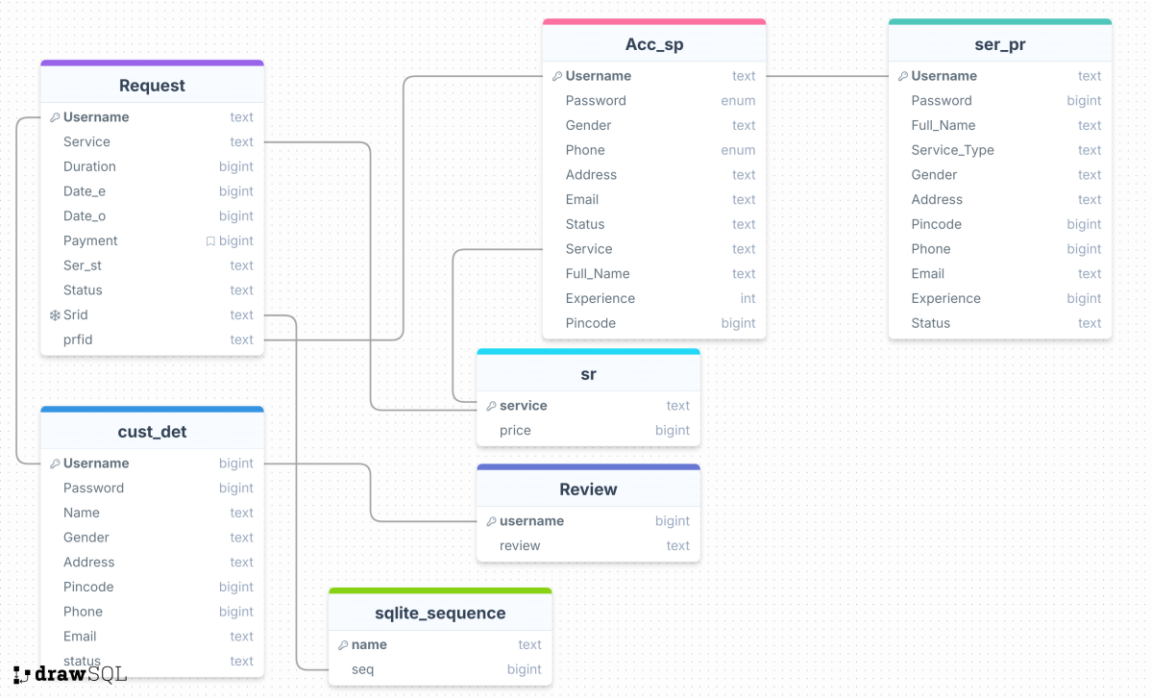
Easy service/professional search with location and category filters.

For Professionals: Manage requests .

File Structure-

```
.
└── EaseHeaven/
    └── root/
        ├── static
        ├── templates
        ├── main.py
        ├── customer.db
        ├── customer.sqbpro
        ├── requirements.txt
        └── setup_and_run.sh
```

ER Diagram -



Technology Used:

1.Flask: Backend framework for building the web application.

2.SQLite: Database management system for storing application data.

3.HTML/CSS: Frontend technologies for user interface design and interactivity. Also used Bootstraps for styling.

4.Jinja2: Template engine for rendering dynamic HTML content.

5.Chart.Js - It is used to create interactive chart for the Admin Webpage.

Video LINK-

https://drive.google.com/file/d/1FI8zczNy83P-BtcccZAoSZiAZ1_4Cap_/view?usp=sharing