

MAD – I

Project Report

September Term

**Application name -Service Pro
Household Services**

Student ‘Details:

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About Myself-

I am learning programming and doing different real time projects increase my confidence to do more.

Description:

This project is about the application where the customer can book any professional for his household services. It offers a user-friendly interface that simplifies the problem of managing various services that includes painting, plumbing etc.

Technologies Used:

Flask-SQLAlchemy is used for defining and interacting with database models.

Matplotlib is used for generating statistical plots and visualizations.

HTML/CSS/BOOTSTRAP- is used for frontend pages for designing and creativity of website pages.

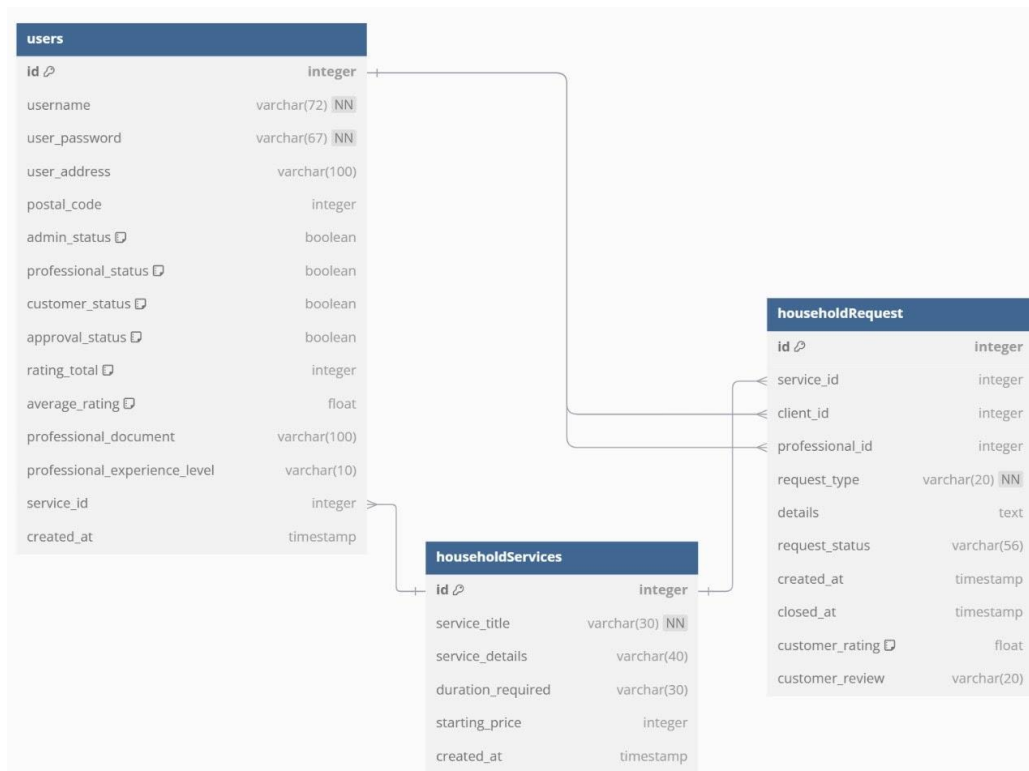
DateTime is used for working with date and time-related functionalities.

Flask - Session is used for managing user sessions, allowing users to stay authenticated across multiple requests.

Werkzeug is used for managing things securely.

JINJA2 is used for dynamic HTML content.

DB Schema Design:



Architecture and Features:

I have used Flask to create my app and the html templates are stored in the templates folder. I have some css files and some uploaded resume of professional workers in pdf format in my static folder and have used inline css for most of myhtml pages.

I have tried to implement all the basic requirements that the app was required to have with some aesthetics added to it. The admin has a statistical page with the bar chart of no. of request customer has given to professional worker and pie chart showing how many admin has flagged the professional/customers.

Video Link:

<https://drive.google.com/file/d/1PqzHy3euPyPi-TfifKMmgxbHoiaJTRgC/view?usp=sharing>