MAD I Project - Household Services App

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About :

The Household Services Application is a multi-user platform designed to provide comprehensive home servicing solutions. It connects customers with service professionals while being managed by an admin with root-level access. Customers can create service requests for professionals, and professionals can accept or decline these requests. CRUD operations and the required core functionalities have been implemented.

Technologies used :

1. Flask - For routing, rendering templates and handling requests
2. Flask SQLalchemy – Database management
3. Jinja – Templates (python-like commands in HTML)
4. SQLite – Storing data
5. HTML, CSS and Bootstrap – For designing and styling of pages

Database :

Table 1 - User

1. Id – Primary key
2. Username
3. Password
4. Email
5. Phone No
6. Address
7. Pincode
8. Aadhaar

9. PAN
10. Service Name
11. Experience
12. Allow Status
13. Block
14. Is Admin
15. Is Customer
16. Is Professional

Table 2 - Customer

1. Id – Primary Key
2. User_id

Table 3 - Professional

1. Id – Primary Key
2. User_id

Table 4 - Service

1. Id – Primary Key
2. Service_Name
3. Service_Description
4. Service_Time
5. Service_cost

Table 5 – Service Request

1. Id – Primary Key
2. Service_id
3. Customer_id
4. Professional_id
5. Description
6. Date_of_request
7. Service_status
8. Service_rating
9. Remarks

Architecture :

1. Templates – HTML files
2. Models.py – Database inside Instance folder

3. App.py
4. Config.py
5. Venv – virtual environment – for libraries required to run the code

Video :

https://drive.google.com/file/d/19nPGjBtrm0thhxCeCmOfPWBeWgsb3N2z/view?usp=drive_link