<u>**Modern Application Development**</u>

<u>**Project Report**</u>

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My name is Tripurari Kumar. I am a diploma level student with a keen interest in Web Development. This project gives me a lot of challenges and learning opportunities that boost my knowledge.
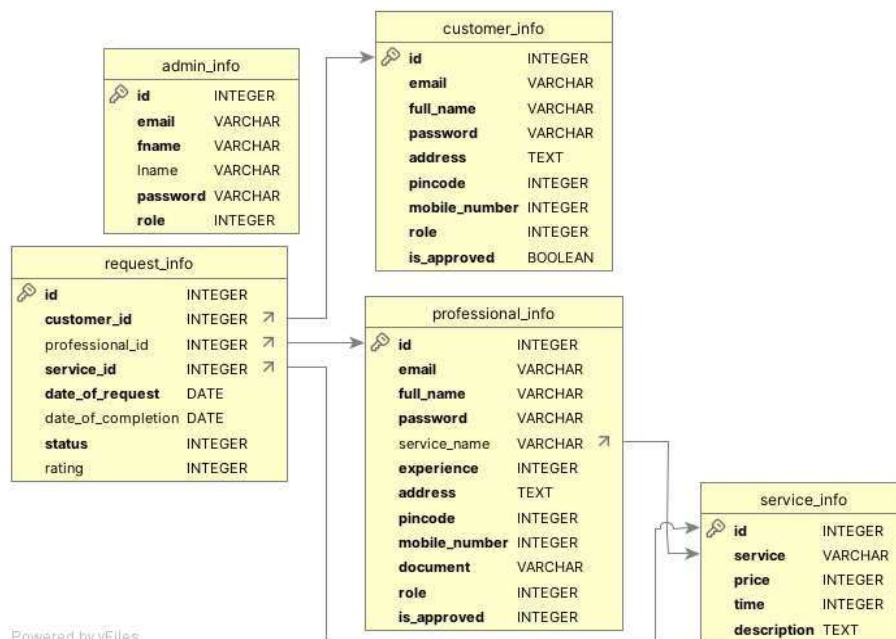
<u>Project Description</u>

It is a multi-user application that name is Home Service Application in which admin, professional, customer do their work. Admin who monitors all the activity on this website.

<u>Technologies Used</u>

- HTML: Used for making html file.
- CSS: Used for styling
- Bootstrap: Framework for styling
- JavaScript: Used for route and button
- Jinja2: Used for HTML template
- Flask: Used for backend
- Flask-SQLAlchemy: Used for handle database
- ChartJS: Used for creating graphs

Database Schema

Routes

- /login : Login for admin, professional, customer
- /logout : Logout route
- /admin_dashboard : Admin Dashboard
- /professional_dashboard : Professional Dashboard
- /customer_dashboard : Customer Dashboard
- /professional_Register : Professional Dashboard
- /customer_Register : Customer Register
- /profile : Profile of user
- /service/add : Add Service
- /service/edit/<int : key> : Edit Service
- /service/delete/<int : key> : Delete Service
- /book_service : Book Service
- /service_rating : Rating Service
- /approve_professional/<int : id> : Approve Professional
- /block_professional/<int : id> : Block Professional
- /block_customer/<int : id> : Block Customer
- /approve_service/<int : id> : Approve Service
- /reject_service/<int : id> : Reject Service
- /complete_service/<int : id> : Complete Service
- /cancel_service/<int : id> : Cancel Service
- /admin_summary : Admin Summary
- /professional_summary : Professional Summary
- /customer_summary : Customer Summary
- /search_service : Search Summary

Core Functionalities

- User authentication and different role management.
- Admin Dashboard control Professional, Customer and Service.
- Admin create service, approve and blocked the professional and customer.
- Professional Dashboard for receiving customer request and professional accept reject the request.
- Customer Dashboard for sending request to customer for different services.
- Customer provide rating for services provided by Professional.
- Customer Dashboard has also search functionality on the basis of service name.

Video Link :

https://drive.google.com/file/d/1koKgpEJpq0uenTeBvL0tDVlhARZbqAnf/view?usp=drive_link