Project Report

Student Details :

Name : Astha Sahu

Student Email id : 23f1002154@ds.study.iitm.ac.in

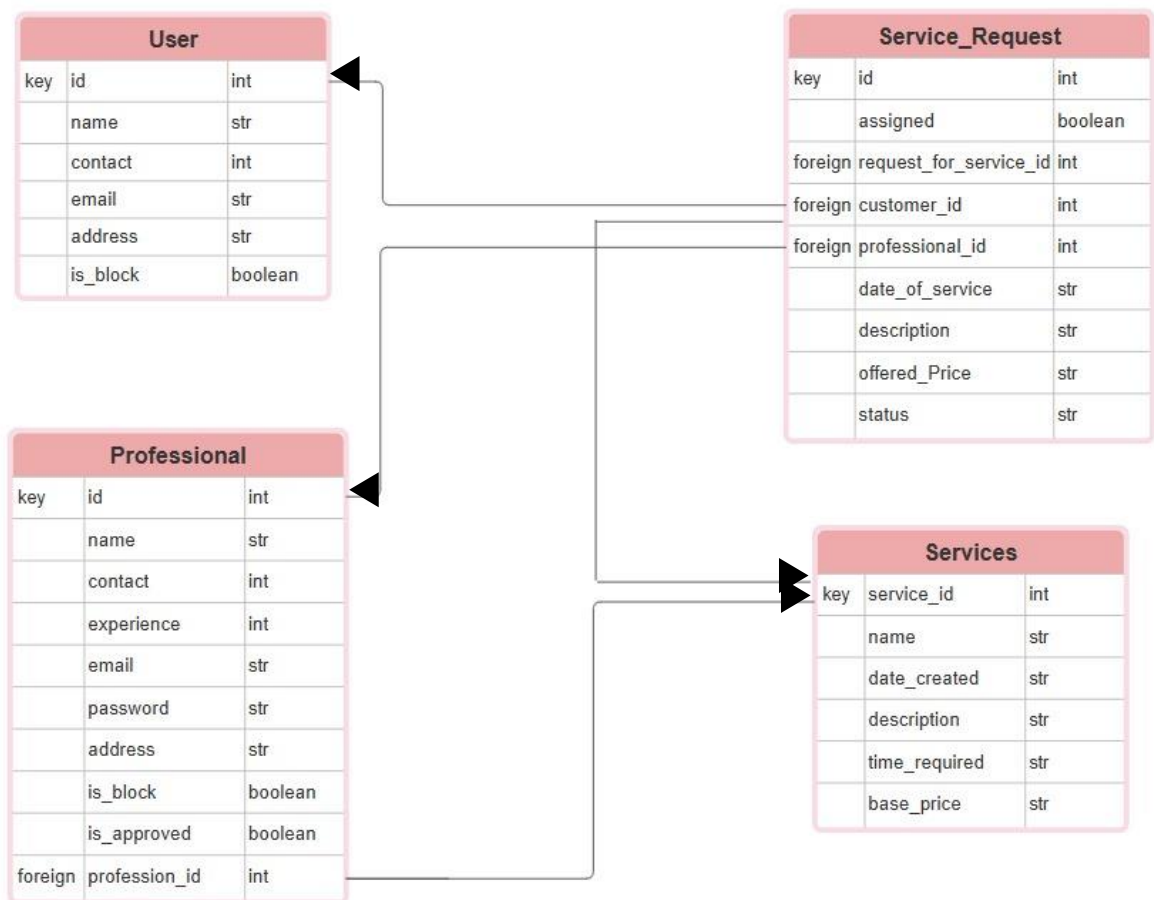Current Level : Diploma(in programming)

Project Details :

Project Statement : Household Services Application, it is a multi-user app(requires one admin and other service professionals/customers) which acts as a platform for providing comprehensive home servicing and solutions.

I started by identifying the different categories of users and their functionalities, then I proceeded with creating login and signup pages for each followed by their respective dashboards, which were initially minimal.

After successfully creating the dummy dashboards, I moved to database visualisation with the help of suitable ER diagram, creating multiple tables(namely user, professional, service_request, services) and added the attributes as required and established relationships among the entities using foreign key. I used SQLite for storing database.

Once the database is created successfully, I focused on adding the functionalities to each dashboard accordingly for different users. Using flask API I connected web page and database.

ER Diagram :

Video Presentation Link: