

MAD-II Project Report

Student Details:

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

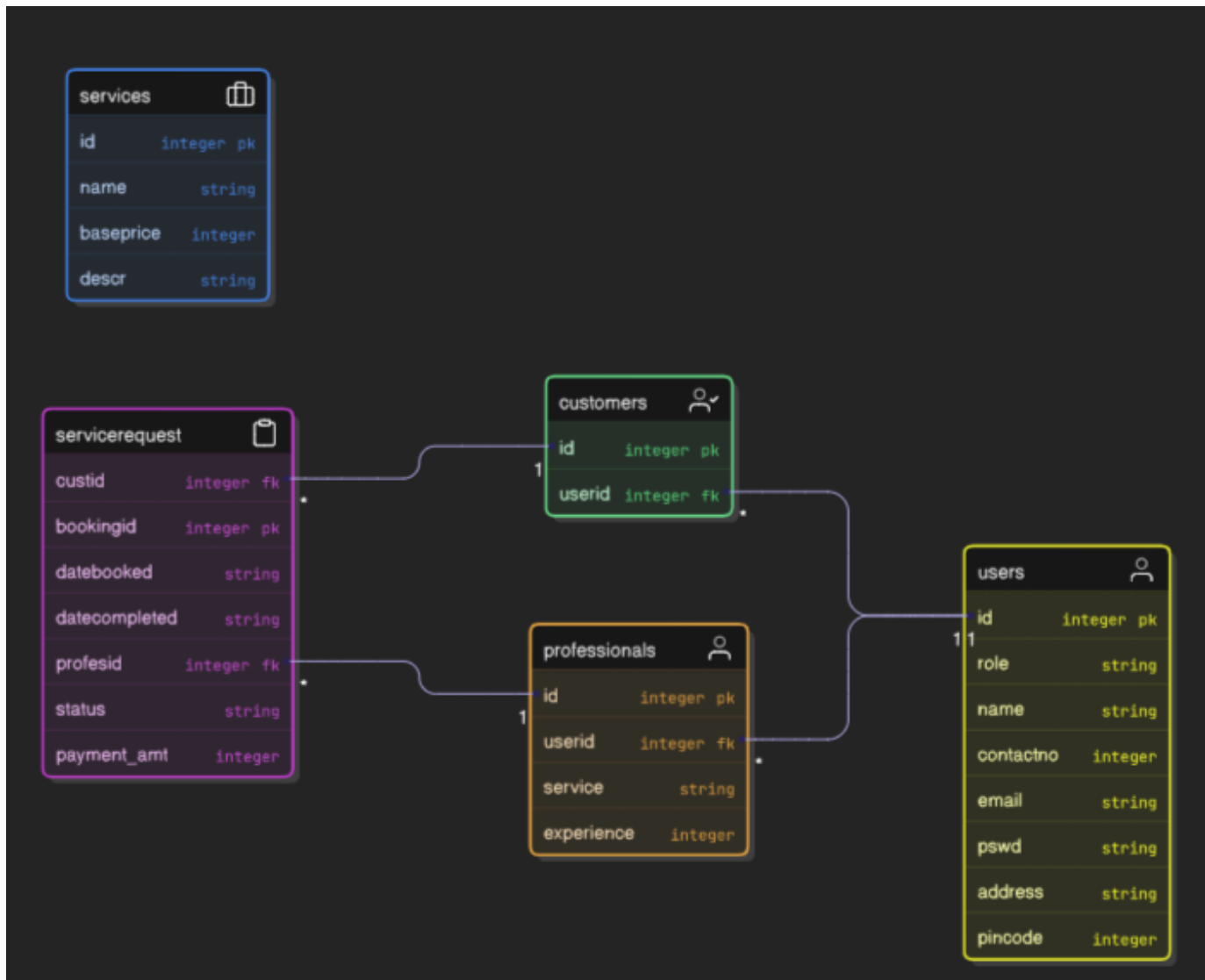
How I approached the problem?

I started by creating a blueprint of what my app should look like, what all features and necessities should be present from both customer's and professional's point of view along with ease of using it. Then, I started by going through project live sessions by IITM to get an overview, and also attended the bootcamp to learn hands on coding and see an example and how to actually start certain things to make a decent app. Then I started working on it and as I progressed, I browsed through bootstrap official website for different components of my app, documentations of celery, redis, MailHog etc. few websites for some database query or if stuck in an error and kept visiting the project live sessions to keep learning. Soon, I was in a good flow and could do majority stuff without having to look somewhere and in a few weeks, I completed the app.

Frameworks/Libraries used:

- SQLite for data storage
- Flask for API
- VueJS for UI
- VueJS Advanced with CLI
- Bootstrap for HTML generation and styling
- SQLite for database

ER Diagram



Structure of my app

I neatly divided my project structure into backend and frontend where backend was run by python and had app.py, models.py, celery tasks and workers files.

The frontend consisted of vue templates with javascript and html templates. Along with the index.js and main.js files.

Video Link:

https://drive.google.com/file/d/12c3cXxMvmXqlj_tJcVmopl9zEHsWecV2/view?usp=drive_link