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Advanced Programming

2nd March, 2024.

**Render deployment**: https://advancedprog-1.onrender.com/

Report

DESIGN:

The design of this application was one which was quite simple. I created a baseindex.html file which was the main html file. This file severed as the landing page for the application, and it gave access to the other html files (index.html and index2.html) via 2 buttons representing each table. The index.html file represents the first table of data, while the index2.html file represents the second table. The landing page had its own style sheet located inside the folder named static, with a name of “mainstyle.css”. Also, the index.html and index2.html files shared the same css file located within the “static” folder, named “style.css.”

The data from both databases in the application were opened, parsed, and closed within the “parse\_csv.py” file and “parse2\_csv.py” file.

Some data from the data table appear as “none” because I designed try and except statements to tackle an issue I had with some data values from the tables, which continuously crashed my application. I devised this means, as a solution to the problem I was faced with. I also placed the codes responsible for opening, parsing, and closing the database in try and except statements, so as to stop the application from crashing, and as a result of meeting the objective of the assessment.

DEVELOPMENT:

This application was developed by me with the used of recourses and guides from the course’s documentation and by googling. The development of this application hosted on git. I recorded 5 commits over the process of developing this app.

IMPLEMENTATION

I was able to achieve the result of this application as a result of following the guides from the practical sessions, especially that of week 8. It was straight forward to a large degree, however, debugging via codio made it more difficult.

INSTALLATION

Every installation I made were of the standard codes which we used in the lecture and practical sessions. Short codes such as “pip install flask,” “pip install --upgrade pip,” “pyenv install 3.7.9.”

USE OF APPLICATION

This application is simple and easy to use. The application’s landing page houses 2 buttons which represent “Table 1” and “Table 2” respectively.

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GitCode: Davidmode1