

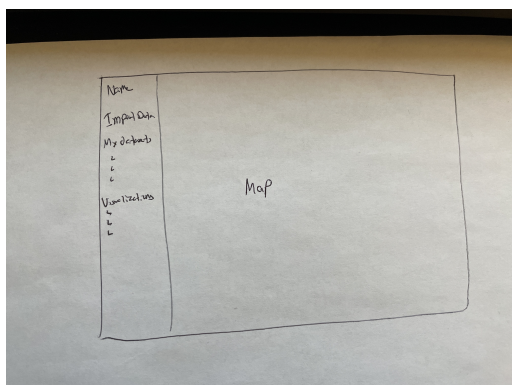
Oct 18, 2022 18:00

- Discussed Monday's lecture
- Go over the A2 assignment description
 - We want to have our Docker working properly
- What goals have been achieved?
 - Simple dummy application to build on
 - A rough plan for our milestones
 - Tech stack and reasoning behind each technology planned out
- What goals have been missed, and by how much?
 - The containerization of the application was not met. Instead, we automated using a shell script as a temporary solution
 - Splitting up the work for the milestones among ourselves
 - Project planning board setup. For example, a Kanban board in our GitHub repository.
- How plans will need to be adjusted, based on remaining time available and project scope.
 - The plan is feasible. Additional features were given low priority to ensure we complete the essential features.
- What, if any, adjustments or decisions need to be made in light of what we have learned about project scope and capacity since?

Steps

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1. Uploading Dataset through React Dashboard which gets stored in SQLite Database
2. Show a quick preview
 - a. Show the schema
 - b. Show a couple of rows similar to `df.head`
 - c. Show some stats about columns similar to `np.describe`
3. Visualizations: The user can select what type of visualization (map, etc.) and then click generate which sends a call to the Datasette backend
 - a. Option to check or uncheck certain columns from appearing in visualization
4. Formatting Data (Modifying SQLite Database): The user can choose to delete certain columns or rows based on the value



Oct 22, 2022 13:00

Milestone 2 Recap

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Mainly focused on creating a frontend with MVP functionality and providing a basic mechanism to connect to the backend.

Backend in the current state is quite minimal. Each front end task assigned will be responsible for back end tasks.

For task #4, we can create the functionality, however, the won't be a UI until we have task 2 completed. Reuse part of the quick preview ui to show the entire database. #4 to be assigned in the future.

Backend Status

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Nonfunctional.

Roles

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Piyush to work on React Dashboard UI and the upload button to store the dataset in an SQLite database.

Philippe to work on the visualizations. Philippe to decide which additional visualizations to add

Mack to work on the frontend and deciding points to connect to the backend. Backend drafts such as the schema will be made.

4) Should column deletion based on nulling. For UI, we can accommodate nulls by not showing them (or using a counter)

Issues

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Due to midterms, we may need to delay working until Wednesday. I will handle the current case, such as Figma.

Oct 22, 2022 22:00

Review on our current code