
Data Foundation Systems: End-User search queries(JSON)

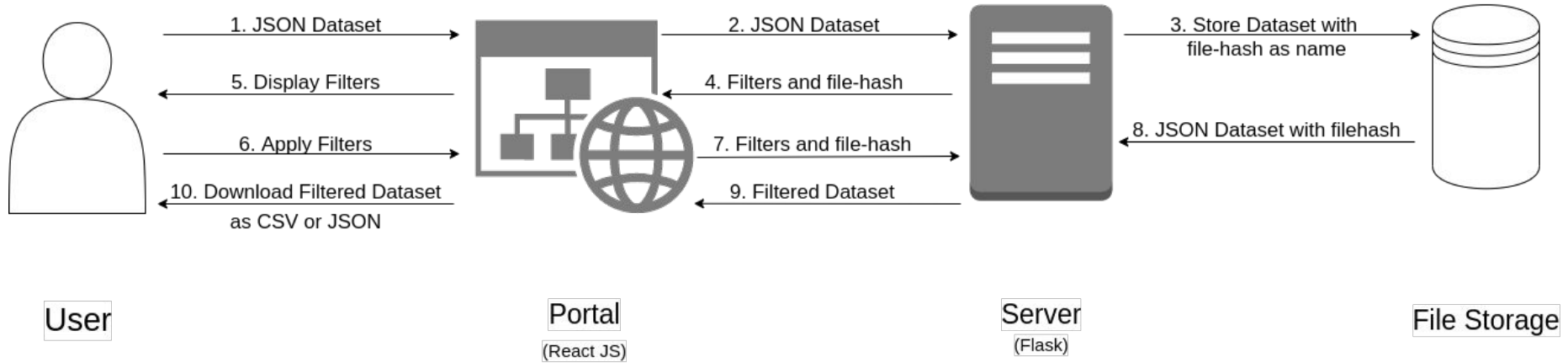
Team - 3 • 01.05.2022

Overview

Key Requirements

- Portal which take JSON dataset as input from the user
 - Verify the integrity of the JSON dataset
 - Server generates dynamic filters according to the input dataset
 - Display dataset in a grid format
 - User adds filters received from the server
 - Server sends the targeted dataset back to the portal using the filters added by the user
 - User can sort the dataset based on values of a single column
 - User can download the targeted dataset as both CSV and JSON
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Data Flow Diagram



Individual Contributions

Aman Goyal

- Setting up the server and the API endpoints
- Generating dynamic filters for dataset
- UI/UX for the Portal

Eshan Gupta

- Applied filters on the dataset in backend
- Styling and designing the front end portal
- Testing the system using dummy data and reporting bugs

Keshav Bajaj

- Made the interface for the user to upload the file and send it to backend
 - Worked on displaying data to the user in most readable format
 - Generated dynamic UI/UX components according to the filters required.
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