

LLM Log Dashboard – Minimal Front-End Specification

Purpose

Provide a compact single-page web UI that turns one uploaded JSON log into basic performance insight.

Input

- \* File type: `.json``
- \* Expected structure: ``data[0].spans[*]``
  - \* ``operationName`` – string
  - \* ``duration`` – micro-seconds (int)

Computed Metrics

- For each unique ``operationName``:
- \* `callCount` = number of spans
  - \* `avgDurationMs` =  $\text{mean}(\text{duration}) \div 1000$
  - \* `totalDurationMs` =  $\Sigma(\text{duration}) \div 1000$

Page Layout

Upload Button | (drag-and-drop works too)

[Bar-Chart: avgDurationMs per operation]

operationName	callCount	avgMs	totalMs
...	...	...	...

\*(static table, no sort, no pagination)\*

UI Behaviour

1. User selects a file → file read with ``FileReader``.
2. Metrics computed in browser; no server calls.
3. Bar chart and table replace any previous content.
4. Uploading a new file overwrites current view.

Technicals

- \* `Framework` React + TypeScript (Vite starter)
- \* `Chart lib` Chart.js (@react-chartjs-2)
- \* `Styling` Tailwind (light-only)
- \* `State` ``useState`` for log, metrics.
- \* `Build size` < 150 kB gzip (Cursor free tier).

Out-of-Scope

- ✓ Authentication
- ✓ Multi-file comparison
- ✓ Sorting / filtering
- ✓ Persistence

End of spec