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# Deliverable 2

Link to GitHub Repository
https://github.com/tetruong/Portal2.0

Development Decisions

1. Development will be done in React.js, HTML5, CSS

List of Main Functionalities

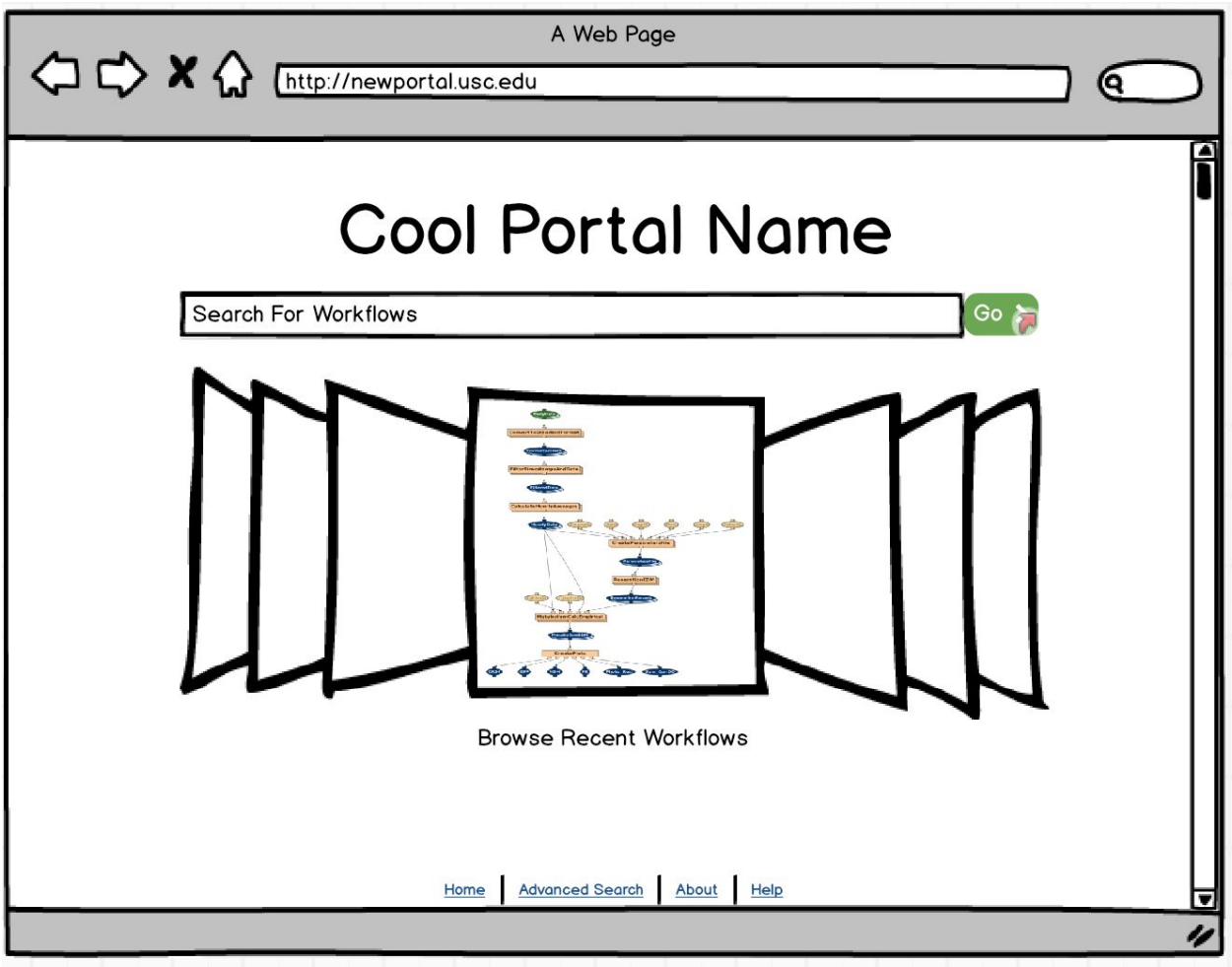
1. Search bar with auto-complete
2. Visualization of workflow using D3.js
3. Modularity of coding patterns to allow for queries and visualizations to be easily made in future
4. Ability to highlight inputs and outputs of a selected process
5. Zoom in on workflow graph
6. View legend for workflow graphs
7. Selected/clicked content from graph expands a box below the graph with more information.
    a. Clicking on another graph node pushes down previous boxes to insert a new box of information. Limited to 4 boxes on the screen at once.
    b. User can remove, expand, and collapse boxes.
8. Tab to view separate executions
    a. Click on specific execution to view status, start/end times, rights, etc.
    b. Dropdown menu to allow user to view different executions (based on date)

Goals for Next Week

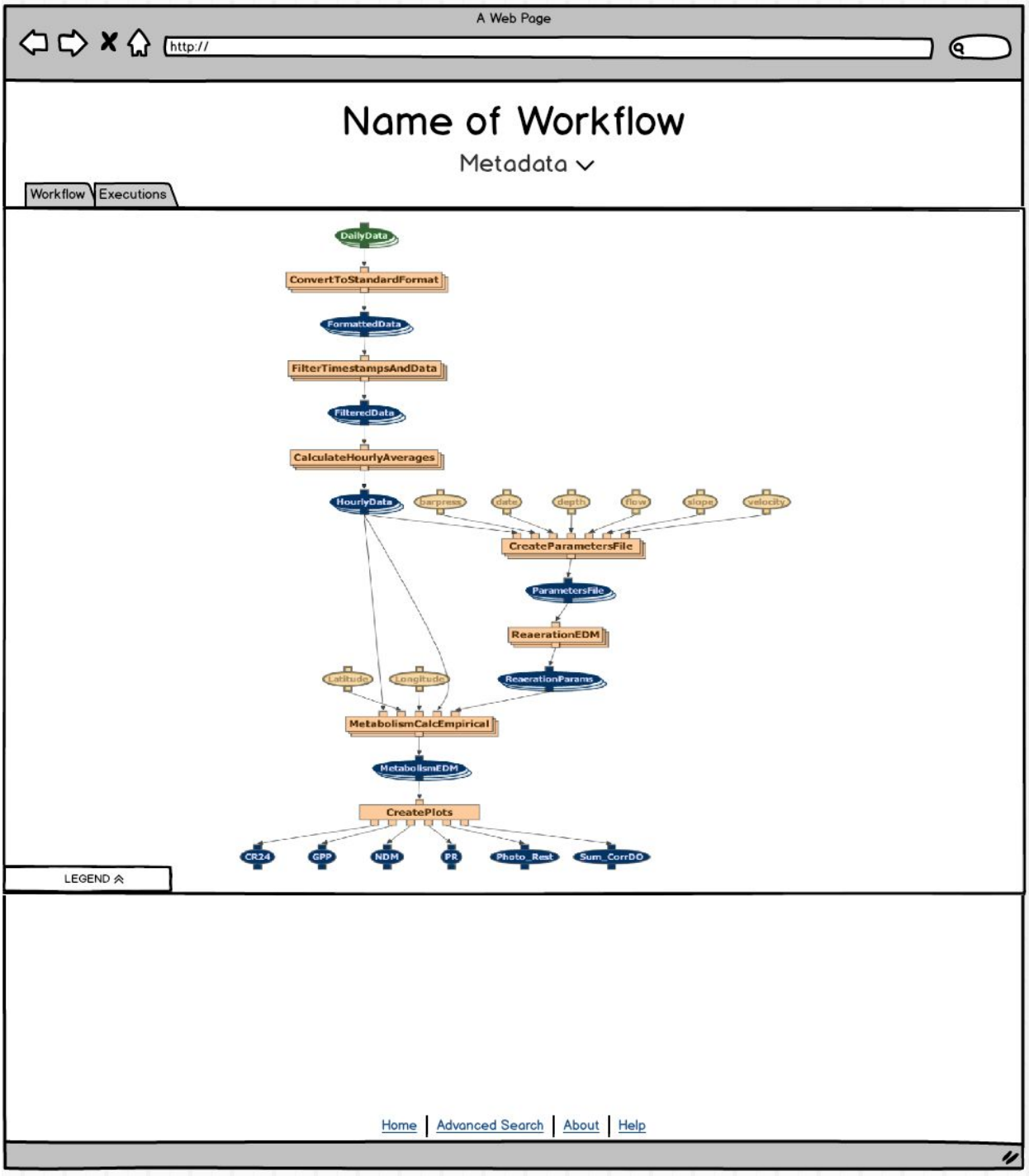
- General UX/UI of site developed
    - Can be hard-coded to illustrate general look and feel of page
    - Pages of site include: home page and workflow page
- Begin working on visualization of hard-coded data made in D3.js

Mockups

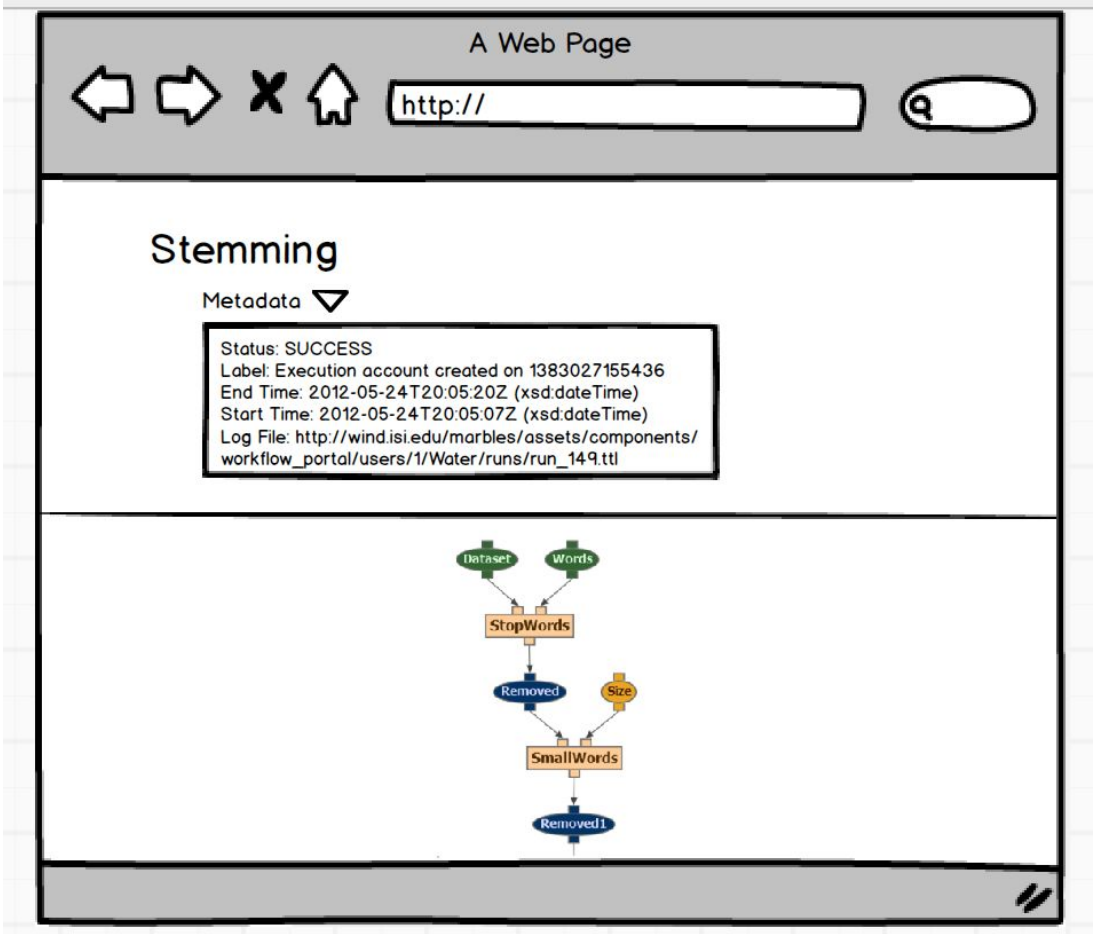
*Homepage*



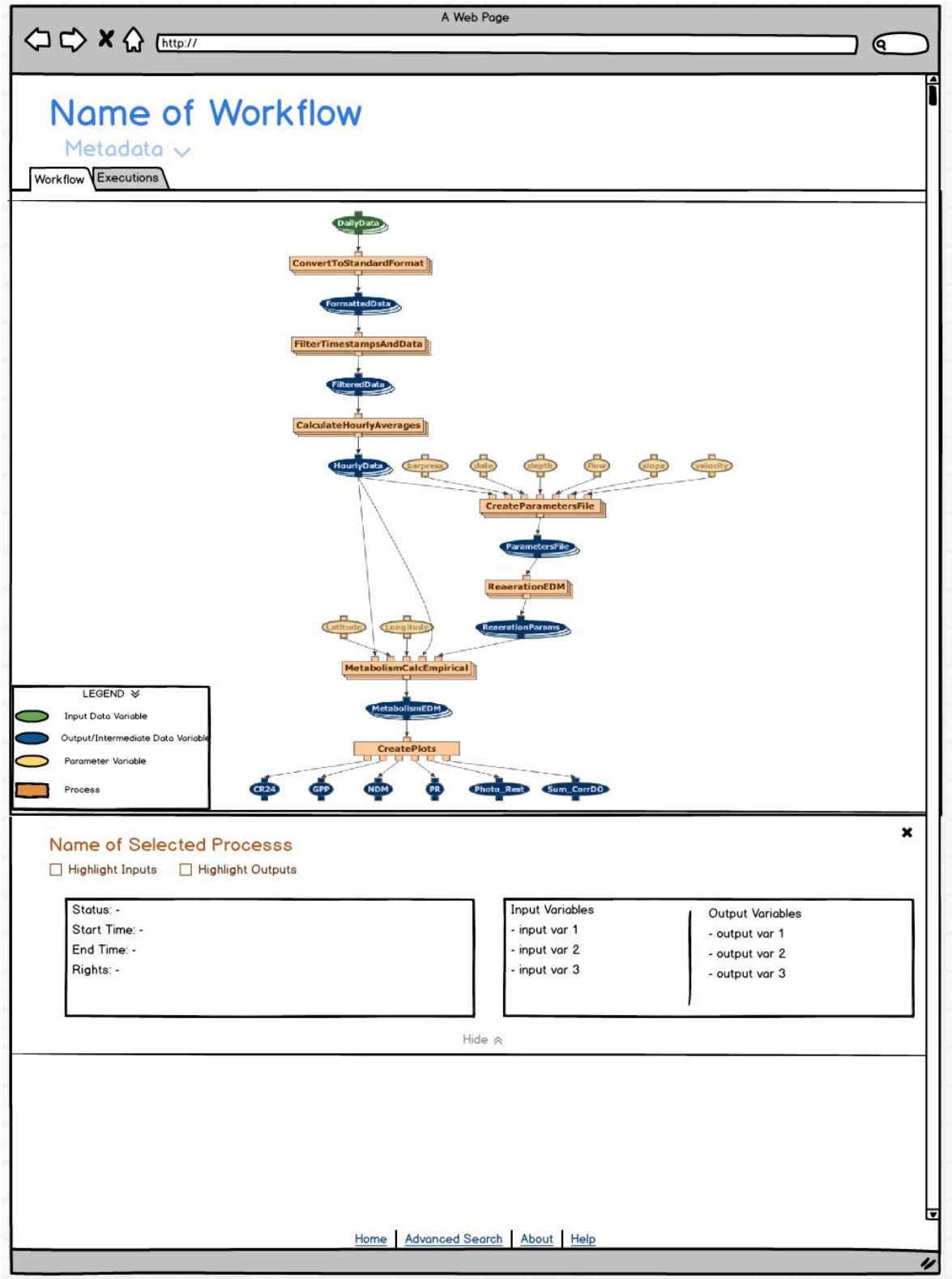
*Workflow Page*



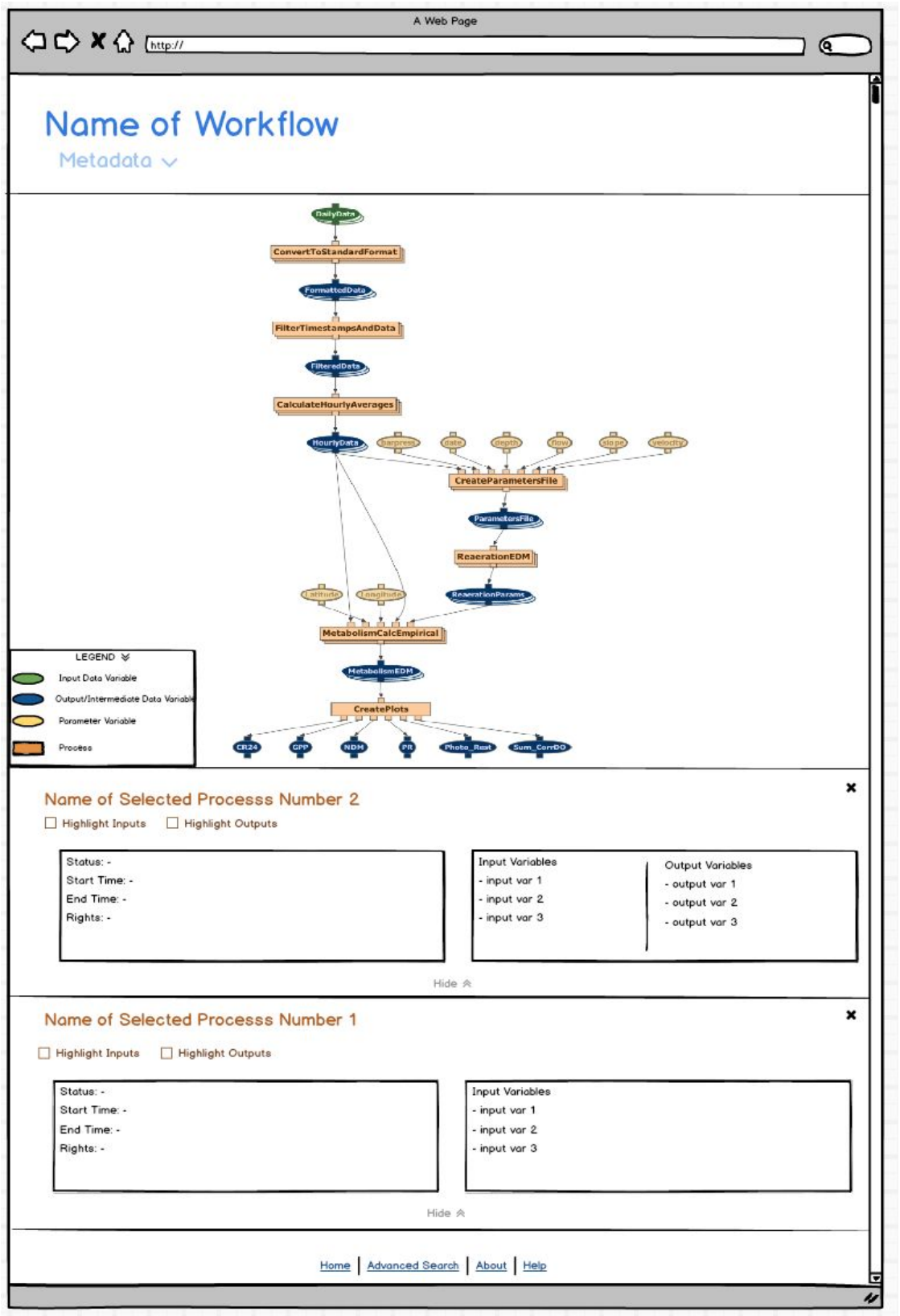
*After Clicking on Metadata Dropdown*



*Workflow - after a yellow box (process) is selected, legend expanded*



*Workflow - after a second yellow box (process) is selected, legend expanded*



*Executions Tab*