Real-time Page Flowchart

Open Real-time Page

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Show loading placeholder till the data for category list and station list with latest data are fetched from the APIs.

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After getting data from API show the category/subcategory selection drop-down, map with the stations, a list with the stations and search bar.

On clicking the row of a station from the list,the URL is added with that station id and the list is replaced by latest data of that station and a button to view more details and an infoWindow appears on the map over the the marker of that station.
On clicking the button, the URL is added with the 24-hour-trend and an API is called to fetch the 24 hour trend of that station and the details are shown in the section below.
The section gets focused on clicking the details button.

During searching, the station list and the markers on the map gets filtered according to the searched text.

On clicking the category selection box, the list of categories and subcategories will be displayed.
On selecting a subcategory, it will be reflected in the URL and the stations under that subcategory will be displayed in the map and station list.
On selecting a category , it will be reflected in the URL and the stations under that category will be displayed in the map and station list.

On clicking the marker in the map, an infoWindow is opened over the marker and the URL is added with that station id and the latest station details panel of that particular station is opened.
On closing the infoWindow, the station id is removed from the URL and the station details panel gets closed.

Process Completed