**Scenarios**

* This page includes the station type selection dropdown, layers selection dropdown and map to display the location of the stations.
* API for the station category options is: **/stations/options.**
* Key are coming as response: **category\_list**.
* The data are stored in the state as **category\_list**.
* API for station list: **/stations/list**. This API gets the list of Stations and its data and is stored in the state in **station\_list**.

1. Category / subcategory selection

* The data will be stored in **category\_selected** and **sub\_category\_selected** in state.
* The default value selected is the category and subcategory in the URL **<Project URL>?cat=2&subcat=[]&layers=[].**
* If no category or subcategory is given in the URL, then the default value selected is Pump Station under Flood.
* On clicking a category, that category is selected along with all the subcategories under it.
* If a subcategory is clicked, if it is already unchecked, then it will be checked, and if already checked, it will unchecked.
* Every time the subcategory or category selected is changed, it is reflected in the URL and accordingly the stations in the map is displayed.

1. Layers selection
   * The data will be stored in **layers\_array** in state.
   * On checking the layer, all the layers are selected and reflected in the URL and map.
   * If a sublayer is checked, only that layer is added in the map and URL.
   * Every time the layer selectin is changed, it is reflected in the URL and accordingly in the map.
2. Map

* The map is displayed with markers on the location of stations from the keys **latitude** and **longitude**.
* The marker color is decided by the status of the station, i.e. if the difference between the **last\_data\_send** time and current time is greater than 15 minutes, the station is considered offline and if it is less than 15 minutes, it is considered online.

The color of the markers will be red for offline, green for online.

Note#

Only for pump station:- Red for Offline, yellow for Online but no pump is ON and Green for Online and at least one pump is ON.

* On clicking a marker, an info window opens and the URL is added with that station ID.