**User Group**

* This section includes the station type selection dropdown, a search-bar to search for a specific user group a table to display the user groups.
* API for the station category options is: **/stations/options**. This API gets the category and subcategory and is stored in the state in **category\_list**.
* API for station group list: **/stations/groups/list**. This API gets the list of station groups and its data and is stored in the state in **station\_group**.
* API for station group list: **/stations/list**. This API gets the list of station groups 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>/settings/user-groups/?cat=[2]&subcat=[].**
* If no category or subcategory is given in the URL, then the default value selected is Pump Station under Flood.
* The filter is a multi-select type, i.e. multiple categories and subcategories can be selected.
* 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 uncheck.
* Every time the subcategory or category selected is changed, it is reflected in the URL and accordingly the stations in the table are displayed.
* The **user\_group** is filtered according to the filters applied and stored in **filtered\_groups.**

1. Search

* The result after applying filters can be searched for by station group name or station name.
* The searched text is stored in the key **table\_search** in the state.
* The list after the search from **filtered\_groups** is stored in **searched\_groups.**
* The searched key is reflected in the URL and the result of the search is displayed in the table.
* URL: **<Project URL>settings/user-groups/?cat=[2]&subcat=[]&search=demo.**

1. Add new Station group
   * On clicking the Add new station group button, the URL is updated and a popup appears to insert information about the group such as group name, role selection, description, station/ station group selection and users.
   * The URL is: **<Project URL>settings/user-groups/add/?cat=[2]&subcat=[].**
   * Multiple stations or station groups can be selected for a group.
   * Multiple users can be selected and only one role can be selected for a group.
   * The states for the data are:
     1. selected\_group\_name
     2. selected\_group\_role
     3. selected\_group\_description
     4. selected\_station\_group
     5. selected users
   * On saving the information, the data is posted to the API: **stations/groups/new**. And if the data is stored in the data base, we get a response with the group id of the newly created group.
   * A button loader is shown until we get a response from the API.
2. Table

* The table displays the result of the selected categories and sub categories and the searched string.
* The table can be sorted by group name, created by and role in ascending or descending order.
* The sort selection is reflected in the URL with keys **name=asc/ desc** and **created\_by=asc/ desc** and **role=asc/ desc**.
* URL: **<Project URL>settings/user-groups/?cat=[2]&subcat=[]&name=asc&created\_by=asc&role=asc/ desc.**
* On clicking the menu button (three dots) in the Action column, option menu opens to delete or edit the group.
* The delete button will be disabled for some groups which are not delete-able.
* On hover over the non-delete able button, a tooltip will open to show that the group is not delete-able.
* On clicking the delete button from the option, the URL will be updated and a confirmation popup will open to confirm the delete. On confirming, an API to delete the group will be called and on success response, the group will be deleted. On cancelling it, the group will not be deleted.
* A button loader will be shown while waiting for the response.
* URL to open the delete confirmation popup:

**<Project URL>settings/user-groups/:group\_id/delete/?cat=[2]&subcat=[]**

* On clicking the edit button from the menu, the URL will be updated and a popup will open to edit the station group information such as group name, description and stations/ station group and users under that group.
* URL to open edit modal:
* **<Project URL>settings/user-groups/:group\_id/edit/?cat=[2]&subcat=[]**