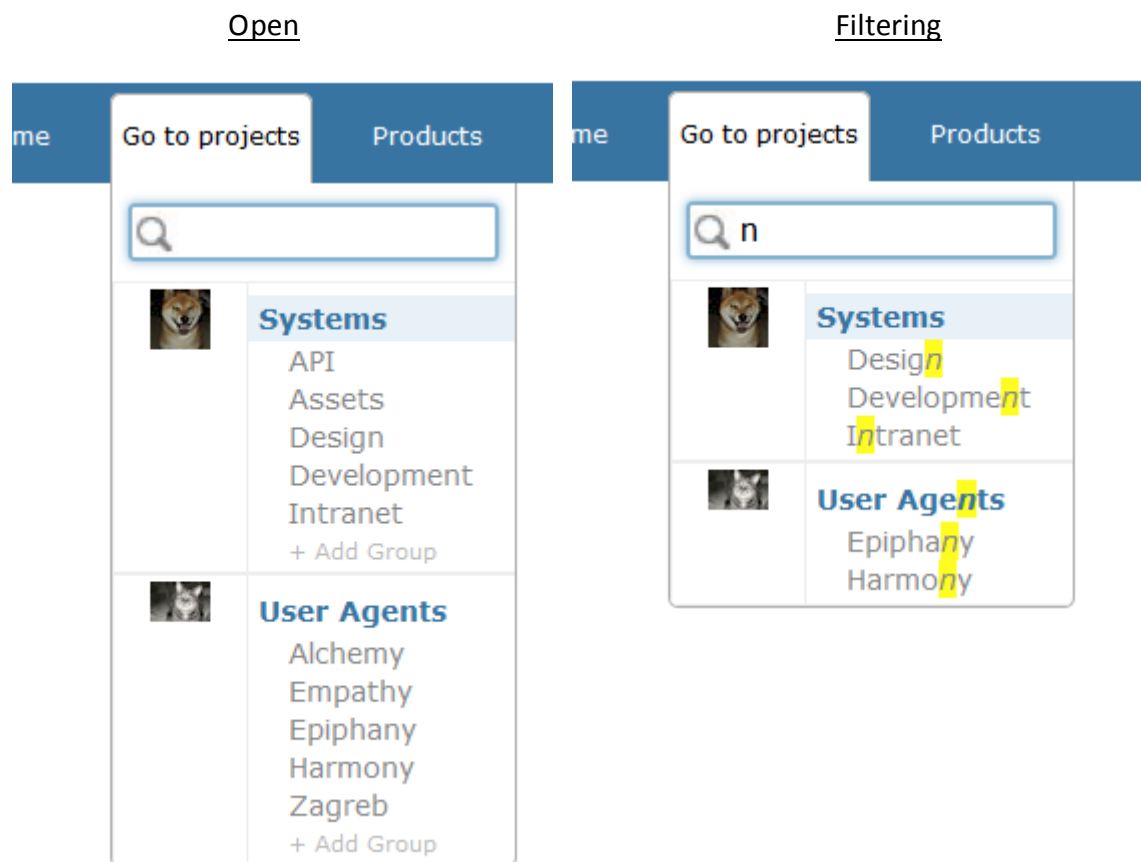# ITSI Javascript/front-end test

Assignment: Implement the component in Javascript, using jQuery, HTML and CSS. You are free to choose the relevant frameworks and structure.

Target browsers: Chrome, Firefox and IE11/Edge

Case: Users need to be able to switch between their project groups from the global navigation. It should provide an overview of the groups in relation to their global projects.

Visuals

<div align="center">Open   Filtering</div>

Requirements:

1. Filtering

      a. Users with many groups should be able to filter groups by a search query they type into a text input field. Match any string in group and project name.

      b. Search should ignore casing of group/project names.

      c. If user clears the search query, it should render all groups and projects.

d. If a **group** is matching the search query, its parent **project** should be visible, even if the query is not matching the project name.

e. After a search/filter has been completed, the first item (group or project) needs to be highlighted.

f. The matching part of the search query in the group/project name should be highlighted with a yellow colour (Google search style)

2. Keyboard navigation

a. Up/Down arrows should navigate up and down in the list, and move the highlighting of the active item.

b. Enter/Return should go to the link of the active element.

3. Scrolling behaviour (optional, bonus)

a. The component should have a max height of 80% of the viewport.

b. When the viewport is resized, the component should update its height

c. If the list of groups/projects is larger than the component height, an inline scrollbar is expected.

d. When using keyboard navigation it is expected that the scroll position (the scrollbar) is updated, so the active element is always visible.

JSON data

```
[{
    "id": 736,
    "name": "Systems",
    "image": {
        "link": "http://i.stack.imgur.com/8KA9j.jpg?s=32&g=1"
    },
    "groups": [
        {
            "id": 2168,
            "name": "API",
            "url": "https://wwww.itschools.co.za/api/"
        },
        {
            "id": 11955,
            "name": "Assets",
            "url": "https://wwww.itschools.co.za/assets/"
        },
        {
            "id": 3179,
            "name": "Design",
            "url": "https://wwww.itschools.co.za/design/"
        },
        {
            "id": 207,
            "name": "Development",
            "url": "https://wwww.itschools.co.za/development/"
        },
```

```json
            {
                "id": 70,

                "name": "Intranet",

                "url": "https://www.itschools.co.za/intranet/"

            }

        ],

        "url": "https://www.itschools.co.za/projects"

    },

    {

        "id": 44315,

        "name": "User Agents",

        "image": {

            "link":
"http://www.zerohedge.com/sites/default/files/pictures/picture-
5781.jpg"

        },

        "groups": [

            {

                "id": 191599,

                "name": "Alchemy",

                "url": "https://www.itschools.co.za/tools/alchemy"

            },

            {

                "id": 86822,

                "name": "Empathy",

                "url": "https://www.itschools.co.za/tools/empathy"

            },

            {

                "id": 86297,

                "name": "Epiphany",
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            "url": "https://wwww.itschools.co.za/tools/epiphany"
        },
        {
            "id": 131837,
            "name": "Harmony",
            "url": "https://wwww.itschools.co.za/tools/hamony"
        },
        {
            "id": 174338,
            "name": "Zagreb",
            "url": "https://wwww.itschools.co.za/tools/zagreb"
        }
    ],
    "url": "https://wwww.itschools.co.za/tools"
}]
```