



# Guidelines for Data Modification

## Interactive Department Map

### How to modify data in these JSON files?

#### 1. Choose the relevant JSON file for the floor

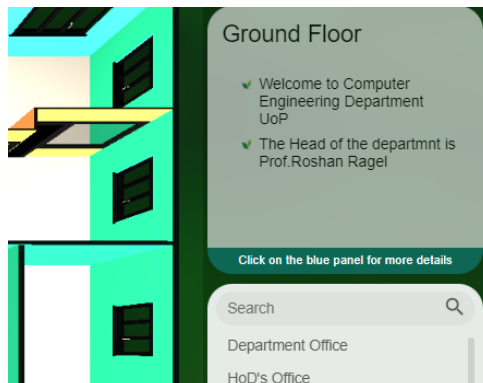
- Details displayed on the information panel of each floor have separate JSON files.
  - I. Gdata.json for the Ground Floor
  - II. F1data.json for the First Floor
  - III. F2data.json for the Second Floor
  - IV. F3data.json for the Third Floor
  - V. F4data.json for the Fourth Floor

#### 2. Find the element in the JSON file you want to change.

- Since already there are elements in the JSON file list that are linked with each and every room in the map new elements cannot be added to it and link it to a room.
- The only way is to find the relevant existing element in the JSON file by comparing the location ID (or name and other info) and then changing the corresponding data set as mentioned later in the document according to the categories.
- Each room has a unique location ID displayed on the more info panel. It can be used to identify the corresponding data set in the JSON files.
- Note: Do not change the order of the entries because it is connected to an array which is used for implementing navigating functionalities.

#### 3. Change the category as you want in the JSON file.

- Always the first block (**category 4**) represents the whole floor, not a specific room, and that information is displayed just after switching from one view to another. It can be modified as needed.



```
{  
  "category":4,  
  "id":"G-FLOOR",  
  "name" : "Ground Floor",  
  "data1": "Welcome to Computer Engineering Department UoP",  
  "data2": "The Head of the department is Prof. Roshan Ragel",  
  "data3": "This is a 5 storey building",  
  "data4": "This is the Fourth Floor",  
  "data5": "http://www.ce.pdn.ac.lk/"  
},
```

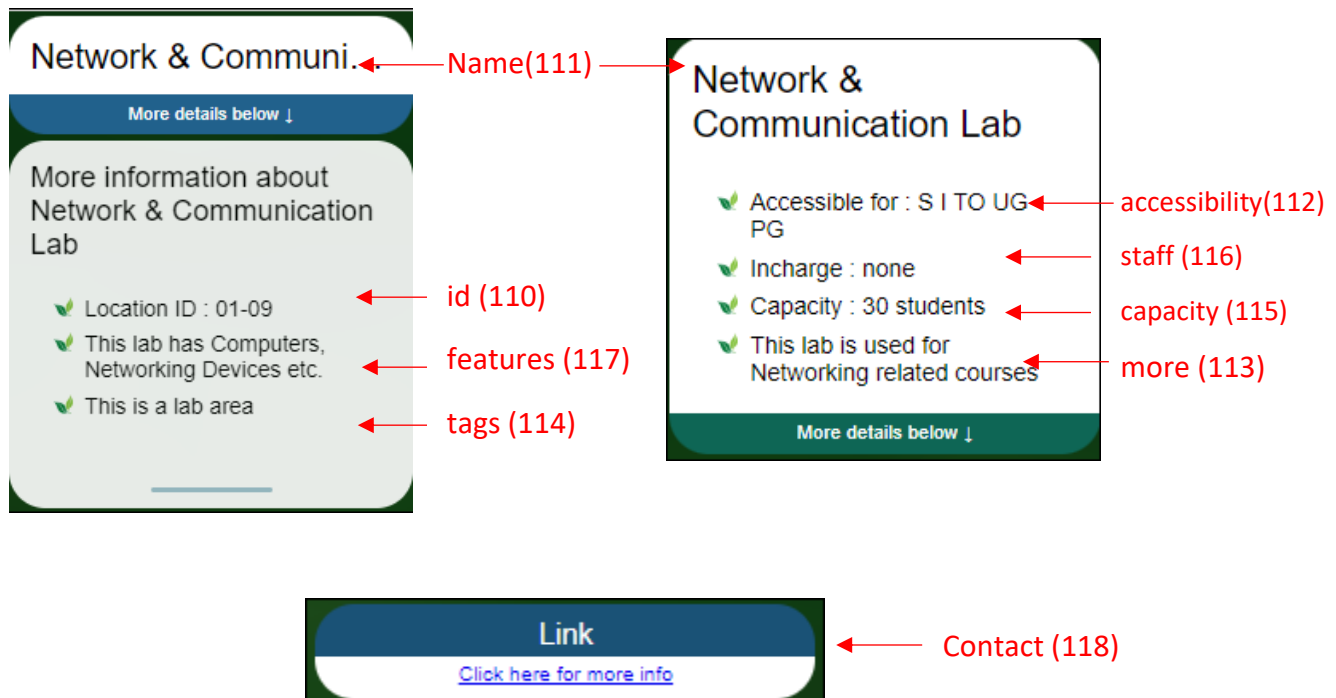
- According to the similarities of each room, key-value pair lists are given under 4 categories.
- Category can be changed according to the data to be shown on the info panel but make sure to use the corresponding key set to that new category.

## Category 1

```

109     "category":1,
110     "id":"01-09",
111     "name" : "Network & Communication Lab",
112     "accessibility": "S I TO UG PG",
113     "more": "This lab is used for Networking related courses",
114     "tags": "lab",
115     "capacity": "30",
116     "staff": "none",
117     "features": "This lab has Computers, Networking Devices etc.",
118     "contact": "https://ce.pdn.ac.lk/facilities/networking-lab"
119

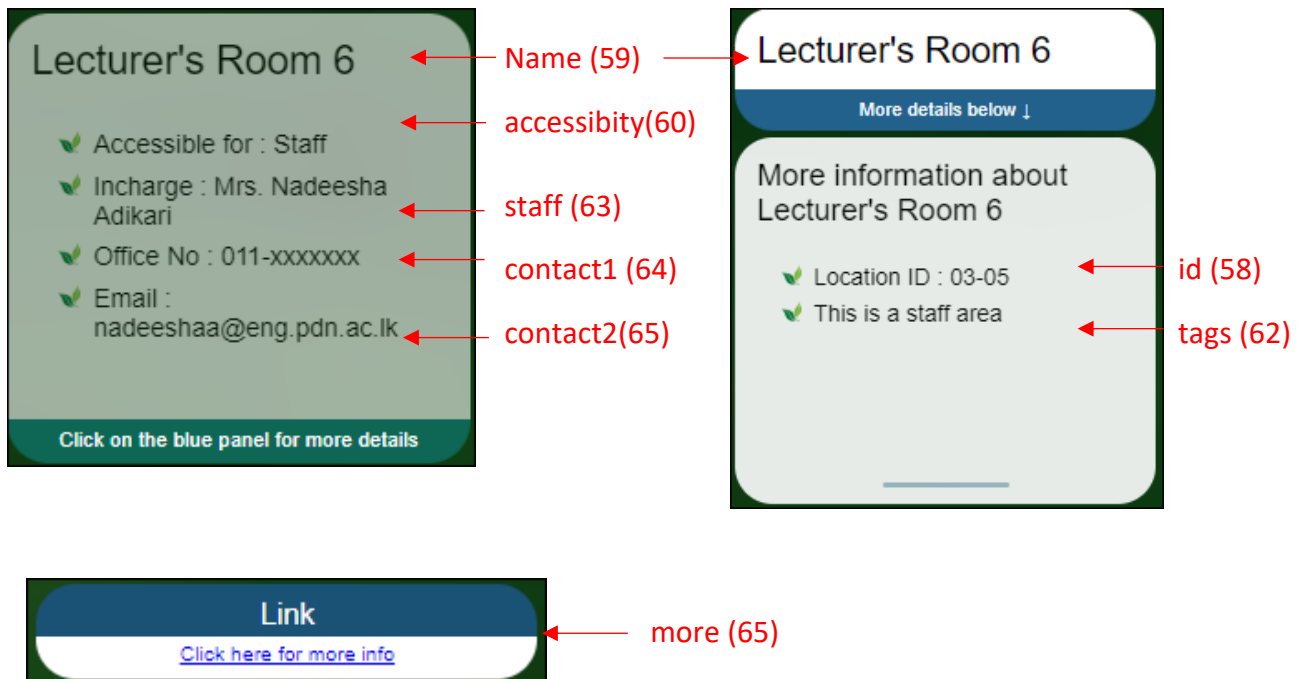
```



\*line numbers are mentioned in brackets.

## Category 2

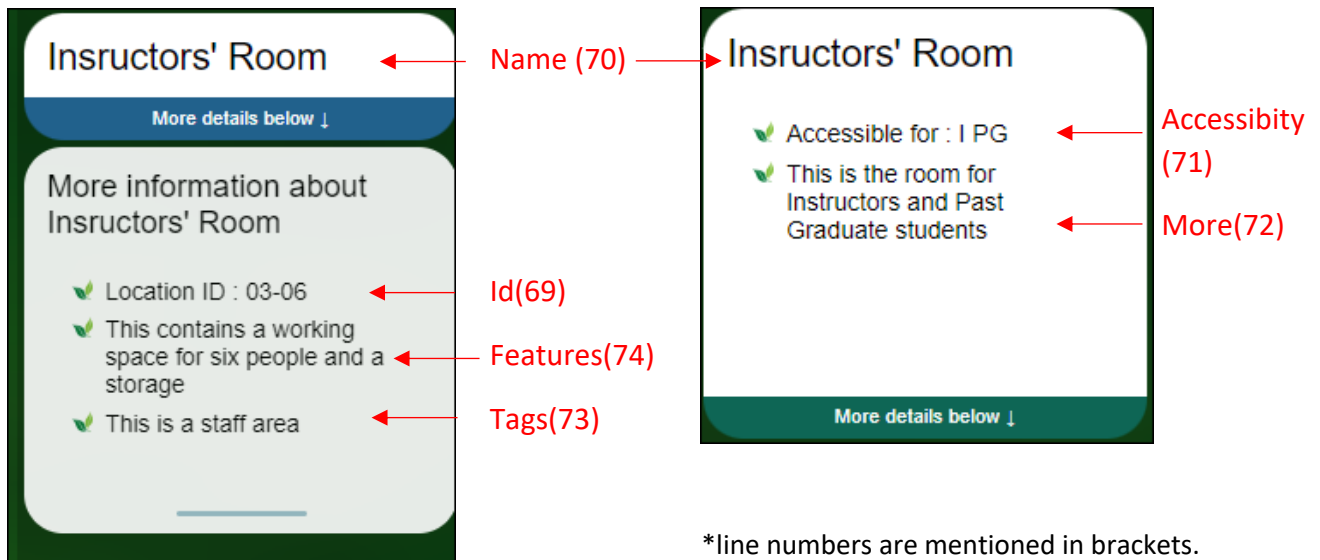
```
56      {
57          "category":2,
58          "id":"03-05",
59          "name" : "Lecturer's Room 6",
60          "accessibility": "Staff",
61          "more": "https://people.ce.pdn.ac.lk/staff/academic/nadeesha-adikari/",
62          "tags": "staff",
63          "staff": "Mrs. Nadeesha Adikari",
64          "contact1": "011-xxxxxxx",
65          "contact2": "nadeeshaa@eng.pdn.ac.lk"
66      },
```



\*line numbers are mentioned in brackets.

### Category 3

```
67     {
68         "category":3,
69         "id":"03-06",
70         "name" : "Insructors' Room",
71         "accessibility": "I PG",
72         "more": "This is the room for Instructors and Past Graduate students",
73         "tags": "staff",
74         "features": "This contains a working space for six people and a storage"
75     },
```



#### 4. Change the data in the JSON file.

- Add new data to the added key set in the above step.

#### 5. Update the new room name in html file (in html tag).

- Names in the navigating panels should also be updated. So, in the corresponding html file among html files (index.html, Floor1.html, Floor2.html, Floor3.html & Floor4.html) find the div element whose id is roomList.

html file of Floor 1 →

roomList

This is the element  
for Instructors'  
Room (update the  
name here)

```
Floor1.html X
Floor1.html > html > head > link
56 </button>
57 </div>
58 <div id="roomListContainer" class="roomListContainer_class">
59   <div id="roomList" class="roomList_class">
60     <div id="navigatingItem1" class="items" onclick="showPath(0)">Technical Officer's room</div>
61     <div id="navigatingItem2" class="items" onclick="showPath(1)">Instructors' Room</div>
62     <div id="navigatingItem3" class="items" onclick="showPath(2)">Lecturer's Room 1</div>
63     <div id="navigatingItem4" class="items" onclick="showPath(3)">Lecturer's Room 2</div>
64     <div id="navigatingItem5" class="items" onclick="showPath(4)">Lecturer's Room 3</div>
65     <div id="navigatingItem6" class="items" onclick="showPath(5)">Lecturer's Room 4</div>
66     <div id="navigatingItem7" class="items" onclick="showPath(6)">Lecturer's Room 5</div>
67     <div id="navigatingItem8" class="items" onclick="showPath(7)">Lecturer's Room 6</div>
68     <div id="navigatingItem9" class="items" onclick="showPath(8)">Network Engineering Lab</div>
69     <div id="navigatingItem10" class="items" onclick="showPath(9)">Corridor</div>
70     <div id="navigatingItem11" class="items" onclick="showPath(10)">Main Room</div>
71     <div id="navigatingItem12" class="items" onclick="showPath(11)">Operator-room</div>
72     <div id="navigatingItem13" class="items" onclick="showPath(12)">Lift</div>
73     <div id="navigatingItem14" class="items" onclick="showPath(13)">Computer Laboratory 2</div>
74   </div>
75 </div>
```

- There are div elements inside that tag for each and every room. Room names are mentioned there. Otherwise, you can find the correct element using the div id <navigatingItem><index of the room inside the JSON file>. Using either of them corresponding navigatingItem can be identified.

JSON file of Floor 1 →

<index of the  
room inside the  
JSON file> → 0

<index of the  
room inside the  
JSON file> → 1

This is the element for  
Instructors' Room

<index of the  
room inside the  
JSON file> → 2

```
F1data.json X
json > F1data.json > ...
1 [
2   {
3     "category":4,
4     "id":"01-FLOOR",
5     "name" : "First Floor",
6     "data1": "Welcome to Computer Engineering Department UoP",
7     "data2": "The Head of the department is Prof.Roshan Ragel",
8     "data3": "This is a 5 storey building",
9     "data4": "This is the First Floor",
10    "data5": "http://www.ce.pdn.ac.lk/"
11  },
12  {
13    "category":3,
14    "id":"01-01",
15    "name" : "Technical Officer's room",
16    "accessibility": "To",
17    "more": "This room is used by Technical officer and assistant",
18    "tags": "staff",
19    "features": "This belongs to first Floor"
20  },
21  {
22    "category":3,
23    "id":"01-02",
24    "name" : "Instructors' Room",
25    "accessibility": "I PG",
26    "more": "This is the room for Instructors and Past Graduate students",
27    "tags": "staff",
28    "features": "This contains a working space for four"
29  },
30  {
31    "category":2,
32    "id":"01-03",
33    "name" : "Lecturer's Room 1",
34    "accessibility": "To",
35    "more": "This room is used by Lecturer and assistant",
36    "tags": "staff",
37    "features": "This belongs to first Floor"
38  },
39  {
40    "category":2,
41    "id":"01-04",
42    "name" : "Lecturer's Room 2",
43    "accessibility": "To",
44    "more": "This room is used by Lecturer and assistant",
45    "tags": "staff",
46    "features": "This belongs to first Floor"
47  },
48  {
49    "category":2,
50    "id":"01-05",
51    "name" : "Lecturer's Room 3",
52    "accessibility": "To",
53    "more": "This room is used by Lecturer and assistant",
54    "tags": "staff",
55    "features": "This belongs to first Floor"
56  },
57  {
58    "category":2,
59    "id":"01-06",
60    "name" : "Lecturer's Room 4",
61    "accessibility": "To",
62    "more": "This room is used by Lecturer and assistant",
63    "tags": "staff",
64    "features": "This belongs to first Floor"
65  },
66  {
67    "category":2,
68    "id":"01-07",
69    "name" : "Lecturer's Room 5",
70    "accessibility": "To",
71    "more": "This room is used by Lecturer and assistant",
72    "tags": "staff",
73    "features": "This belongs to first Floor"
74  },
75  {
76    "category":2,
77    "id":"01-08",
78    "name" : "Lecturer's Room 6",
79    "accessibility": "To",
80    "more": "This room is used by Lecturer and assistant",
81    "tags": "staff",
82    "features": "This belongs to first Floor"
83  },
84  {
85    "category":2,
86    "id":"01-09",
87    "name" : "Network Engineering Lab",
88    "accessibility": "To",
89    "more": "This room is used by Network Engineering students",
90    "tags": "staff",
91    "features": "This belongs to first Floor"
92  },
93  {
94    "category":2,
95    "id":"01-10",
96    "name" : "Corridor",
97    "accessibility": "To",
98    "more": "This room is used by staff",
99    "tags": "staff",
100   "features": "This belongs to first Floor"
101  },
102  {
103    "category":2,
104    "id":"01-11",
105    "name" : "Main Room",
106    "accessibility": "To",
107    "more": "This room is used by staff",
108    "tags": "staff",
109    "features": "This belongs to first Floor"
110  },
111  {
112    "category":2,
113    "id":"01-12",
114    "name" : "Operator-room",
115    "accessibility": "To",
116    "more": "This room is used by staff",
117    "tags": "staff",
118    "features": "This belongs to first Floor"
119  },
120  {
121    "category":2,
122    "id":"01-13",
123    "name" : "Lift",
124    "accessibility": "To",
125    "more": "This room is used by staff",
126    "tags": "staff",
127    "features": "This belongs to first Floor"
128  },
129  {
130    "category":2,
131    "id":"01-14",
132    "name" : "Computer Laboratory 2",
133    "accessibility": "To",
134    "more": "This room is used by staff",
135    "tags": "staff",
136    "features": "This belongs to first Floor"
137  }
138 ]
```

- Then you have to update the name of the room there in the html file.

## 6. Update the new room name in html file (in java script tag).

- In the above found html file, you can find a list called 'buildingIDList' inside a javascript tag.
- It is a list of lists. In each list element, second element is the <index of the room inside the JSON file>. Using that or, using the name of the room, list which has to be changed can be found.

html file of Floor 1
This is the element for Instructors' Room (update the name here)

```

192 var activebuttons = 0; //This indicates whether button controls are active or not
193
194 //Navigating bars, ids and the names of the rooms
195 var buildingIDList = [
196   ["Technical Officer's room",1,[1,2,3,5]],
197   ["Instructors' Room",2,[1,6,7,10]],
198   ["Lecturer's Room 1",3,[1,6,7,8]],
199   ["Lecturer's Room 2",4,[1,6,7,8]],
200   ["Lecturer's Room 3",5,[1,6,7,8]]
201 ];
202 //List of navigating items in the navigating panel
203 var navigatingItemList = ["navigatingItem1","navigatingItem2","navigatingItem3","navigatingItem4","navigatingItem5","navigatingItem6","navigatingItem7","navigatingItem8","navigatingItem9","navigatingItem10","navigatingItem11","navigatingItem12","navigatingItem13","navigatingItem14","navigatingItem15","navigatingItem16","navigatingItem17","navigatingItem18","navigatingItem19","navigatingItem20","navigatingItem21","navigatingItem22","navigatingItem23","navigatingItem24","navigatingItem25","navigatingItem26","navigatingItem27","navigatingItem28","navigatingItem29","navigatingItem30","navigatingItem31","navigatingItem32","navigatingItem33","navigatingItem34","navigatingItem35","navigatingItem36","navigatingItem37","navigatingItem38","navigatingItem39","navigatingItem40","navigatingItem41","navigatingItem42","navigatingItem43","navigatingItem44","navigatingItem45","navigatingItem46","navigatingItem47","navigatingItem48","navigatingItem49","navigatingItem50","navigatingItem51","navigatingItem52","navigatingItem53","navigatingItem54","navigatingItem55","navigatingItem56","navigatingItem57","navigatingItem58","navigatingItem59","navigatingItem60","navigatingItem61","navigatingItem62","navigatingItem63","navigatingItem64","navigatingItem65","navigatingItem66","navigatingItem67","navigatingItem68","navigatingItem69","navigatingItem70","navigatingItem71","navigatingItem72","navigatingItem73","navigatingItem74","navigatingItem75","navigatingItem76","navigatingItem77","navigatingItem78","navigatingItem79","navigatingItem80","navigatingItem81","navigatingItem82","navigatingItem83","navigatingItem84","navigatingItem85","navigatingItem86","navigatingItem87","navigatingItem88","navigatingItem89","navigatingItem90","navigatingItem91","navigatingItem92","navigatingItem93","navigatingItem94","navigatingItem95","navigatingItem96","navigatingItem97","navigatingItem98","navigatingItem99","navigatingItem100"];
204
205 </script>
206 <script src="commonContent.js"></script>
  
```

BuildingIDList

- Then you have to update the name of the room there.

## Contact us - Group 06

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