Guidelines for Data Modification
Interactive Department Map

How to modify data in these JSON files?

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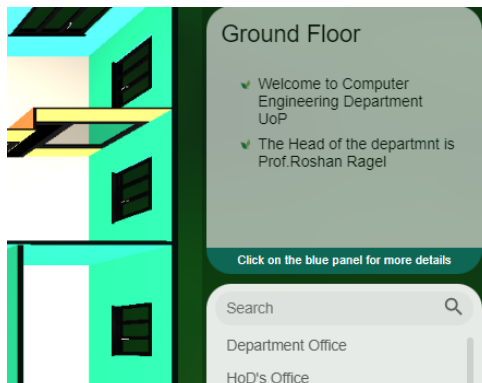
   - Details displayed on the information panel of each floor have separate JSON files.
     - I.   Gdata.json for the Ground Floor
     - II.   F1data.json for the First Floor
     - III. F2data.json for the Second Floor
     - IV.   F3data.json for the Third Floor
     - V.   F4data.json for the Fourth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

   - 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 departmnt is Prof.Roshan Ragel",
    "data3":"This is a 5 storey building",
    "data4":"This is the Fourth Floor",
    "data5":"http://www.ce.pdn.ac.lk/"
},
```
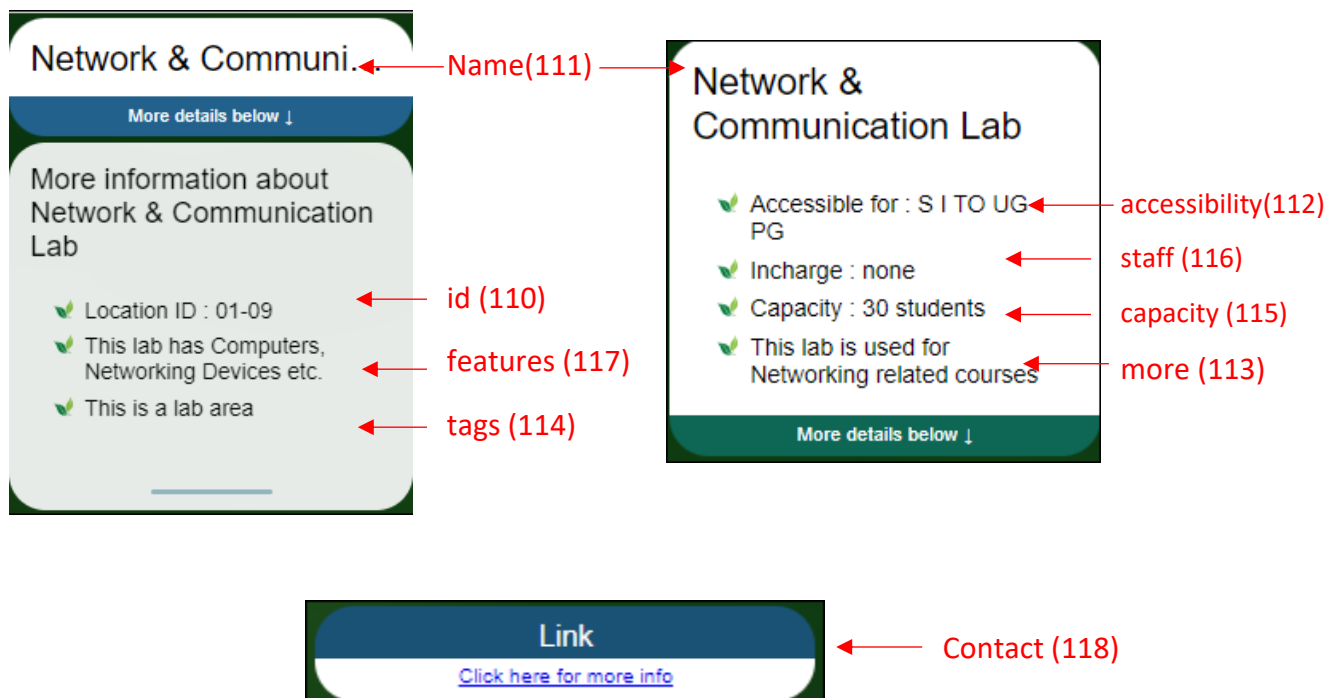
- According to the similarities of each room, key-value pair lists are given under 4 categories.
- Category can be changed according to the data to be shown on the info panel but make sure to use the corresponding key set to that new category.

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
```
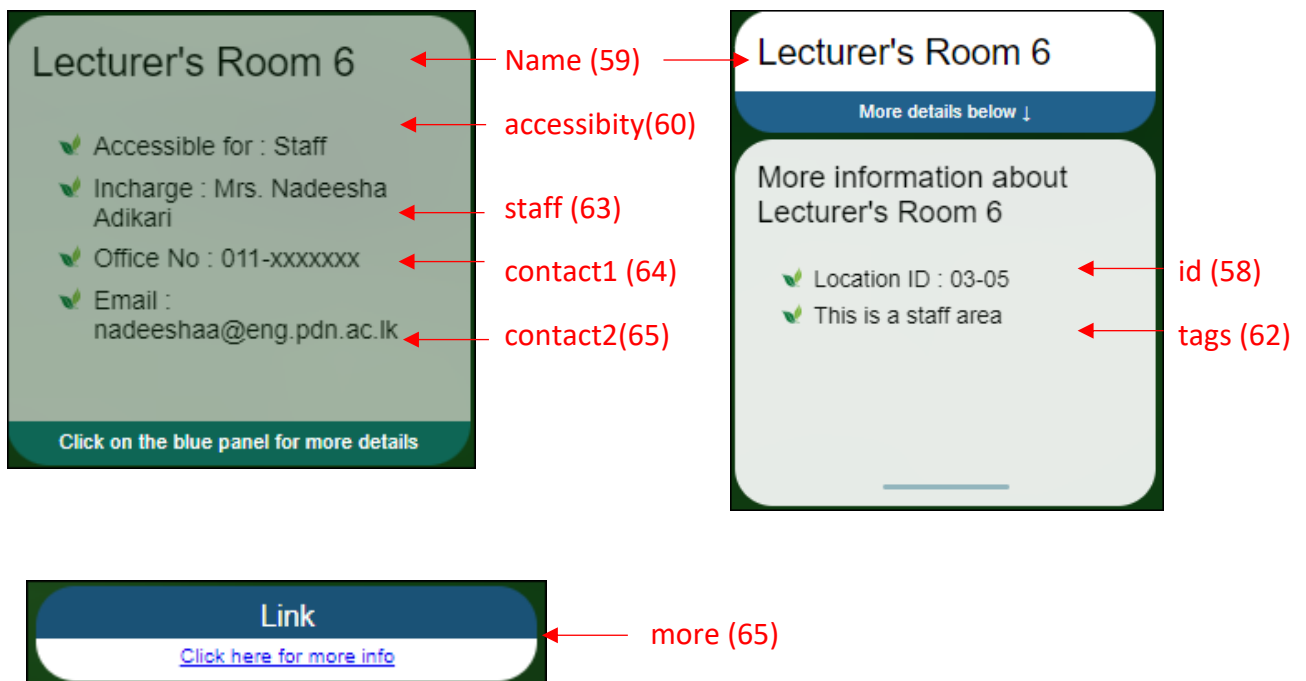
Network & Communi... ← Name(111) → Network & Communication Lab

More details below ↓

More information about Network & Communication Lab

✔ Accessible for : S I TO UG PG ← accessibility(112)
✔ Incharge : none ← staff (116)
✔ Capacity : 30 students ← capacity (115)
✔ This lab is used for Networking related courses ← more (113)

✔ Location ID : 01-09 ← id (110)
✔ This lab has Computers, Networking Devices etc. ← features (117)
✔ This is a lab area ← tags (114)

More details below ↓

Link
Click here for more info ← Contact (118)

*line numbers are mentioned in brackets.
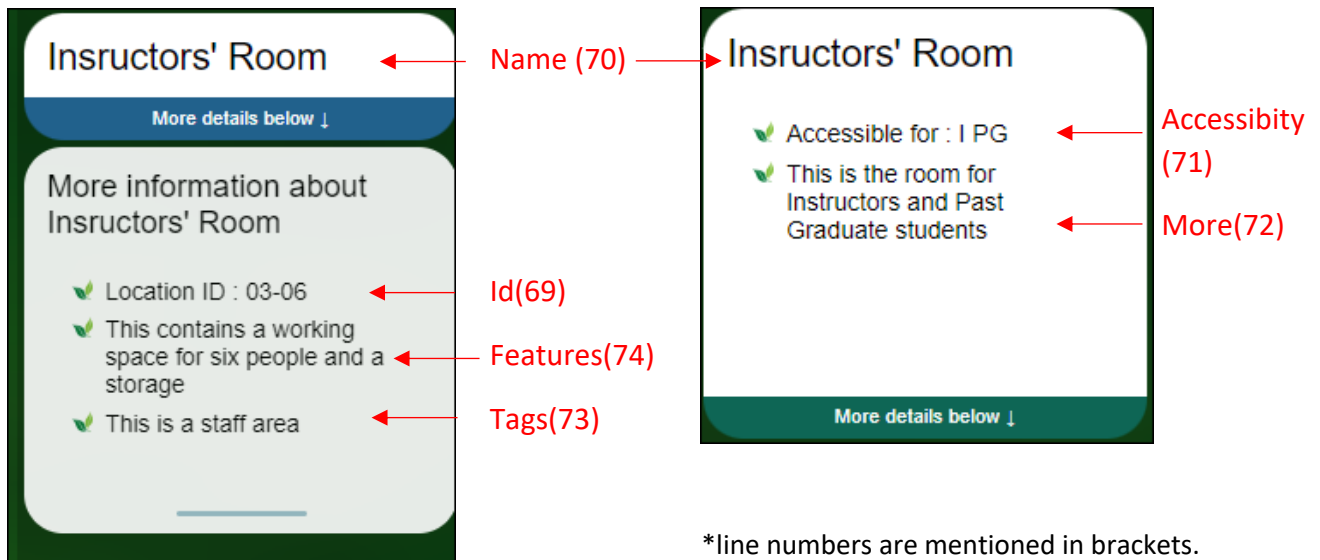
2

Category 2

```json
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    },
```

Lecturer's Room 6

🌱 Accessible for : Staff
🌱 Incharge : Mrs. Nadeesha Adikari
🌱 Office No : 011-xxxxxxx
🌱 Email : nadeeshaa@eng.pdn.ac.lk

Click on the blue panel for more details

Name (59)
accessibity(60)
staff (63)
contact1 (64)
contact2(65)

Lecturer's Room 6

More details below ↓

More information about Lecturer's Room 6

🌱 Location ID : 03-05
🌱 This is a staff area

id (58)
tags (62)

Link

Click here for more info

more (65)

*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      },
```


Name (70)

Accessibity (71)

More(72)

Id(69)

Features(74)

Tags(73)

*line numbers are mentioned in brackets.

4. **Change the data.**

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

Contact us - Group 06

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