

```
[
  {
    "id":1,
    "createdByldt":"U001",
    "level1":[
      {
        "projectId":1,
        "level2":[
          {
            "title":"title 1",
            "level3":[
              {
                "createdByldt":"U001",
                "userInChargeIdt":"U001",
                "level4a":[],
                "level4b":[]
              }
            ]
          },
          {
            "title":"title 2",
            "level3":[]
          }
        ],
        "members1":["U001"]
      },
      {
        "projectId":2,
        "level2":[
          {
            "title":"title 6",
            "level3":[
              {
                "createdByldt":"U001",
                "userInChargeIdt":"U002",
                "level4a":[],
                "level4b":[]
              }
            ]
          },
          {
            "title":"title 4",
            "level3":[]
          }
        ],
        "members1":["U001"]
      }
    ]
  },
  ]
```

```
"members1":["U002"],
"members2":[]
},
{
  "id":1,
  "createdByldt":"U002",
  "level1":[
    {
      "projectldt":11,
      "level2":[
        {
          "title":"title 11",
          "level3":[
            {
              "createdByldt":"U001",
              "userInChargeldt":"U001",
              "level4a":[],
              "level4b":[]
            }
          ]
        },
        {
          "title":"title 12",
          "level3":[]
        }
      ],
      "members1":["U001"]
    },
    {
      "projectldt":12,
      "level2":[
        {
          "title":"title 16",
          "level3":[
            {
              "createdByldt":"U001",
              "userInChargeldt":"U001",
              "level4a":[],
              "level4b":[]
            }
          ]
        },
        {
          "title":"title 14",
          "level3":[]
        }
      ],
      "members1":["U002"]
    }
  ]
}
```

```
    }
  ],
  "members1":["U001","U002"],
  "members2":[]
}
]
```

keep only level1->level2->level3-> "userInChargeIdt":"U001"

Result:

```
[
  {
    "id":1,
    "createdByIdt":"U001",
    "level1":[
      {
        "projectId":1,
        "level2":[
          {
            "title":"title 1",
            "level3":[
              {
                "createdByIdt":"U001",
                "userInChargeIdt":"U001",           ← ok we keep this
                "level4a":[],
                "level4b":[]
              }
            ]
          },
          {
            "title":"title 2",
            "level3":[]
          }
        ],
        "members1":["U001"]
      },
      {
        "projectId":2,
        "level2":[
          {
            "title":"title 6",
            "level3":[
              {
                "createdByIdt":"U001",
                "userInChargeIdt":"U002",           ← delete this part
                "level4a":[],
                "level4b":[]
              }
            ]
          }
        ]
      }
    ]
  }
]
```

```

    ]
  },
  {
    "title":"title 4",
    "level3":[]
  }
],
"members1":["U001"]
}
],
"members1":["U002"],
"members2":[]
},
{
  "id":1,
  "createdByldt":"U002",
  "level1":[
    {
      "projectldt":11,
      "level2":[
        {
          "title":"title 11",
          "level3":[
            {
              "createdByldt":"U001",
              "userInChargeIdt":"U001",
              "level4a":[],
              "level4b":[]
            }
          ]
        }
      ],
    },
    {
      "title":"title 12",
      "level3":[]
    }
  ],
  "members1":["U001"]
},
{
  "projectldt":12,
  "level2":[
    {
      "title":"title 16",
      "level3":[
        {
          "createdByldt":"U001",
          "userInChargeIdt":"U001",
          "level4a":[],

```

← ok we keep this

```

        "level4b":[]
    }
]
},
{
    "title":"title 14",
    "level3":[]
}
],
"members1":["U002"]
}
],
"members1":["U001","U002"],
"members2":[]
}
]

```

Keep keep only level1->level2-> " members1" includes "U001"

```

[
{
    "id":1,
    "createdByldt":"U001",
    "level1":[
    {
        "projectldt":1,
        "level2":[
        {
            "title":"title 1",
            "level3":[
            {
                "createdByldt":"U001",
                "userInChargeIdt":"U001",
                "level4a":[],
                "level4b":[]
            }
        ]
        },
    ],
    "members1":["U001"]           ←keep this one
},
{
    "projectldt":2,
    "level2":[

```

```
{
  "title":"title 6",
  "level3":[
    {
      "createdByldt":"U001",
      "userInChargeIdt":"U002",
      "level4a":[],
      "level4b":[]
    }
  ]
},
{
  "title":"title 4",
  "level3":[]
}
],
"members1":["U001"]      ← keep this one
}
],
"members1":["U002"],
"members2":[]
},
{
  "id":1,
  "createdByldt":"U002",
  "level1":[
    {
      "projectId":11,
      "level2":[
        {
          "title":"title 11",
          "level3":[
            {
              "createdByldt":"U001",
              "userInChargeIdt":"U001",
              "level4a":[],
              "level4b":[]
            }
          ]
        }
      ],
    },
    {
      "title":"title 12",
      "level3":[]
    }
  ],
  "members1":["U001"]      ← keep this one
},
{
```

```
"projectId":12,
"level2":[
  {
    "title":"title 16",
    "level3":[
      {
        "createdByIdt":"U001",
        "userInChargeIdt":"U001",
        "level4a":[],
        "level4b":[]
      }
    ]
  },
  {
    "title":"title 14",
    "level3":[]
  }
],
"members1":["U002"] ← delete
},
"members1":["U001","U002"],
"members2":[]
}
]
```