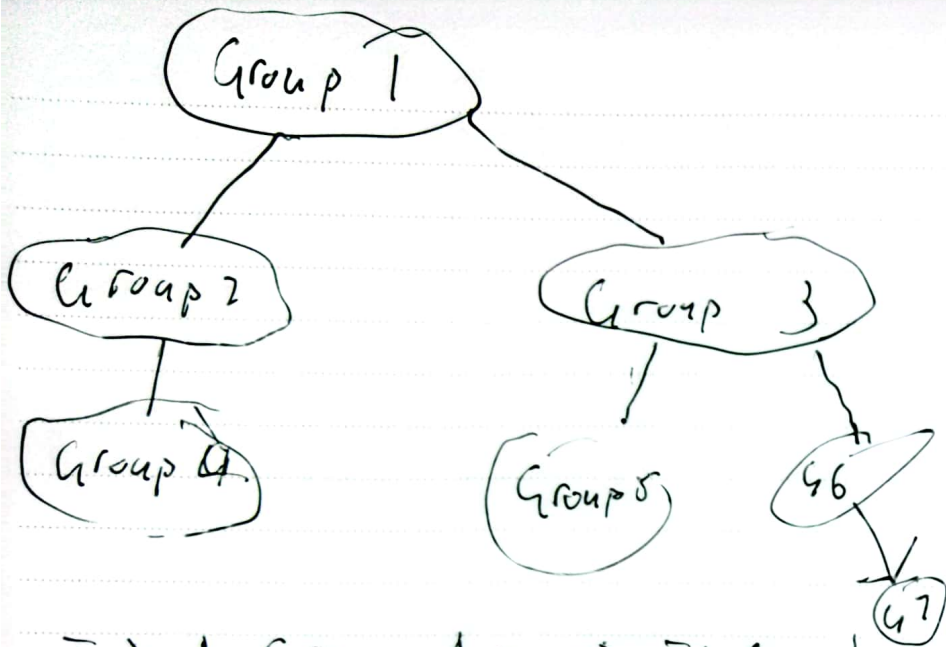


ID | Parent | Group | Firmware



ID	Group	Parent-ID-Group

ID	Group	Device	Firmware

Device | Firmware



Group 1

Device 1, 2

Group 2

Device 3

Group 3

Device 4

Group 4

Device 5, 6

Group 5

Device 7

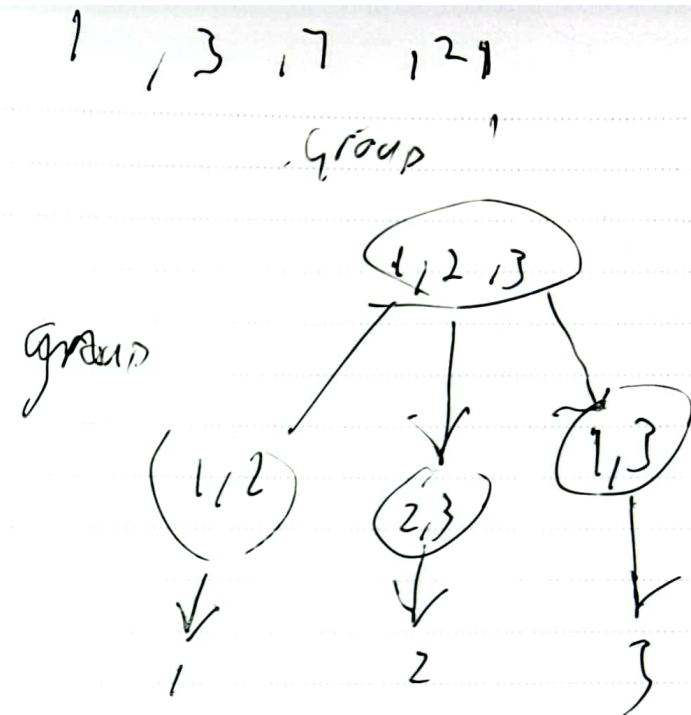
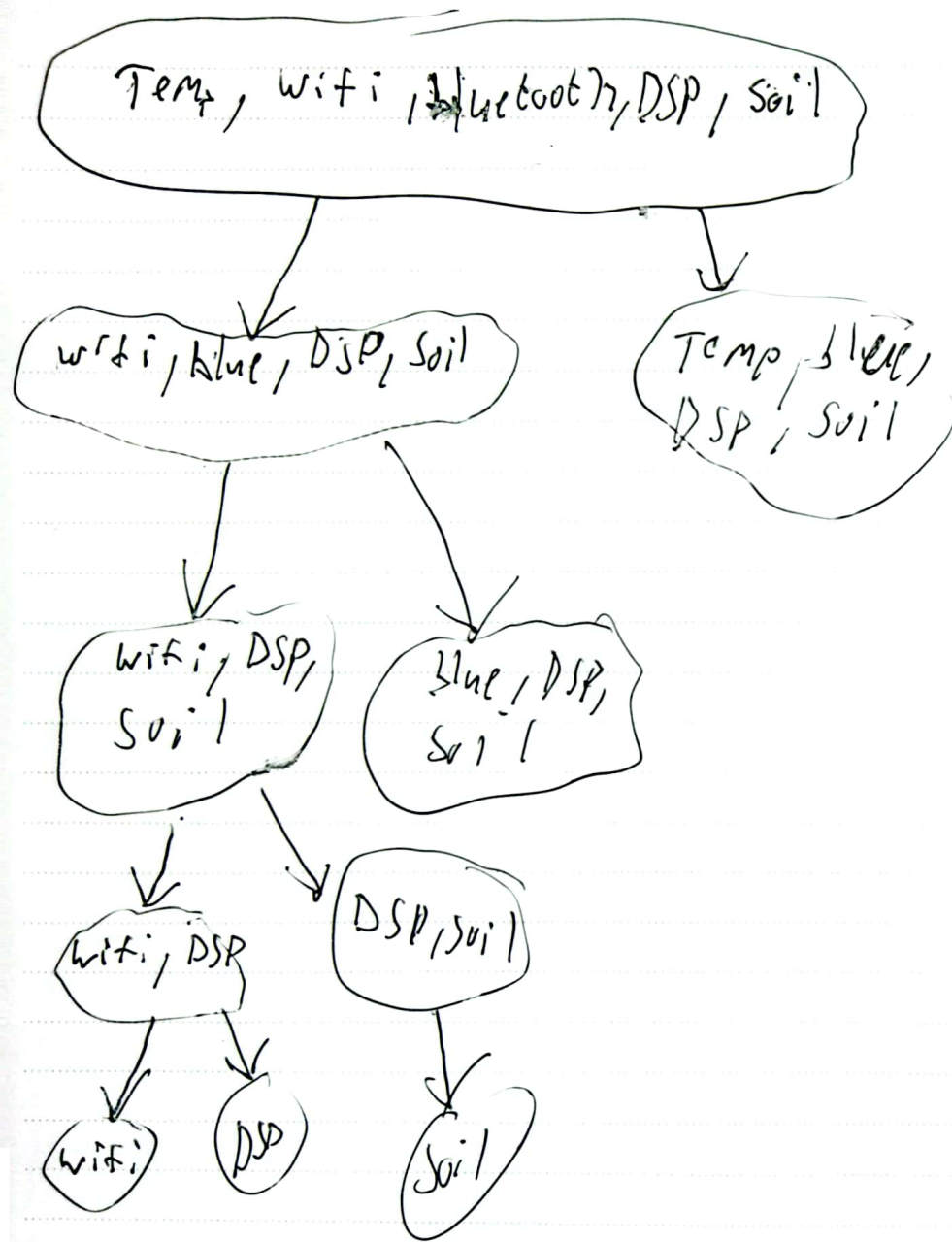
Group 6

Device 8

Group 7

Device 9, 10





1, 2, 3, 4

1, 2, 4	1, 2, 3	2, 3, 4	1, 3, 4
6	6	6	6
		24+	29

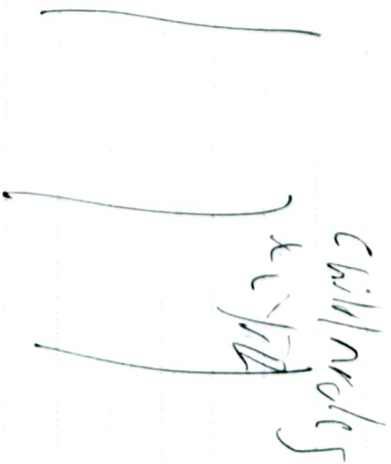


create / check



Group 3

Points



$R_{100} = 1.95$

while (true)

foreach (var item in g)

{ if item.parent.ID = ~~parent~~ ^{FD}

{ s.add(item.ID);
flag = true }

}

if (flag == false)

{ break }

else { ID

length

join

children

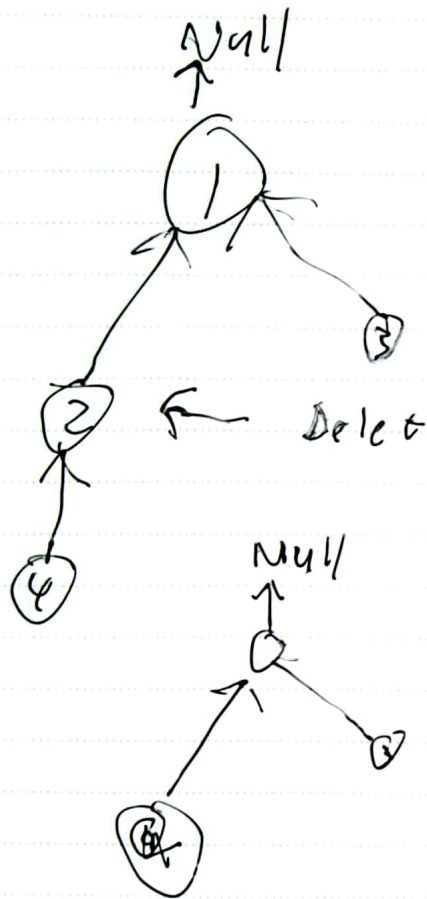
on create

check if parent ID

exists in ID

data ~~parent~~ ^{data}
does not reset after
delete

On delete



Null parent. Node can't be deleted.

all ~~children~~ children of 2 point to its parent

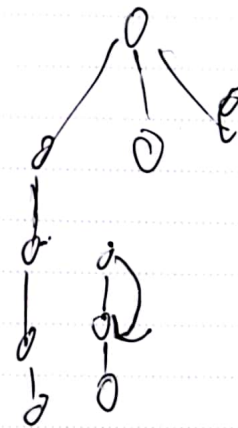


root node can't be deleted, no. new root node can be added.

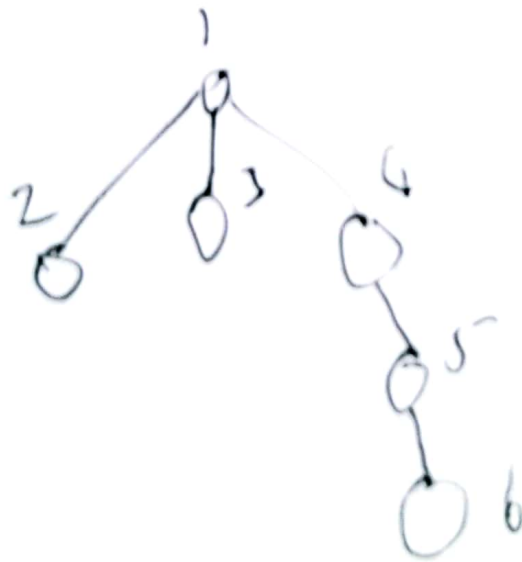
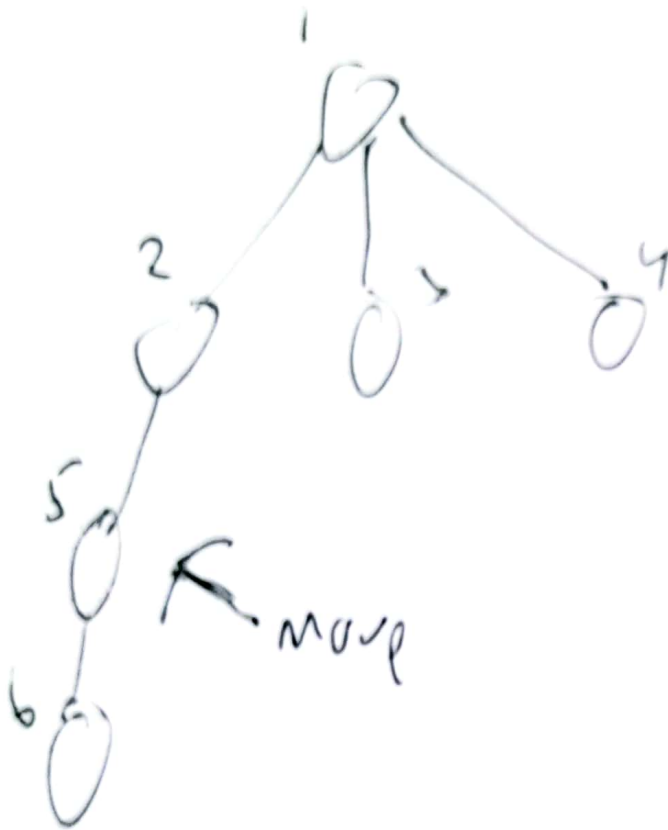
get parent ID ✓

Attach devices to top Node.

Group child group to for Node.



On edit



not singular

for singular
move branch delete node

