

(Duration: **any** - upload to Github by **your account**)

NOTE: If you have any questions, contact me via luc.le@coe.surbana.tech

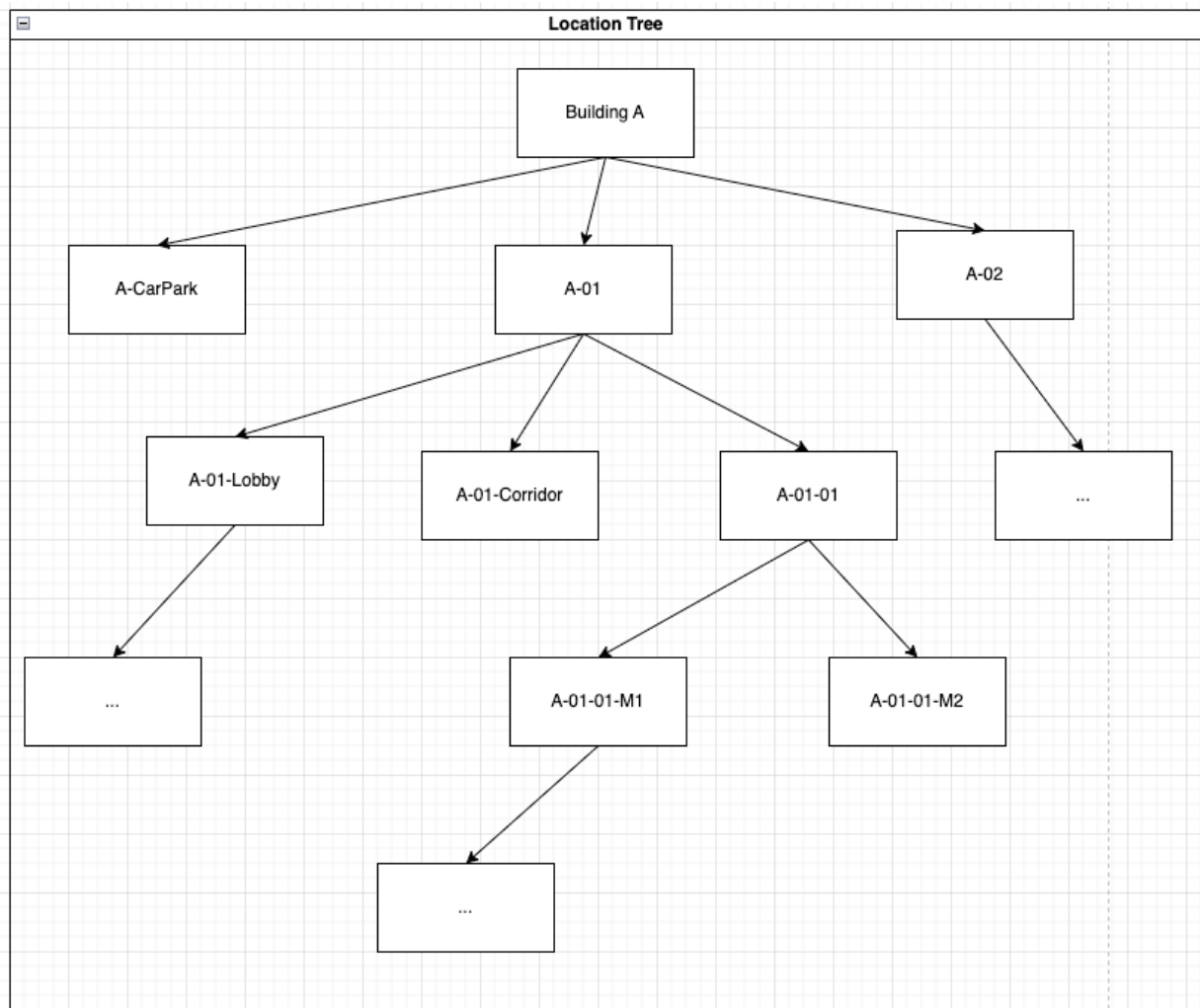
Background: There is an example data in below

Building	Location Name	Location Number	Area
A	Car Park	A-CarPark	80.620 m ²
A	Level 1	A-01	100.920 m ²
A	Lobby Level1	A-01-Lobby	80.620 m ²
A	Master Room	A-01-01	50.110 m ²
A	Meeting Room 1	A-01-01-M1	20.110 m ²
A	Corridor Level 1	A-01-Corridor	30.200 m ²
A	Toilet Level 1	A-01-02	30.200 m ²
B	Level 5	B-05	150.000 m ²
B	Utility Room	B-05-11	10.200 m ²
B	Sanitary Room	B-05-12	12.200 m ²
B	Male Toilet	B-05-13	30.200 m ²
B	Genset Room	B-05-14	35.200 m ²
B	Pantry Level 5	B-05-15	50.200 m ²
B	Corridor Level 5	B-05-Corridor	30.000 m ²
...

1. Business requirements: Build a simple restful API system (**just Backend, no requires frontend**) to **allow users able to CRUD locations**.

2. Technical requirements:

- Database design: have to support [the address location tree](#) (PostgreSQL + TypeORM require).



- Build with **NodeJS** (**NestJS** (<https://docs.nestjs.com>) + **TypeScript**).
- Validation request
- Handle exception.
- Implement Logging.
- Clean code and documentation for your project.