

# FIT2094 Assignment 1B Design Portfolio

Name: Ooi Yu Zhang

Student ID: 32713339

## PROPERTY INSURANCE HISTORY REPORT

### UNF

PROPERTY(owner\_no, owner\_givname, owner\_famname, owner\_address, prop\_no, prop\_address, prop\_value, prop\_yearbuilt, prop\_fullyfurnished, (insurer\_code, insurer\_name, policy\_startdate, policy\_length, policy\_type\_code, policy\_type\_desc))

### 1NF

PROPERTY(owner\_no, owner\_givname, owner\_famname, owner\_address, prop\_no, prop\_address, prop\_value, prop\_yearbuilt, prop\_fullyfurnished)

POLICY(prop\_no, insurer\_code, insurer\_name, policy\_startdate, policy\_length, policy\_type\_code, policy\_type\_desc)

### Partial Dependencies:

policy\_type\_code -> policy\_type\_desc

### 2NF

PROPERTY(owner\_no, owner\_givname, owner\_famname, owner\_address, prop\_no, prop\_address, prop\_value, prop\_yearbuilt, prop\_fullyfurnished)

POLICY(prop\_no, insurer\_code, insurer\_name, policy\_startdate, policy\_length, policy\_type\_code)

POLICY\_TYPE(policy\_type\_code, policy\_type\_desc)

**Transitive Dependencies:**

owner\_no -> owner\_givname, owner\_famname, owner\_address

**3NF**

OWNER(owner\_no, owner\_givname, owner\_famname, owner\_address)

PROPERTY(prop\_no, prop\_address, prop\_value, prop\_yearbuilt,  
prop\_fullyfurnished)

POLICY(prop\_no, insurer\_code, insurer\_name, policy\_startdate, policy\_length,  
policy\_type\_code)

POLICY\_TYPE(policy\_type\_code, policy\_type\_desc)

**Full Dependencies:**

owner\_no -> owner\_givname, owner\_famname, owner\_address

prop\_no -> prop\_address, prop\_value, prop\_yearbuilt, prop\_fully furnished

prop\_no, policy\_startdate, policy\_type\_code -> insurer\_code, insurer\_name,  
policy\_length

policy\_type\_code -> policy\_type\_desc