## FIT2094 Assignment 1B Design Portfolio

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# PROPERTY INSURANCE HISTORY REPORT UNF

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

POLICY(<u>prop\_no</u>, <u>insurer\_code</u>, insurer\_name, <u>policy\_startdate</u>, policy\_length, policy\_type\_code, policy\_type\_desc)

## **Partial Dependencies:**

insurer\_code -> insurer\_name

#### 2NF

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

POLICY(<u>prop no</u>, <u>insurer code</u>, <u>policy startdate</u>, <u>policy\_length</u>, <u>policy\_type\_code</u>, policy\_type\_desc)

INSURER(insurer code, insurer\_name)

## **Transitive Dependencies:**

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

#### 3NF

OWNER(<u>owner\_no</u>, owner\_givname, owner\_famname, owner\_address)

PROPERTY(<u>prop\_no</u>, prop\_address, prop\_value, prop\_yearbuilt, prop\_furnished)

POLICY(<u>prop\_no</u>, <u>insurer\_code</u>, <u>policy\_startdate</u>, policy\_length, <u>policy\_type\_code</u>, policy\_type\_desc)

INSURER(insurer\_code, insurer\_name)

### **Full Dependencies:**

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

prop\_no -> prop\_address, prop\_value, prop\_yearbuilt, prop\_furnished

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

insurer\_code -> insurer\_name