

# 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\_code, policy\_type))

### 1NF

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

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

Partial Dependencies:

policy\_startdate -> policy\_length, policy\_code, policy\_type

### 2NF

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

INSURER(prop\_no, insurer\_code, insurer\_name)

POLICY(policy\_startdate, policy\_length, policy\_code, policy\_type)

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\_furnished)

INSURER(prop\_no, insurer\_code, insurer\_name)

POLICY(policy\_startdate, policy\_length, policy\_code, policy\_type)

Full Dependencies:

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

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

prop\_no, insurer\_code -> insurer\_name

policy\_startdate -> policy\_length, policy\_code, policy\_type