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(prop_no, insurer_code, insurer_name, policy_startdate, 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(prop_no, insurer_code, policy_startdate, policy_length, policy_type_code, 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, insurer_code, policy_startdate</u>, policy_length, <u>policy_type_code</u>, policy_type_desc)

INSURER(<u>insurer_code,</u> 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