

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

insurer_code -> insurer_name

3NF

OWNER(owner_no, owner_givname, owner_famname, owner_address)

PROPERTY(prop_no, prop_address, prop_value, prop_yearbuilt,
prop_fullyfurnished)

POLICY(prop_no, policy_startdate, policy_length, policy_type_code)

POLICY_TYPE(policy_type_code, 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_fully furnished

prop_no, policy_startdate, policy_type_code -> policy_length

policy_type_code -> policy_type_desc

insurer_code -> insurer_name