

UNF

PROPERTY(property_no,property_address,owner_no,owner_givenname,owner_familyname,(ins_datetime,ins_id,ins_givenname,ins_familyname,(ins_itemcode,ins_itemdescription,ins_result,ins_statement)))

1NF

PROPERTY(property_no,property_address,owner_no,owner_givenname,owner_familyname)

INSPECT_REC(property_no, ins_datetime,ins_id,ins_givenname,ins_familyname)

INSPECTION(property_no, ins_datetime, ins_itemcode,ins_itemdescription,ins_result,ins_statement)

CANDIDATE KEYS:

(property_no, ins_datetime)

(ins_datetime,ins_id)

Partial dependencies:

Ins_id -> ins_givenname,ins_familyname

2NF

PROPERTY(property_no,property_address,owner_no,owner_givenname,owner_familyname)

INSPECT_REC(property_no, ins_datetime,ins_id)

INSPECTION(property_no, ins_datetime, ins_itemcode,ins_itemdescription,ins_result,ins_statement)

INSPECTOR(ins_id,ins_givenname,ins_familyname)

Transitive dependencies:

owner_no->owner_givenname,owner_familyname

3NF

PROPERTY(property_no,property_address,owner_no)

INSPECT_REC(property_no, ins_datetime,ins_id)

INSPECTION(property_no, ins_datetime, ins_itemcode,ins_itemdescription,ins_result,ins_statement)

INSPECTOR(ins_id,ins_givenname,ins_familyname)

OWNER(owner_no,owner_givenname,owner_familyname)

Full Dependencies:

property_no -> property_address,owner_no

property_no, ins_datetime ->ins_id

property_no, ins_datetime, ins_itemcode -> ins_itemdescription,ins_result,ins_statement

ins_id -> ins_givenname,ins_familyname

owner_no -> owner_givenname,owner_familyname