

1.

UNF→

(prop_no,prod_addr,own_no,own_name,own_addr,maint_date,maint_desc,maint_cost

1NF→

PROPERTY(prop_no,own_no,prop_addr,own_fname,own_lname,own_addr,maint_date,maint_desc,maint_cost)

Partial Dependencies:

-(prop_no→prop_addr)

-(own_no→own_fname,own_lname,own_addr)

Transitive Dependencies:

-None

2NF→

PROPERTY(prop_no,prop_add)

OWNER(own_no,own_fname,own_lname,own_addr)

MAINTENANCE(own_no,prop_no,maint_date,maint_desc,maint_cost)

Transitive Dependencies:

-None

3NF→

PROPERTY(prop_no,prop_add)

OWNER(own_no,own_fname,own_lname,own_addr)

MAINTENANCE(own_no,prop_no,maint_date,maint_desc,maint_cost)

2.

UNF→

(prop_no,prop_address,lease_start_date,lease_rental_rate,lease_bond,ten_no,ten_name,pay_no,pay_date,pay_type,pay_amount,pay_method)

1NF→

PROPERTY(prop_no,ten_no,prop_address,lease_start_date,lease_rental_rate,lease_bond,ten_fname,ten_lname,ten_title,pay_no,pay_date,pay_type,pay_amount,pay_method)

Partial Dependencies:

- (prop_no→prop_address,)
- (ten_no→ten_fname,ten_lname,ten_title)

Transitive Dependencies:

- (pay_no→pay_date,pay_type,pay_amount,pay_method)

2NF→

PROPERTY(prop_address,)

TENANT(ten_no,ten_title,ten_fname,ten_lname)

LEASE(prop_no,ten_no,lease_start_date,lease_rental_rate,lease_bond,pay_no,pay_date,pay_type,pay_amount,pay_method)

Transitive Dependencies:

- (pay_no→pay_date,pay_type,pay_amount,pay_method)

3NF→

PROPERTY(prop_address,)

TENANT(ten_no,ten_title,ten_fname,ten_lname)

LEASE(prop_no,ten_no,lease_start_date,lease_rental_rate,lease_bond)

PAYMENT(pay_no,pay_date,pay_type,pay_amount,pay_method)