**CHUKWUDI ANYANWU**

**Student No: 30647126**

**PROPERTY MAINTENANCE REPORT**

**UNF**

**PROPERTY** (property\_no, property\_address, owner\_no, owner\_name, owner\_address, (date\_time, description, cost)**)**

**Repeating groups**

(date\_time, description, cost)

**1NF**

**PROPERTY** (**property\_no**, **owner\_no**, property\_address, owner\_name, owner\_address)

**MAINTENANCE** (**property\_no, date\_time**, description, cost)

**Partial Dependencies:**

**(property\_no**  **🡪**  property\_address)

**(owner\_no** **🡪** owner\_name, owner\_address)

**2NF**

**PROPERTY** (**property\_no**, **owner\_no**)

**PROPERTY\_ADDRESS** (**property\_no**, property\_address)

**OWNER** **(owner\_no**, owner\_name, owner\_address)

**PROPERTY\_MAINTENANCE** (**property\_no, date\_time**, description, cost)

**Transitive Dependencies:**

(**owner\_name** **🡪** owner\_address)

**3NF**

**PROPERTY** (**property\_no**, **owner\_no**)

**PROPERTY\_ADDRESS** (**property\_no**, property\_address)

**OWNER** **(owner\_no**, owner\_name)

**PROPERTY\_MAINTENANCE** (**property\_no, date\_time**, description, cost)

**OWNER\_NAME** (**owner\_name**,owner\_address)

**PROPERTY TENANT LEDGER**

**UNF**

**TENANT\_LEDGER** (property\_no, lease\_start\_date, property\_add, weekly\_rent, bond, tenant\_no, tenant\_name, (payment\_no, payment\_date, payment\_type, payment\_amount, paid\_by))

**Repeating groups**

(payment\_no, payment\_date, payment\_type, payment\_amount, paid\_by)

**1NF**

**TENANT\_LEDGER** (**property\_no, lease\_start\_date**, property\_add, weekly\_rent, bond, tenant\_no, tenant\_name, payment\_no**)**

**PAYMENT (payment\_no,** payment\_date, payment\_type, payment\_amount, paid\_by**)**

**Partial Dependencies:**

(property\_non 🡪 property\_add)

**2NF**

**TENANT\_LEDGER** (**property\_no, lease\_start\_date**, weekly\_rent, bond, tenant\_no, tenant\_name, payment\_no**)**

**PAYMENT (payment\_no,** payment\_date, payment\_type, payment\_amount, paid\_by**)**

**PROPERTY\_ADDRESS** (**property\_non**, property\_add)

**Transitive Dependencies:**

(tenant\_no 🡪 tenant\_name)

(weekly\_rent 🡪 bond)

**3NF**

**TENANT\_LEDGER** (**property\_no, lease\_start\_date**, weekly\_rent, tenant\_no, payment\_no**)**

**PAYMENT (payment\_no,** payment\_date, payment\_type, payment\_amount, paid\_by**)**

**PROPERTY\_ADDRESS** (**property\_non**, property\_add)

**TENANT**(**tenant\_no**, tenant\_name)

**BOND** (**weekly\_rent**, bond)

**ATTRIBUTE SYNTHESIS OF PROPERTY MAINTENANCE REPOT AND PROPERTY TENANT LEDGER**

**PROPERTY** (**property\_no**, **owner\_no**)

**PROPERTY\_ADDRESS** (**property\_no**, property\_address)

**OWNER** **(owner\_no**, owner\_name)

**OWNER\_NAME** (**owner\_name**,owner\_address)

**TENANT** (**tenant\_no**, tenant\_name)

**TENANT\_LEDGER** (**property\_no, lease\_start\_date**, weekly\_rent, tenant\_no, payment\_no**)**

**PROPERTY\_MAINTENANCE** (**property\_no, date\_time**, description, cost)

**PAYMENT (payment\_no,** payment\_date, payment\_type, payment\_amount, paid\_by**)**

**BOND** (**weekly\_rent**, bond)