**FIT3171 Assignment 1B**

**ANIMAL DOCTORS PET OWNERSHIP DETAILS**

**UNF**

OWNER (owner\_id, owner\_givname, owner\_famname, owner\_addstreet, owner\_addtown, owner\_addpostcode, pref\_vetid, pref\_vetname, (pet\_id, pet\_gender, pet\_name, pet\_type, pet\_bdate, pet\_deceased)

**1NF**

OWNER (owner\_id, owner\_givname, owner\_famname, owner\_addstreet, owner\_addtown, owner\_addpostcode, pref\_vetid, pref\_vetname)

PET (owner\_id, pet\_id, pet\_gender, pet\_name, pet\_type, pet\_bdate, pet\_deceased)

Partial dependencies:

No partial dependencies present

**2NF**

OWNER (owner\_id, owner\_givname, owner\_famname, owner\_addstreet, owner\_addtown, owner\_addpostcode, pref\_vetid, pref\_vetname)

PET (owner\_id, pet\_id, pet\_gender, pet\_name, pet\_type, pet\_bdate, pet\_deceased)

Transitive dependencies:

pref\_vetid 🡪 pref\_vetname

**3NF**

OWNER (owner\_id, owner\_givname, owner\_famname, owner\_addstreet, owner\_addtown, owner\_addpostcode, pref\_vetid)

PREFERENCE (pref\_vetid, pref\_vetname)

PET (owner\_id, pet\_id, pet\_gender, pet\_name, pet\_type, pet\_bdate, pet\_deceased)

Full dependencies:

owner\_id 🡪 owner\_givname, owner\_famname, owner\_addstreet, owner\_addtown, owner\_addpostcode, pref\_vetid

pref\_vetid 🡪 pref\_vetname

pet\_id 🡪 owner\_id, pet\_gender, pet\_name, pet\_type, pet\_bdate, pet\_deceased

**ANIMAL DOCTORS INVOICE FOR PROFESSIONAL SERVICES**

**UNF**

VISIT (pet\_id, pet\_name, vet\_id, vet\_name, visit\_date, visit\_time, (service\_code, service\_desc, service\_cost), (drug\_id, drug\_name, drug\_qty, drug\_cost), visit\_totalcost, visit\_paidby)

**1NF**

VISIT (pet\_id, pet\_name, vet\_id, vet\_name, visit\_date, visit\_time, visit\_totalcost, visit\_paidby)

Not sure if SERVICE de PK includes pet\_id, visit\_date and time

SERVICE (pet\_id, visit\_date, visit\_time, service\_code, service\_desc, service\_cost)

PRESCRIPTION (pet\_id, visit\_date, visit\_time, drug\_id, drug\_name, drug\_qty, drug\_cost)

Partial dependencies:

pet\_id 🡪 pet\_name

drug\_id 🡪 drug\_name

**2NF**

VISIT (pet\_id, vet\_id, vet\_name, visit\_date, visit\_time, visit\_totalcost, visit\_paidby)

PET (pet\_id, pet\_name)

SERVICE (pet\_id, visit\_date, visit\_time, service\_code, service\_desc, service\_cost)