Bahria University,

Karachi Campus



Course: CSC-220 - Database Management System

Term: Spring 2020, Class: BSE- 4(B)

Submitted By:

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(Name) (Reg. No.)

***“Assignment # 04’’***

Submission Date:

“30-03-2020”

Submitted To:

Engr. Bushra Fazal Khan

Signed Remarks: Score:

**Question 1:-**

**Normalization**

**HEALTH HISTORY REPORT**

PET ID PET NAME PET TYPE PET AGE OWNER VISIT DATE PROCEDURE

246 ROVER DOG 12 SAM COOK JAN 13/2002 01 - RABIES VACCINATION

246 ROVER DOG 12 SAM COOK MAR 27/2002 10 - EXAMINE and TREAT WOUND

246 ROVER DOG 12 SAM COOK APR 02/2002 05 - HEART WORM TEST

298 SPOT DOG 2 TERRY KIM JAN 21/2002 08 - TETANUS VACCINATION

298 SPOT DOG 2 TERRY KIM MAR 10/2002 05 - HEART WORM TEST

341 MORRIS CAT 4 SAM COOK JAN 23/2001 01 - RABIES VACCINATION

341 MORRIS CAT 4 SAM COOK JAN 13/2002 01 - RABIES VACCINATION

519 TWEEDY BIRD 2 TERRY KIM APR 30/2002 20 - ANNUAL CHECK UP

519 TWEEDY BIRD 2 TERRY KIM APR 30/2002 12 - EYE WASH

**UNF:**

**The Table is in UNF form.**

**1NF:**

PET ID PET NAME PET TYPE PET AGE OWNER VISIT DATE PROID PROCEDURE\_NAME

246 ROVER DOG 12 SAM COOK JAN 13/2002 01 RABIES VACCINATION

246 ROVER DOG 12 SAM COOK MAR 27/2002 10 EXAMINEandTREAT WOUND

246 ROVER DOG 12 SAM COOK APR 02/2002 05 HEART WORM TEST

298 SPOT DOG 2 TERRY KIM JAN 21/2002 08 TETANUS VACCINATION

298 SPOT DOG 2 TERRY KIM MAR 10/2002 05 HEART WORM TEST

341 MORRIS CAT 4 SAM COOK JAN 23/2001 01 RABIES VACCINATION

341 MORRIS CAT 4 SAM COOK JAN 13/2002 01 RABIES VACCINATION

519 TWEEDY BIRD 2 TERRY KIM APR 30/2002 20 ANNUAL CHECK UP

519 TWEEDY BIRD 2 TERRY KIM APR 30/2002 12 EYE WASH

**Table1 = {PETID, PROCEDURE ID, VISIT DATE =>** PETNAME, PET TYPE, PET AGE, OWNER, PROCEDURE ID, PROCEDURE NAME**}**

**PET ID =>** PET NAME, PET TYPE, PET AGE, OWNER (Partial)

**PROCEDURE ID =>** PROCEDURE NAME (Partial)

**2NF:**

**Table 1 = {PETID, PROCEDURE ID, VISIT DATE}**

**Table 2 = {PET ID =>** PET NAME, PET TYPE, PET AGE, OWNER}

**Table 3 = {PROCEDURE ID =>** PROCEDURE NAME}

**3NF:**

**Table 1 = {PETID, PROCEDURE ID, VISIT DATE}**

**Table 2 = {PET ID =>** PET NAME, PET TYPE, PET AGE, OWNER}

**Table 3 = {PROCEDURE ID =>** PROCEDURE NAME}

~~~~~~\*\*/**THE END**/\*\*~~~~~~