Normalisation Lesson 2 Submission Tasks

Submission Process

Download **DAD_submission_template.docx** from canvas.

Paste the required screen captures from the tasks below into this file.

Submit the (.docx) file into **the** appropriate weekly task on **canvas**.

Task 1.

Hilltop Animal Hospital has provided you with the following data about procedure performed on various pets. Normalise this data to 3NF, keeping a record of your workings at each of 1NF, 2NF and 3NF.

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
					MAR 27/2002	10 - EXAMINE and TREAT WOUND
					APR 02/2002	05 - HEART WORM TEST
298	SPOT	DOG	2	TERRY KIM	JAN 21/2002	08 - TETANUS VACCINATION
					MAR 10/2002	05 - HEART WORM TEST
341	MORRIS	CAT	4	SAM COOK	JAN 23/2001	01 - RABIES VACCINATION
					JAN 13/2002	01 - RABIES VACCINATION
519	TWEEDY	BIRD	2	TERRY KIM	APR 30/2002	20 - ANNUAL CHECK UP
					APR 30/2002	12 - EYE WASH

Put a copy of each of your 1NF, 2NF and 3NF stages in the appropriate place in **DAD_submission_template.docx**

Task 2.

Additional data has become available from the Hilltop Animal Hospital (Task 1) .

Consider this new information and produce a final merged 3NF data structure for Hilltop Animal Hospital.

INVOICE

HILLTOP ANIMAL HOSPITAL DATE: JAN 13/2002
INVOICE # 987

MR. RICHARD COOK
123 THIS STREET
MY CITY, ONTARIO
Z5Z 6G6

PET	PROCEDURE	AMOUNT
ROVER	RABIES VACCINATION	30.00
MORRIS	RABIES VACCINATION	24.00
	TOTAL	54.00
	TAX (8%)	4.32
	AMOUNT OWING	58.32

Document any assumptions you make during the course of the task.

Copy and Paste your assumptions and your final 3NF data structure in the appropriate place.

Task 3.

This report is used by the department managers at **Good News Grocers** to update the prices that are displayed in the grocery store for these products. Normalise the data to 3NF, keeping a record of your workings at each of 1NF, 2NF and 3NF.

User View 1 - Price Update List

Department	Product Code	Aisle Number	Price	Unit of Measure
Produce	4081	1	0.35	lb
Produce	4027	1	0.90	ea
Produce	4108	1	1.99	lb
Butcher	331100	5	1.50	lb
Butcher	331105	5	2.40	lb
Butcher	332110	5	5.00	lb
Freezer	411100	6	1.00	ea
Freezer	521101	6	1.00	ea
Freezer	866503	6	5.00	ea
Freezer	866504	6	5.00	ea

Put a copy of each of your 1NF, 2NF and 3NF stages in the appropriate place.

Task 4.

More information has become available about Good News Grocers (Task 3). The following report is used by the grocery store manager to determine the final selling price of his products. Consider this new information and produce a final merged 3NF data structure for Good New Grocers.

User View 2: Product Cost Report

Supplier	Product	Cost	Markup	Price	Dept Code
21 – Very Veggie	4108 – tomatoes, plum	1.89	5%	1.99	PR
32 – Fab Fruits	4081 – bananas	0.20	75%	0.35	PR
32 – Fab Fruits	4027 – grapefruit	0.45	100%	0.90	PR
32 – Fab Fruits	4851 – celery	1.00	100%	2.00	PR
08 – Meats R Us	331100 – chicken wings	0.50	300%	1.50	BU
08 – Meats R Us	331105 – lean ground beef	0.60	400%	2.40	BU
08 – Meats R Us	332110 – boneless chicken breasts	2.50	100%	5.00	BU
10 – Jerry's Juice	411100 – orange juice	0.25	400%	1.00	FR
10 – Jerry's Juice	521101 – apple juice	0.25	400%	1.00	FR
45 – Icey Creams	866503 – vanilla ice cream	2.50	100%	5.00	FR
45 – Icey Creams	866504 – chocolate ice cream	2.50	100%	5.00	FR

Document any assumptions you make during the course of the task.

Copy and Paste your assumptions and your final 3NF data structure in the appropriate place.