

Veterinary Clinic

Software Requirements Specification

for

Veterinary Clinic

Version 3.0 approved

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Information Systems Analysis and Design

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Revision History

Name	Date	Reason For Changes	Version
Eng. Ahmed Kamal	13-3-2023	The functional requirements weren't written correctly.	1.0

1. Introduction

1.1 Purpose

This document provides detailed functional and non-functional requirements that facilitate logging in and out of the system (website), can reset password, enter and view client data and fill in symptoms, book and check appointments (including home visits), notify clients and their vet for verified appointments, entering, displaying and arranging the animal status record, entering and updating staff's data, calculating the salaries of the staff by registering a sales and purchase receipt on the system and printing the receipt for each customer, which facilitates the process of calculating profits, calculating offers for customers, storing inventory information, and owning a portfolio via the Internet to manage all the accounts that the clinic needs, and the clinic also has an online marketing page, in which all available jobs within the clinic are displayed. Check for inventory and notify HR to send notification for suppliers and maintenance, managing all accounts needed by clinic.

1.2 Product Scope

- The customer service is considered the most important department of the clinic, as it performs many operations, including the booking process, buying food/medications, follow up and home visitations.
- The vet has the access to the animals' information and the ability to check and confirm the appointments, and the follow ups.
- The owner deals with the suppliers, finance, maintenance, and staff.

1.3 References

- All information has been collected from an interview with Dr. Asmaa at SKYLINE VET CLINIC.
- <https://krazytech.com/projects/sample-software-requirements-specificationsrs-report-airline-database>
- <https://enkonix.com/blog/functional-requirements-vs-non-functional/>
- <https://www.indeed.com/career-advice/career-development/non-functional-requirements-examples>
- https://docs.oracle.com/cd/E28385_01/en/E28377/html/STA102_Planning_Install_PreInst.5.5.htm
- <https://albadrsales.com/ar/%D8%A8%D8%B1%D9%86%D8%A7%D9%85%D8%AC-%D9%83%D8%A7%D8%B4%D9%8A%D8%B1-%D9%84%D9%84%D9%85%D8%B3%D8%AA%D9%84%D8%B2%D9%85%D8%A7%D8%AA-%D8%A7%D9%84%D8%B7%D8%A8%D9%8A%D8%A9/>
- <https://www.altexsoft.com/blog/non-functional-requirements/#:~:text=Non%2Dfunctional%20requirements%20or%20NFRs,reliability%2C%20data%20integrity%2C%20etc>
- <https://www.uptech.team/blog/non-functional-requirements>

2. Overall Description

2.1 Product Functions

This system allows multiple functions, such as: logging in (sign in and sign up) to the customer's account, logging out of it, resetting the password, entering animal's data (breed, gender, coat color, species, pet name, etc. ...), booking appointments, verifies appointments, enables filling in symptoms, sending notifications to both clients and the vet after the verification of the appointments, conducting online follow-ups, enabling the client to purchase pet food, supplies and necessary medicine, displaying, updating and arranging animal data, displaying and updating staff's data, specifying preferred suppliers, managing inventory, notifying the owner of the date of restocking, calculating offers for customers, managing all accounts that the clinic needs, registering accounts on the system, printing purchases and sales invoices for customers to facilitate the process of calculating profits for the clinic and ensuring the right of the customer. The clinic also provides internet marketing by creating an application to display all jobs available in the clinic.

2.2 User Classes and Characteristics

- Customers, regular people.
- Vets that work at the clinic.
- Owner.

2.3 Operating Environment

- The system is a website, named My Vet Clinic, which works on Google Chrome version 110.0.5481.180 (Official Build) (64-bit), and Firefox version 110.0.1 (64-bit).
- The minimum hardware requirements for a server are an Intel Xeon 5600 Series, a 16 GB RAM, 1 TB Dual HDD drives and a Gigabit Ethernet.

2.4 Assumptions and Dependencies

The major issue is the internet connection, as it is the main factor that operates this website. A bad connection could make the website fail to load. This issue can't be solved as it is from the company providing this service.

3. System Functions

3.1 Sign up

Code	Requirements statement	Must/should	Comments
FR001	If the customer visits the website for the first time, they must sign up by entering their mail and create a password. Then they must enter their name and mobile number. The user should add a password.	Must	None

3.2 Sign in

Code	Requirements statement	Must/should	Comments
FR002	If the customer already has an account, they can sign in by entering the password and email.	Must	None

3.3 Log out

Code	Requirements statement	Must/should	Comments
FR003	If the customer decides to end his dealings with the clinic or the vet, The customer will log out.	Must	None

3.4 Reset password

Code	Requirements statement	Must/should	Comments
FR004	Enables the user to reset the password in case he forgot it or wanted to change it.	Must	None

3.5 Handle Customers' data

Code	Requirements statement	Must/should	Comments
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FR005	The customer is required to enter all the information regarding their animal (Name, species, breed, sex, date of birth, coat color and type and vaccination history) if that was the first time for the animal to visit the clinic.	Must	None
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3.6 Booking an appointment

Code	Requirements statement	Must/should	Comments
FR006	The customer can choose a time for their appointment (The hours/time displayed is the free time for the vet). After selecting it, the HR should verify the appointment.	Must	None
FR007	The doctor can also choose a time for future follow ups and they should also be verified by the HR.	Must	None

3.7 Fill symptoms

Code	Requirements statement	Must/should	Comments
FR008	The customer can fill out the visual symptoms that appear on their animal.	Must	Helps the vet in expecting the case before the visit.

3.8 Visit Home

Code	Requirements statement	Must/should	Comments
FR009	The customer can have the option for home visits . It is desirable to choose it in emergency cases.	Must	The price of the examination

			depends on the distance.
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3.9 Manage inventory

Code	Requirements statement	Must/should	Comments
FR010	Checks the quantities of the products by taking the purchased products' information from the secretary and updates its data so that when the products reach their minimum limit, the system sends a notification to the suppliers to restock.	Must	None

3.10 Check for requested appointments

Code	Requirements statement	Must/should	Comments
FR011	The HR verifies the requested appointments.	Must	None

3.11 Send Notifications

Code	Requirements statement	Must/should	Comments
FR012	After the verification of the appointment, 2 notifications must be sent: one for the customer and the other for the vet .	Must	None
FR013	A notification is sent to the suppliers to send specific products once they reach their minimum limit in the inventory.	Must	None
FR014	The follow up time is decided by the vet but verified by the HR, and then the system sends a notification for the customer.	Should	None

3.12 Manage case history

Code	Requirements statement	Must/should	Comments
FR015	It's created if it was the animal's first visit.	Must	None
FR016	Every time the animal visits the clinic, their case history is updated .	Must	None
FR017	The case history is displayed to the vet in order of the newest to the oldest case.	Must	None
FR018	The case history should be accessed by the customer.	Must	None

3.13 Order the case history list

Code	Requirements statement	Must/should	Comments
FR019	The case history is ordered from the newest to the oldest case.	Must	None

3.14 Send Feedback

Code	Requirements statement	Must/should	Comments
FR020	The customer gives feedback regarding the cleanliness of the clinic, the health of the animal after the appointment and the treatment of the staff.	Should	Optional, as the customer can choose not to send feedback.

3.15 Purchasing online

Code	Requirements statement	Must/should	Comments
FR021	Drugs are displayed for the customer to buy.	Must	None
FR022	Pet food and pet supplies are also displayed for the customers.	Must	None

3.16 Identify staff's data

Code	Requirements statement	Must/should	Comments
FR023	The staff's schedules are made by the HR, considering the staffs' work hours, workdays and holidays then uploaded to the website for the staff to view.	Must	None
FR024	The HR is the only person who's allowed to edit the staff's schedules . The edits should be viewed and saved.	Must	None
FR025	The staff gets a 15% yearly raise in their salary	Must	New salary = old salary + old salary × 15 %

3.17 Managing online payment

Code	Requirements statement	Must/should	Comments
FR026	The online purchasing the payment can be done by using cash where the customer gets an online bill that he must use to receive the order, the customer needs to pick up the things they bought, as they would be giving the money to the secretary	Should	None
FR027	For the Credit Card , you will be prompted to choose how you want to pay. Other options could include debit card, PayPal then you'll enter the 16-digit number, the expiration date and the 3 digit numbers found on the back. Then finally, confirm your payment.	Should	None

3.18 Managing offline payment

Code	Requirements statement	Must/should	Comments
FR028	The secretary adds the information of the offline purchase in the inventory.	Must	None

3.19 Offers

Code	Requirements statement	Must/should	Comments
FR029	Regular customers get a 10% discount for any non-medical services if it reached 800+ L.E. for the online purchases.	Should	$(n*10)/100$ where "n" is the spent money

3.20 Create a purchase receipt

Code	Requirements statement	Must/should	Comments
FR030	The secretary creates a purchase receipt for each customer, in which the supplies that were purchased, the prices of the supplies, product brands, the date of purchase, the discounts that were added, and the customer's data are added, and the full cost is calculated.	Must	Two copies of the invoice are printed, one for the customer and another copy to be placed on the clinic system to calculate the monthly income.

3.21 Take out a payment receipt

Code	Requirements statement	Must/should	Comments
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FR031	The secretary prints a receipt for the buyer by taking some data such as the name, phone number, card number, and calculating the full cost, and then puts it on the system and prints it so that the system can keep a backup copy.	Must	The receipt is printed online or directly to the customer. In both cases, a copy is kept on the system.
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3.22 Create a sales receipt

Code	Requirements statement	Must/should	Comments
FR032	A receipt that contains a unique number for each customer called UUID, in which the price of the purchases is determined at the price of the tax added to it, and all the information related to the customer is placed in it and the valid period for retrieving the purchases is specified.	Must	None

3.23 Calculate customer price

Code	Requirements statement	Must/should	Comments
FR033	Examination in the clinic depends on the medical tools used in addition to the price of the basic examination	Must	The clinical examination costs 90 L.E.
FR034	The price of a home examination depends on the location's distance from the clinic, the time it takes, and the medical tools used	Must	The home service is decided by the vet.

3.24 Calculate the customer service

Code	Requirements statement	Must/should	Comments
FR035	The doctor adds the diagnostic services' to the system then the secretary calculates the total cost.	Must	The price varies depending on the device/tools that are used.

3.25 Calculate net profits

Code	Requirements statement	Must/should	Comments
FR036	The system calculates the net profit then sends it to the government to send the taxes.	Must	None

4. Nonfunctional Requirements

4.1 Capacity

Code	Requirements statement	Must/should	Comments	Unit
NFR001	How well the service performs these functions, networks.	Must	None	Can have 500 user at a time

4.2 Reliability

Code	Requirements statement	Must/should	Comments	Unit
NFR002	Specifies how likely the system or its element would run without a failure for a given period of time under predefined conditions.	Must	None	

4.3 Compatibility

Code	Requirements statement	Must/should	Comments	Unit
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NFR003	It must be ensured that the website is properly working across different browsers, devices, operating systems, networks, and hardware.	Must	None	
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4.4 Speed and performance

Code	Requirements statement	Must/should	Comments	Unit
NFR004	What are the required response times, benchmark specifications, and other attributes related to performance? How fast does the system provide results, and how will the performance change with higher workloads?	Must	None	Normal Response time is 3 seconds. In case of higher workloads It becomes 6 to 10 seconds.

4.5 Security

Code	Requirements statement	Must/should	Comments	Unit
NFR005	How much time and effort does it take to break into the system, and how can you mitigate these exposures?	Must	None	
NFR006	The system must be fully accessible to specific users only and protect the system from any attack or theft, and thus protect customers' information and private clinic information.	Must	None	

4.6 Usability

Code	Requirements statement	Must/should	Comments	Unit
NFR007	<p>Learnability. How fast is it for users to complete the main actions once they see the interface?</p> <p>Efficiency. How quickly can users reach their goals?</p> <p>Memorability. Can users return to the interface after some time and start efficiently working with it right away?</p> <p>Errors. How often do users make mistakes?</p> <p>Satisfaction. Is the design pleasant to use?</p>	Should	None	Takes few minutes to fully understand how to use the system.
NFR008	The system should be easy to use and not complex so that a user with basics in computer skills could use it efficiently (Clear and easy words are chosen for the user to be able to understand what is required).	Must	None	
NFR009	This system supports the Auto complete feature to avoid the user repeating the password and Gmail each time he registers. It is designed to help people with disabilities use technology more easily.	Should	None	

4.7 Portability

Code	Requirements statement	Must/should	Comments	Unit
NFR010	The list of supported operating systems and their versions. Network specifics, the list of supported browsers and their versions. Devices and other hardware requirements.	Should	None	Available on all the commonly used browsers and operating systems.

4.8 Availability

Code	Requirements statement	Must/should	Comments	Unit
NFR011	How often does the system experience critical failures, how much time does it take to fix the issue when it arises, and how is user availability time compared to downtime?	Should	Takes few minutes to fix any appeared issues.	

Interview Outline

Interviewee:

Dr. Asmaa Taha
HR and owner of Skyline Clinic (Vet clinic)

Interviewer:

Eng. Rawan El-Sayed Hashim

Location/Medium:

Skyline Clinic, 2nd District, 6th of October City

Appointment Date: March 9th, 2023

Start Time: 6:30 pm

End Time: 7:18 pm

Objectives:

- The preferred UI
- Requirement elicitation of reservation
- How the current system works

Reminders:

Consultant anesthesia, radiology, and animal surgeries.
Faculty of Veterinary Medicine

Agenda:

Introduction

Background on project

Overview of interview

Topics to be covered

Permission to record

The presence of a system

Issues of the previous system

Wanted features for the client

Wanted features for the owner

UI of the old system

Points around the start page

Additional services

Supplies management

Follow up management

Inventory management

Case history management

Approximate time:

2 minutes

2 minutes

2 minutes

No permission granted.

1 minute

1 minute

2 minutes

5 minutes

1 minute

1 minute

4 minutes

3 minutes

2 minutes

1 minute

2 minutes

Agenda:

Appointment management
 Maintenance management
 Staff management
 General finance
 Marketing
 Verification of the appointments
 Summary of major points
 Questions from interviewee
 Closing

Approximate Time:

2 minutes
 1 minute
 2 minutes
 5 minutes
 2 minutes
 1 minute
 5 minutes
 2 minutes
 1 minute

General Observations:

Interviewee uses papers instead of a PC- prefers traditional ways.
 Interviewee gave long answers- probably likes the idea of this new system.

Unresolved Issues, Topics Not Covered:

Choosing the suitable supplier, didn't have time to discuss.

Interviewee:

Dr. Asmaa Taha
 HR and owner of Skyline Clinic (Vet clinic)

Date:

March 9th, 2023

Questions:**Notes:****Question: 1**

Do you have a working system?

Answer

Currently, no. I used to have one.

Question: 2

What made you leave the old system?

Answer

Due to the continuous usage of the Internet, bad interface and troubles in the communication with customers. Also, the system crashes occasionally.

Question: 3

What features do you want to be available for the clients?

Answer

I want the following features for the online reservation:

- *Date of reservation, client's name and phone number should be required.*
- *Customer's (animal's) data; name of the animal, species, breed, sex, date of birth, coat color, type and vaccination history.*
- *The complain of the client (the symptoms that appear on the animal.)*
- *After sending the previous data and the verification of the reservation, a number will be sent to them indicating their turn to visit the clinic.*

Question: 4

What about the features for the owner?

Answer

For the first page, I want it to show the following:

- *Case history (diabetes, blood pressure, breeding history, etc.)*
- *The history of the client's complaints.*
- *The present disease or symptoms.*

For the second one:

- *Selecting a grade for the illness (whether it was mild or not), the symptoms, the present disease and general examination.*

After updating the animal's profile, the case history appears in order from the newest to the oldest case.

And finally, fill out the things that were done to set the visit cost.

Question: 5

What was your old system like?

Answer

It functioned as an Excel Sheet.

Question: 6

What are the additional services that you want in your system?

Answer

Online purchase of the medicine, vaccines, food, and pet products.

Question: 7

How do you want this system to deal with the supplying system?

Answer

I want the system to check the inventory and send a notification to me at the end of each working day to notify me if we needed restocking and will send a notification for suppliers.

Question: 8

How about the maintenance?

Answer

A notification every 3 to 6 months will do.

Question: 9

Do you want anything on the system that has information of the working staff?

Answer

Yes, I want a page that is accessed by me that contains all the information of the staff, and their salaries included.

Question: 10

What about the financial department?

Answer

The price of a medical examination in the clinic is usually 90 pounds. As for the home visit, it varies according to the distance of the visit and according to the tools used in the examination if the animal needs additional tools. The clinic also records sales and purchases receipt on the system to calculate the annual net profit and the accounts suppliers and workers, and it performs this work monthly.

Question: 11

Do you have any offers for the customers?

Answer

Yes, our customers get a discount up to 10% if the value of the non-medical services to 800 pounds.

Question: 12

What about the annual net account?

Answer

The HR calculates the profits, and the staff have a share of it. Some of the income is directed towards the maintenance, suppliers and cleaning company. There's an annual increase for the staff at a rate of 15%.

Question: 13

Does the clinic print bills for customers?

Answer

Yes, each customer has a receipt on the system through which the full cost is calculated.

Question: 14

How is the clinic marketing done?

Answer

Marketing is done for the clinic with the Internet through an application in which all the jobs that the clinic performs are displayed.

Question: 15

Who does the billing for the client?

Answer

The secretary does.

Question: 16

How would you like the system to start?

Answer

I want to start the first page by creating an account, if it is the first time, or signing in if they already have an account.

Question: 17

How about resetting a passcode?

Answer

Yes, great idea.

Question: 18

What if the client decides to change your clinic?

Answer

Yes, it is unfortunate, but they can simply log out and after a certain amount of time his account will be automatically deleted.

Question: 19

Do you want to know the customer evaluation about you?

Answer

Of course, I want to know what they think about our service, it's important as it can help us improve ourselves.

Question: 20

How would you like the payment system to be?

Answer

The customer can pay online via Visa and Vodafone Cash, or Cash at the clinic.

Question: 21

Where can you keep tools and food?

Answer

I have a storage and my secretary is responsible for it.

Question: 22

How do you want the system to relate to stores?

Answer

All I want is for it to receive all the information from my assistant about the amount of medicine and food consumed, so that when it reaches a certain limit, it reaches me only by notification.

Question: 23

How would you like the follow-ups to be?

Answer

I want the follow-up to be online and the time of the follow-up is decided by me (vet) and I want the system sends a notification for the customer.

Question: 24

Do you want to send a confirmation message for the reservation date?

Answer

Yes, I want the system to send 2 notifications after the verification of the appointment. One for the customer and the other for the vet. And it can be sent in various ways, like a message, an SMS or an email.

Question: 25

How is the verification of the chosen time of the requested appointment?

Answer

I will verify the chosen time of the requested appointment and I want my secretary to keep a record for it.

Question: 26

Are there any additions to case history?

Answer

Create case history if it was the animal's first visit. And update it every time the animal visits the clinic. I also want the case history is displayed to me (vet) in order of the newest to the oldest case.

Question: 27

Who's responsible for all the bills?

Answer

E-bills will be automatically made by the system as it'll just add the purchased items, clint name and the discount if found. If it's paper bills (normal one from the clinic), it'll have the same information as the electronic one in addition to the visit cost by the secretary.

Question: 28

Do you give any offers or discounts? And who makes them?

Answer

There are some discounts, done by the owner.

Question: 29

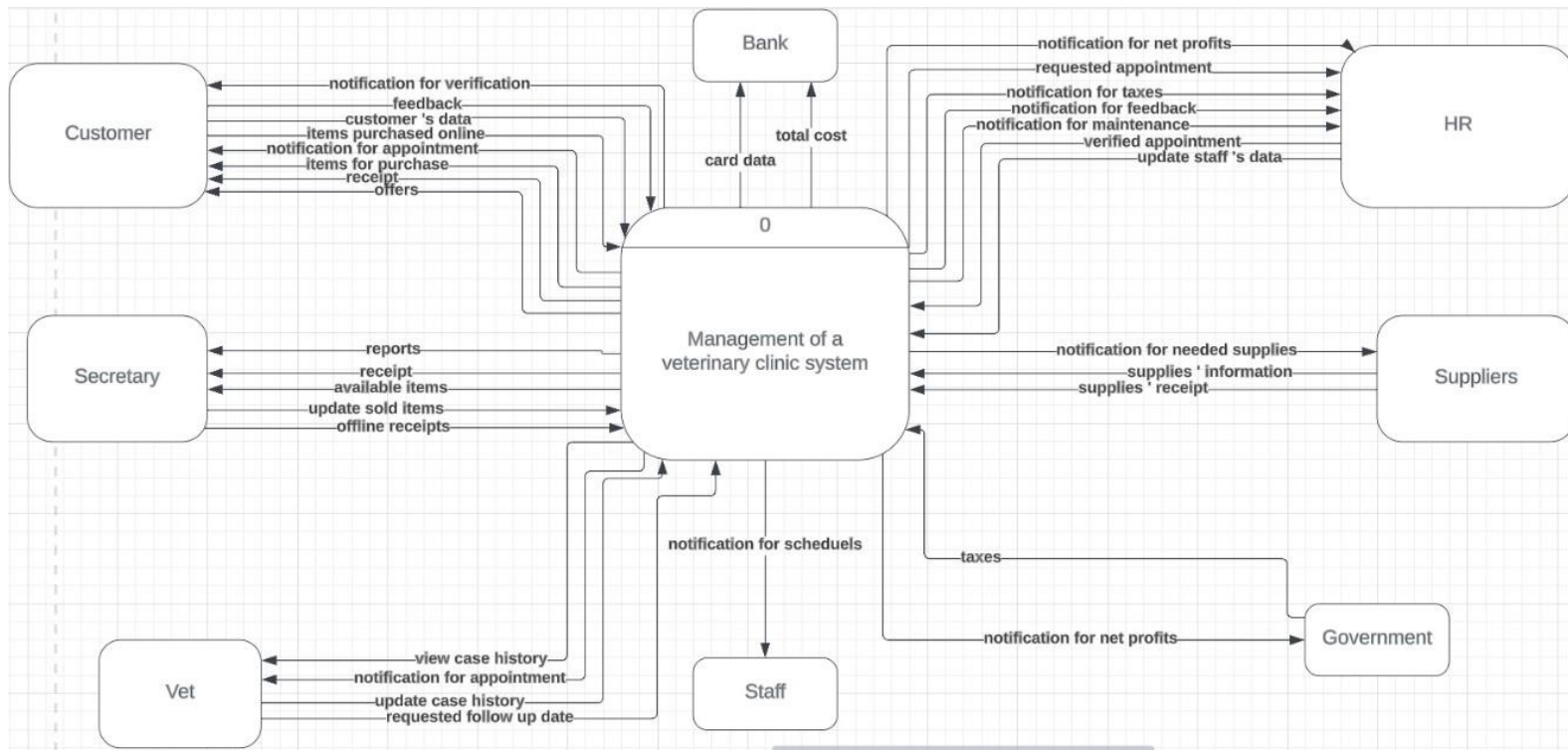
What are the salary raises and do you provide bounces?

Answer

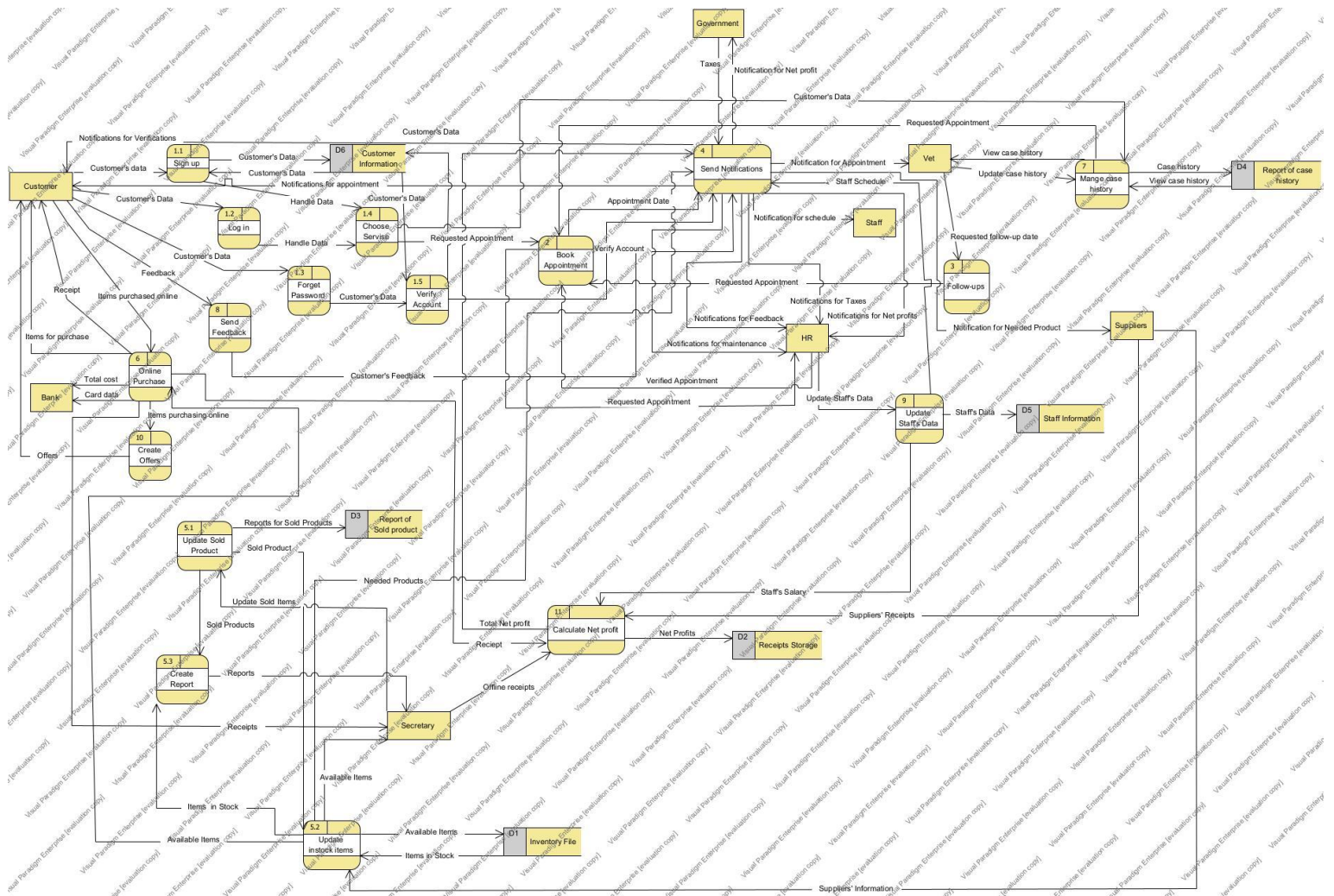
We have a 15% yearly raise, and the bounces depends on the net profit.

Vet Clinic: Phase 2

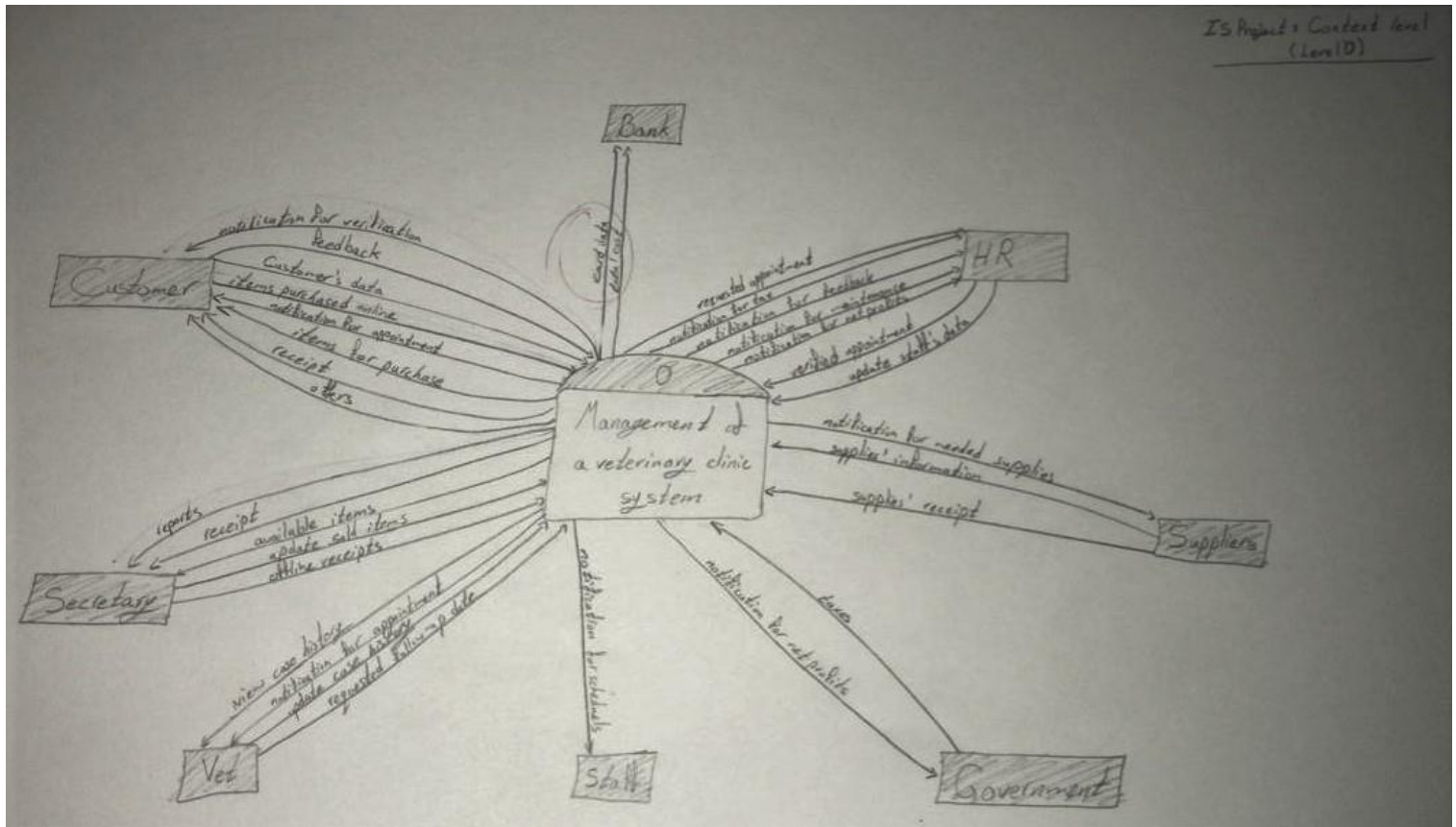
Context Level:

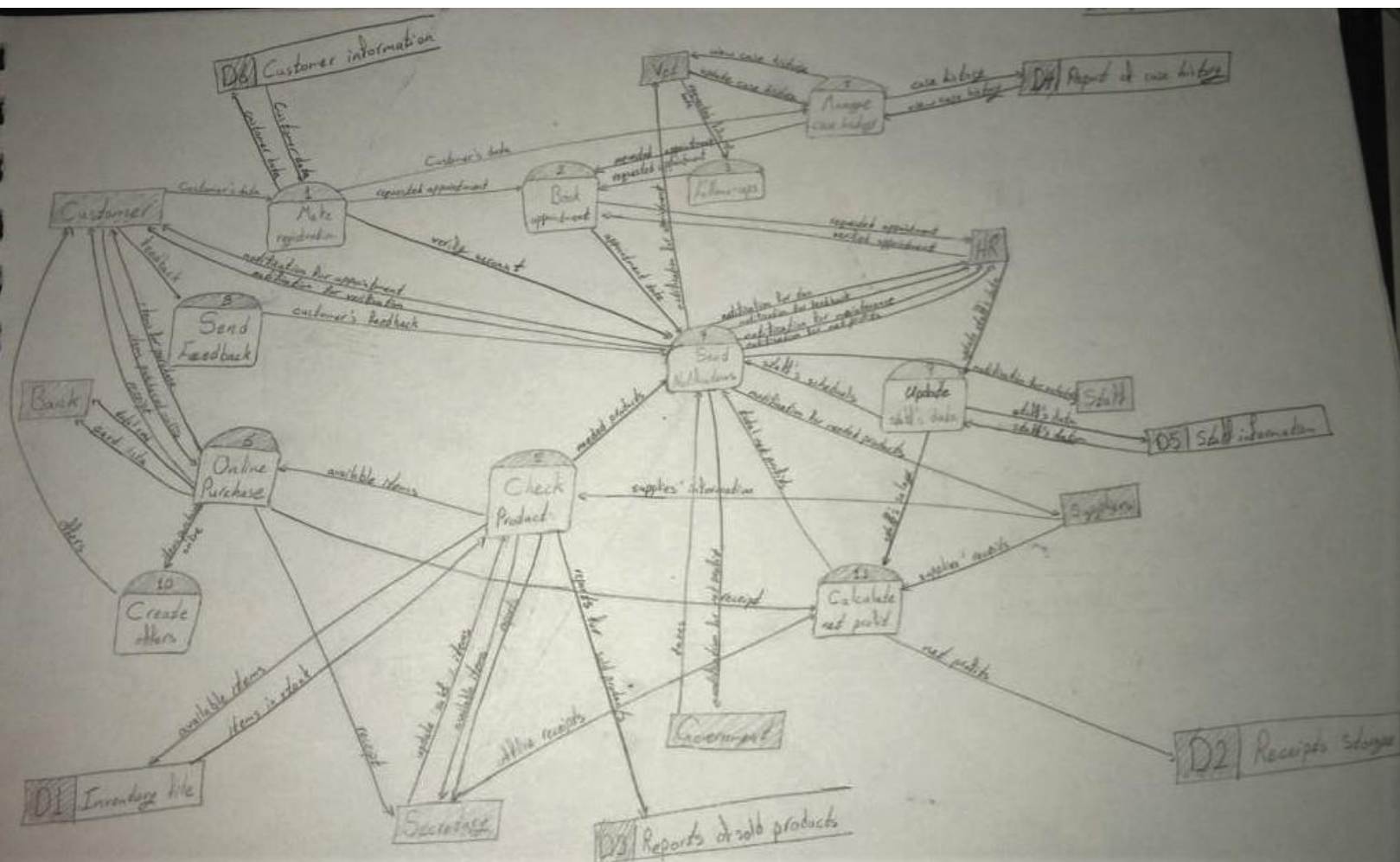


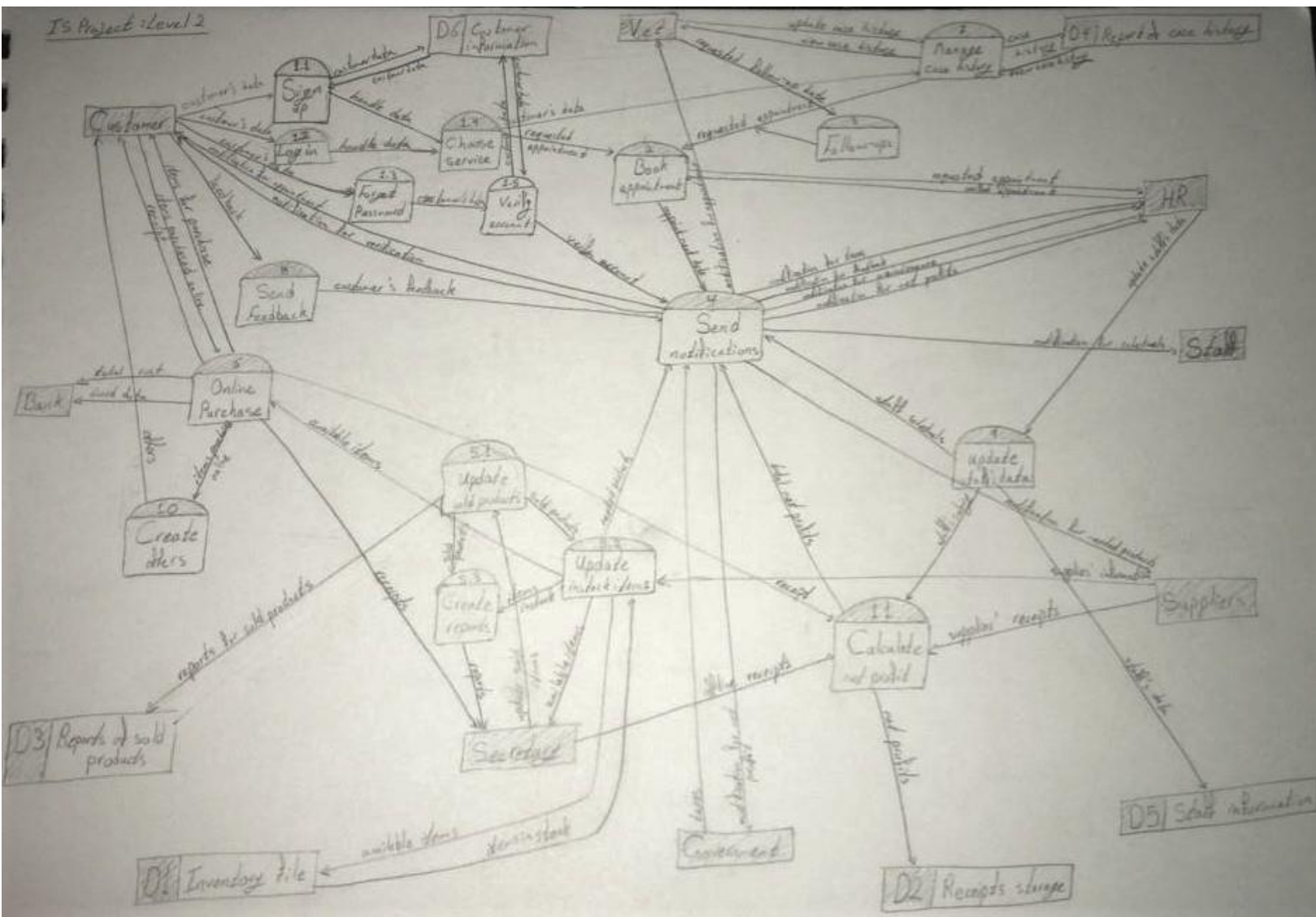
Level 2:



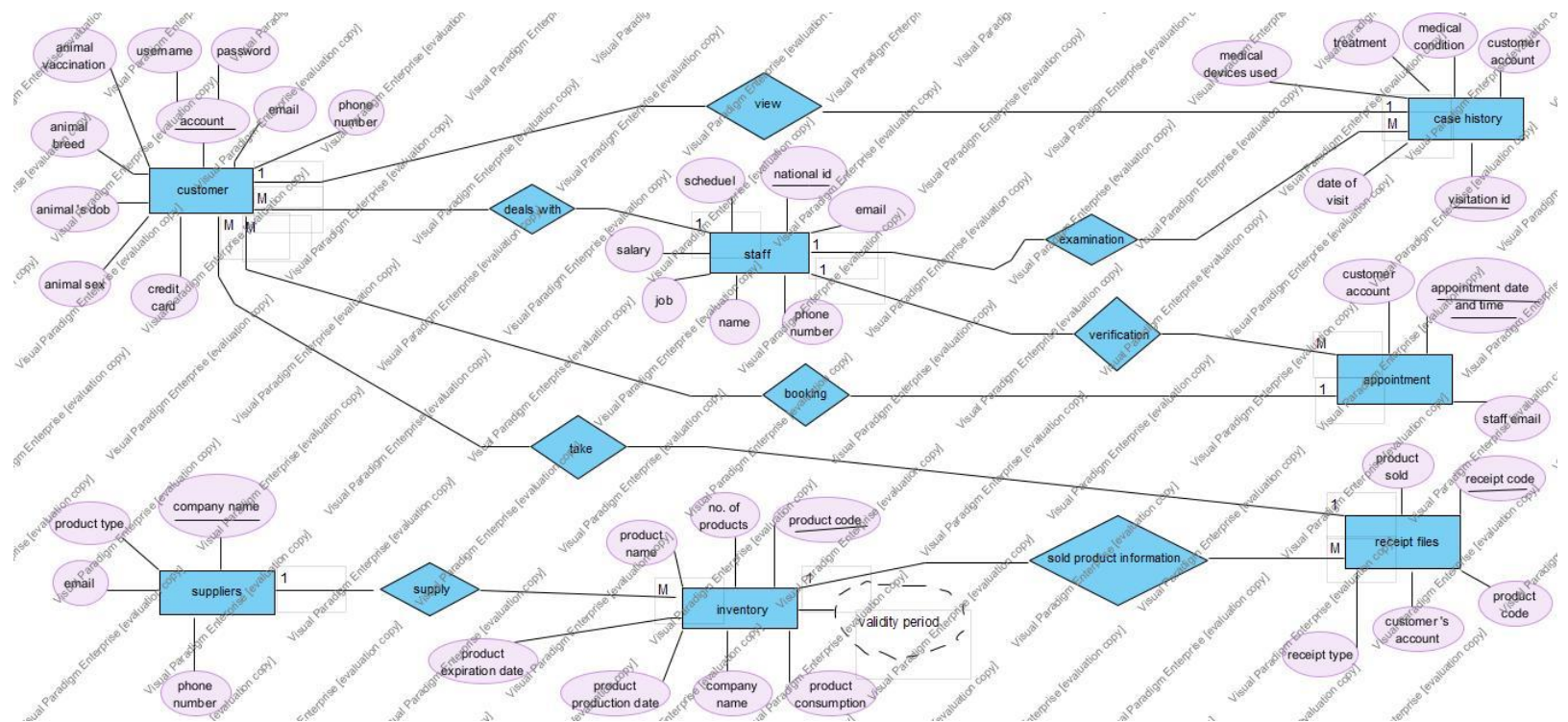
The hand drawn versions for more clarification:







Phase 3:



Supplier 's data

	Company's name	Email	Phone number	Product type
	Daniry	Danry@gmail.com	01523987456	foods
	Anety	Anety@gmail.com	01125987541	Drugs
	Honoly	Honoly@gmail.com	01125896347	vaccine

- CREAT DATABASE Vet;

- DROP DATABASE Vet;

- CREATE TABLE supplier's data;
- DROP TABLE supplier's data;
- ALTER TABLE supplier's data ADD email;
- ALTER TABLE supplier's data DROP column email;

DELETE FROM supplier's data WHERE email=' Danry@gmail.com';

- UPDATE supplier's data SET email = "Danry@gmail.com" WHERE phone number= '01125896347;
- SELECT phone number FROM supplier's data WHERE phone number= '01125896347;

INSERT INTO (company's name , email, phone number, product type)
VALUES (' Honoly', 'Honoly@gmail.com, '01125896347', ' vaccine');

Staff 's data

	Name	Id	Email	Phone number	Schedule	job	Salary
1-	Mona	42110187	monasalah@gmail.com	01523987456	Saturday Tuesday	nurse	3800
2-	Ahmed	42110188	Ahmedmoh@gmail.com	01039875214	Sunday Wednesday	HR	4500
3-	Lamia	42110189	Nohaali@gmail.com	01125987541	Monday Thursday	secretary	3000
4-	Ali	42110190	Alikamal@gmail.com	01269875214	Friday Saturday	Doctor	6500

- CREAT DATABASE Vet;

- DROP DATABASE Vet;

- CREATE TABLE **staff's data**;

- DROP TABLE **staff's data**;

- ALTER TABLE **staff's data** ADD email;

- ALTER TABLE **staff's data** DROP column email;

DELETE FROM **staff's data** WHERE email=' Alikamal@gmail.com';

- UPDATE **staff's data** SET email = "Alikamal@gmail.com" WHERE phone number= '01125896347;

- SELECT phone number FROM **staff's data** WHERE

email='Alikamal@gmail.com';

INSERT INTO (name ,id, email, phone number, schedule ,job, salary)

VALUES (' Ali', '42110190', 'Alikamal@gmail.com', ' 01269875214',' Friday

Saturday', 'Doctor', '6500');

5. Customer's data

	Animal' vaccination	Account	Email	Phone number	Animal breed	Age	Animal sex	Code of Credit card
1-	Subunit	Annie_90	Anniecat@gmail.com	01112022556	Maine Coon	One year	female	12754
2-	DNA Plasmid	Kitte&123	kittedog@gmail.com	01212025694	Labrador	Eight month	male	09472
3-	Attenuated	Loz\$012	lozcat@gmail.com	01125698741	Siamese	Two year	male	73104

4-	Gene – deleted	Angle_70	Angledog@gmail.com	01032147895	German	Twenty month	female	81039
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- CREAT DATABASE Vet;

- DROP DATABASE Vet;

- CREATE TABLE customer's data;

- DROP TABLE customer's data;

- ALTER TABLE customer's data ADD email;

- ALTER TABLE customer's data DROP column email;

DELETE FROM customer's data WHERE email=' Alikamal@gmail.com';

- UPDATE customer's data SET email = "Alikamal@gmail.com" WHERE phone number= '01125896347;

- SELECT phone number FROM customer's data WHERE email='Alikamal@gmail.com';

INSERT INTO (animal vaccination ,account, email, phone number, animal breed, age, animal sex, code of credit card) VALUES (' Gene – deleted

, 'Angle,'_ Angledog@gmail.com, 'Alikamal@gmail.com', ' 01269875214', German

Twenty

Month', 'female', '81039');

Visitation id	Date of visit	Customer account	Medical condition	treatment	Used medical devices
24130523	13/5/2023	Annie_90	Sterilization	Rabies FeLV FVRCP FVRCP Rabies	Kidney bowl Thermometer Gauze container Scissors Haemostat Suture-removal scissors Nail clippers Stethoscope Pen light Storage jar Laryngoscope Various sizes of endotracheal tubes (ideally used only once daily - minimum 15-20 required) Spay sets (depending on daily capacity - preferably a minimum of 10 sets)
21130523	13/5/2023	Angle_70	Flea & cold	DAB Rabies	Seresto collar Advantage Multi
07150723	15/7/2023	Loz\$012	Stomach ache	FeLV FVRCP	prescribe anti-nausea
10060723	6/7/2023	Kitte&123	allergy	DAB	<ul style="list-style-type: none"> steroid nasal sprays oral antihistamines

- CREAT DATABASE Vet;
- DROP DATABASE Vet;
- CREATE TABLE Case history;
- DROP TABLE Case history;
- ALTER TABLE Appointment ADD treatment;

- ALTER TABLE Appointment DROP column treatment; DELETE FROM case history WHERE treatment='Rabies FeLV FVRCP FVR CB Rabies';
 - UPDATE case history SET treatment = "DAD" WHERE validation id = "24130523";
 - SELECT date of visit FROM case history WHERE validation id= '24130523';
- INSERT INTO Appointment (validation id , date of visit , customer account, medical condition , treatment, used medical devices) VALUES (
24130523, '13/5/2023' , Annie_90 , Sterilization, Rabies FeLV FVRCP FVR CB Rabies);

customerID	Customer account	Appointment datetime	Staff email
121212	_rawan_ellsayed42@gmail	12/6/2023 11am	_ahmedmo7sen@gmail
141521	_rowy_john700@gmail	1/6/2023 9am	_kenzymo7amed@gmail
185276	_rowinaa_gaim60@gmail	9/6/2023 3pm	_osamaamarwa@gmail

- CREAT DATABASE Vet clinic;
- DROP DATABASE Vet clinic;
- CREATE TABLE Appointment;
- DROP TABLE Appointment;
- ALTER TABLE Appointment ADD staffemail;
- ALTER TABLE Appointment DROP column staffemail;

- INSERT INTO Appointment (customer account, Appointment datetime ,staff email) VALUES ('_rawan_ellsayed42@gmail', '12/6/2023 11am' , '_ahmedmo7sen@gmail ');

- DELETE FROM Appointment WHERE staff email =
'_kenzymo7amed@gmail';

- UPDATE Appointment SET customer account =
"_rawan_sayed50@gmail" WHERE staff email=
"_osamaamarwa@gmail";

- SELECT staff email FROM Appointment WHERE staff email= "_osamaamarwa@gmail";

Receipt files:-

Receipt code	product code	Sold product	Receipt type	Customer's account
1000893	14579	19	Medical treatment	Annie_90
0093247	25347	2	Medicine	Loz\$012
6712300	87921	3	Medical treatment	Angle_70
1239812	93415	2	Medicine	Kitte&123

- CREAT DATABASE Vet clinic;
- DROP DATABASE Vet clinic;
- CREATE TABLE receipt file;
- DROP TABLE receipt file;
- ALTER TABLE receipt file ADD receipt code;
- ALTER TABLE receipt file DROP column receipt code; - INSERT INTO Appointment (Receipt code, product code, Sold product, Receipt type, Customer's account) VALUES ('1000893','14579', '19',' Medical treatment',' Annie_90');
- DELETE FROM receipt files WHERE sold product = '19';
- UPDATE receipt files SET product code = '14579' WHERE sold product= '2'; - SELECT receipt type FROM receipt file WHERE sold product ='2';

Visitation id	Date of visit	Customer account	Medical condition	treatment	Used medical devices
24130523	13/5/2023	Annie_90	Sterilization	Rabies FeLV FVRCP FVRCB Rabies	Kidney bowl Thermometer Gauze container Scissors Haemostat Suture-removal scissors Nail clippers Stethoscope Pen ligh Storage jar Laryngoscope Various sizes of endotracheal tubes (ideally used only once daily - minimum 15-20 required) Spay sets (depending on daily capacity - preferably a minimum of 10 sets)
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6712300	87921	3	Medical treatment	Angle_70
1239812	93415	2	Medicine	Kitte&123

product code	Product name	Number of product	Company name	Product consumptions	Product production date	Product expiration date	Validity period
14579	Oxolinic Acid	50	Daniry	2:8/day	12/2/2023	12/2/2025	2 years
25347	Amoxycillin	37	Anety	1:4/day	10/3/2023	10/3/2026	3 years
87921	Florfenicol	28	Daniry	0:3/day	12/12/2022	12/12/2024	4 years
93415	Polyequan	43	honoly	0:7/day	3/5/2023	3/5/2026	3 years

- DROP TABLE inventory;

- ALTER TABLE inventory ADD product code;

- ALTER TABLE inventory DROP column companyname;

- INSERT INTO inventory (product code,

Product name, Number of product, Company name, Product consumptions , Product production date, Product expiration date, Validity period) VALUES ('14579', ' Oxolinic Acid, '50,' Daniry',' 2:8/day ' , '12/2/2023' , '12/2/2025',' 2 years');

- DELETE FROM inventory WHERE product code = '14579';

- UPDATE inventory SET product code = '14579' WHERE company name= 'Anety';
- SELECT number of product FROM inventory WHERE product code ='93415';