**Chapter 1 - Scenario To Do (Scenario *Vince’s Vinyl* Chap 1 To Do)**

1. **Major topics for the database**

* Records
* Customers
* Sales
* Expenses
* Requests

1. **Statement of work : Vinyl Records Database Project**

History :

Vince Robert owns a vinyl record store where he sells vintage records. He has been doing this business with with this inventory stock in his head and notebook. He wants to keep track of his business. Till now, his sales, purchases, profits and losses were not tracked at all. He has no record for proper inventory. He also wants to expand his business online in future. He wants to include some special additions to his business by having his customers make special requests for some records, and let them know about their availability and do email broadcasts of his specials to his customers. In order to meet these requirements, he does not have a system in place, fotr which he wants to design a database.

Scope :

The Vinyl records database will manage the inventory and sales for Vince’s business. The database will have the information about the records, sales, expenses, purchases, customers email address, requests and all that information handy. In addition to that, database will also feature to generate business reports.

Constraints :

The database will not track HR or payroll information for vince’s employees, will not provide any online solution for his business needs.

Objectives :

* Keep track of the inventory of the records
* Keep track of the customers information and their purchases
* Keep track of the amount spent on purchasing records
* Keep track of the sales of the records
* To keep track of the customers requests
* Feature to enable report generation

Task and Timeline :

* + Data gathering:
  + Data analysis:
  + Normalization:
  + Building the physical database:
  + Testing and security:
  + Database completion and installation:

**Chapter 2 - Vocabulary and Practices**

1 - G

2 - O

3 - H

4 - J

5 - B

6 - R

7 - E

8 - D

9 - N

10 - P

11 - C

12 - L

13 - K

14 - M

15 - I

16 - F

17 - A

18 - Q

**Chapter 2 - Practices 2,3 and 4**

Question #2

Stakeholders :

* User - The person who is going to use the computer
* Technician - The guy who repairs the computer
* Supervisor (The person in-charge who assigned the work)
* Order taker - The person who took the order from the supervisor and assigned it to the technician

Question #3 :

* R# - I am assuming it to be receipt number, I would like ensure that.
* C# - Not sure what that is.
* P# - Assuming it to be a phone number, would want to ensure that, and if it is one, then whose phone number is that.
* T Notes - It is some sort of work report that was carried out, but still would want to ensure what that stands for.

Question #4

1. Do you want to add an item to know whether the work order was accepted by the technician?
2. yes
3. no
4. Do you want to add an item to know the date and time the work order was completed?
5. yes
6. no
7. Do you want to add an item to assign which campus the service order to be routed to?
8. yes
9. no
10. Do you want to assign priority to the jobs?
11. yes
12. no

**Chapter 2 - Scenario To Do (Scenario *Vince’s Vinyl* Chap 2 To Do)**

1. Questions To Vince, based on the data on the form

* Would you like to generate a token number for each sale?
* Would you like to capture the email address for the seller besides his phone number?
* Would you like to add the year of the album release?
* Do you buy all albums, if not what is the criteria

1. Stakeholders

* Vince
* Sellers
* Buyers

1. Interview with stakeholders

Interview with Vince

* Do you want to add any other fields to the current form?
* Do you have other potential procurement model other than people walk in and sell records to you?
* What is your pricing model and how do you set price for a record?
* How do you reach out to your potential customers?
* What is so important to you about the system you have in practice?
* What kind of reports do you want to generate?

Interview with a customer who buys and sells

* Do you get a special deal when you buy and sell?
* When you sell the record back to vince which you bought from him do you get a discount ?
* What motivates you to come back and do business with Vince?
* Would you like to provide additional personal information like email address

Interview with buyers

* Do you get discounts for bulk buying?
* What motivates you to come back to vince?
* Would you like to place special requests with vince about a record that he might not have at store?
* Would you like to provide additional information like email id ?

1. Questionnaire to sellers

Would you like to have the price quoted for individual records when you bring them in bulk?

1. yes
2. no

Are you willing to provide additional personal information like email addresses?

1. yes
2. no

Do you like to be contacted via any other media?

1. yes
2. no
3. Exceptions

Vince want to be able to adjust his pricing model to give discounts depending on the customer and for the actual worth of his record, at the same time making a profit for him.

Business rules

Vince has a collection for 5 for a dollar pile

He has standards about the condition of the records and the rarity of the records

Discounts for most customers

Additional questions

Vince, How are you going to keep track of customers who have special requests?