**Title of Your Project**

DataBase Design

**Your name**

Amar Babu Ganta

**Your github URL**

**Current date**

12/7/2022

**1. Product sold in my business and describes its features**

My business will sell house wares and groceries in a market. The nature of my business is retail and the name of the business will be “***Shopper Delight***”. The feature of business comprises stores where customers will visit to purchase the product.

**2. Comparison of my business with chosen business**

* **Name of Similar Business**

The name of a similar business is “*Woolworths: Retail Grocery Supermarket”*.

* **Sales of chosen business in the year 2021 and current employees**

Total sales of Woolworths Group in the year 2021 are $67,278 Million dollars. However, the current number of employees in the organization is 210,067.

* **URL from where information is gathered**

https://www.woolworthsgroup.com.au/icms\_docs/195984\_annual-report-2021.pdf

**3. Design of Network architecture for storing database**

* **Description of Client Server Design and services provided by tier**

It has been realized that my retail business is comparatively very smaller to Woolworth’s business. Therefore, the size of network architecture will be at a moderate level. Hence, I need the Traditional tier 2 client server architecture for storing the database system. Each tier provides value by making an enterprise able to adopt a network according to the requirement and volume of business. The database stored in this architecture might distribute within network architecture.

* **Draw a simple diagram to illustrate your network design**



**Database**

**LAN**

**4. Five important types of data related to business**

The five important types of data related to business are mentioned below:

1. Integer
2. Decimal
3. Character
4. Alphanumeric
5. Boolean

**5. Tool needed for communicating with Cloud database setup**

MySQL Community Server is that particular tool used for communicating with Cloud database setup.

**5.1 Name of current example of chosen tool**

The current example of chosen tool is MySQL Installer for windows.

**5.2 Name of three common file formats used in the transferring of data between systems**

The three common file formats used in the transferring of data between systems are:

1. .ibc
2. .tmd
3. .rul