Title= Database Project in home improvement

Name= Vamshidhar Reddy Turpu

Date= 13/7/2022

GitHub Link=

1. I have a business of manufacturing and selling items which are related to home improvement like construction products, home appliances and services which are related to improving the structure and design of any home.
2. I am comparing my business with one of the business leaders of the country which is “The Home Depot”. The Home Depot, an American multinational company, is a home improvement retail company which is one of the market leaders in this industry.  In 2021, The Home Depot achieved sales of $140.06 billion, which had a growth rate of 15.10 percent compared to last year. Worldwide, it had a retail sale of $149.41 billion. Where my company had achieved sales of $20 billion in 2021. Number of employees working on the Home Depot corporation is 490,600.

<https://nrf.com/resources/top-retailers/top-100-retailers/top-100-retailers-2022-list>

 The client server network architecture of my company is given below. In the diagram there are 2 tiers, the client tier and a server tier. In tier 1, if the client asks for any type of information about the product details of the company then it will ask for information from the server. In tier 2, the server will provide responses to the client by providing the desired information.





**Two Tier Client server**

1. The five types of information that can be stored within the server’s database. Which are- 1. Item Name, 2. Item code, 3. Price, 4. Product Description, 5. Discount offer.
2. As my business has completed 12 years in the market, now I would like to have a new cloud database set up. The tool which is needed for having a new cloud database set up will help to track the performance and will help to identify the more production and it should be cost effective. The tool will help to create a cost building structure and productivity in the business. The example of the tool is MySQL server. The three common file format which the computer systems use for transferring the data between two systems are Word document(.doc), PDF (.pdf) and Excel document (.xls/.xlsx).