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PROBLEM

- Background : Meridian Studies is on the first Educational Consulting Startup that was recently started by Ashwini Sonar in the city of Raipur. Initially it started with just 1 client. But this number gradually increased year after year due to high performance of the company. Because of their really amazing services Meridian Studies is now considered as one of the best educational consulting startups of our state
- Problem Statement : Recently Meridian Studies saw a tremendous increase in their client base. They were also able to open 3 new offices in three different locations. They also added a lot of new employees in the past one year and there are lot of transaction that are taking place each and every week. Initially when the start-up was founded, The owner and some of the employees used to keep track of everything by recording the events in separate files. But now it has become nearly impossible for the owner and other employees to keep track of each and every activity that is happening on a daily basis in a systematic and concise manner. So the owner has requested us to design a database capable of storing comprehensive information about each and every aspect of their business.
- Objective : The objective of this project is to design a fully functional database capable of storing information regarding each and every aspect of the business as requested by the owner of the company. We also plan to learn more about the business as it would help us design the database in more appropriate manner.

SOLUTION DESIGN

- Understanding the Business Requirement : The first and one of the most important step in designing a database is understanding the business and understanding the requirement of the business. If we have proper understanding of these two aspects we will be able to incorporate each and every aspect of business required to run it in our design. So we did a lot of research about the educational consulting industry and we also discussed with owner of the Meridian Studies in detail about the requirement of the business.
- Requirement of the Database : Based on our research and discussion with the owner we got to know that the database should mainly contain two different kinds of information. First, It should contain information about our Clients, their education and experience details, their scores in different examinations, their family background, their contact details and their admission details etc. Second, It should contain information about employees, branches, other associated organizations and transaction details.
- Approach : After gathering information about the business requirement the next and most difficult part was to connect the dots between different components (entity types) of the business. We are currently working on this part and we are on the verge of finishing this part. After this we would be designing EER and UML model using Visio or Lucid chart. And after that we plan to deploy our model in MySQL. And finally we will be performing different Queries to show full functionality of our database.