Bank Database System

Background and Purpose:

Banks, as the oldest lending organizations, handle some of a person's most sensitive information in massive amounts. A relational database management system will allow banks to store, conduct actions on, and retrieve data, which is a major expectation from a customer's perspective. Furthermore, having a relational database ensures backup and recovery in the event of a crash. The ability to use the correct data and analytics can mean the difference between customer growth and depletion. Effective data management and analysis is the greatest approach to acquire this information. Storing data can help banks analyse several trends which will help answer questions like who is a major depositor in the bank, what is happening with the money deposited by clients. Such insights will aid in the growth of a bank.

Below are some of the advantages of a relational database -
- Customer service has improved
- More effective risk management
- Using queries to fetch real-time data

Mission:

To create a database which helps a bank/financial institution manage their day to day operations easily and efficiently**.**

Mission Objective:

A Bank generates large amounts of data everyday and the data and the relation between the different entities of the database keeps on changing every second.
 The data model should help achieve the following objectives:
- Create a Scalable data model
- Maintain Data integrity and accuracy
- Manage data of Employees, Customers and Transactions
- Coordinate and share data between different branches and departments
- Creating an easily accessible data model for storing and retrieving data