

# **DATABASE MANAGEMENT SYSTEMS**

## **(UE17CS252)**

### **PROJECT REPORT**

#### **PROJECT TITLE: BANKING MANAGEMENT SYSTEM**

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**PROBLEM STATEMENT:** Bank managers and employees require a quick and hassle free way to retrieve information from their client accounts for their customer's, tax purposes, advertising schemes, financial balance, keeping track of suspicious activity etc. They need a system that allows them to access all this information, a banking management system.

**PURPOSE:** Our project aims to provide the bank (user) with the required resources to keep track of each customer's account. This will allow easy accessibility to all financial transactions that links the customer and their respective bank account. This includes essential personal details of the customer the account number, branch, the main employee assigned to each customer, loans withstanding and credit cards linked to the account. Using our management system, more detailed information regarding each of these sectors will be easily available to the user. Relations between each of these important aspects are clearly defined, so as to maintain a logical system which can be accessed from different points of view depending on the information that is required to be gathered at the moment by the user.

**MINI WORLD:** Our database contains customers with their personal details, employees that are primarily assigned to these customers and loans with their reference numbers and amounts to be paid. The mini world also contains the branch linked to where the loan was taken and each customer's account, along with credit cards- with card numbers, credit limits and expiry dates. Our mini world contains all the information required for the bank to understand the financial behaviour of the customers that hold accounts with them.