**Scenario Description:**

In an “**Online Banking System Database**” the **Bank** has **Employees** who manage the **App**. The **App** stores **Transaction Records** and manages the **Salaries** which are taken by the **Employees.** The **App** gives services to the **Customers** such as giving **Loans**  andopening **Accounts.** The **Accounts** can access **Transaction Records** through the **App**. The system stores bank id (**BANK\_ID**), name of the bank (**BANK\_NAME**) and address of the bank (**BANK\_ADDRESS**). The system stores employee id (**E\_ID**), name of the employee (**E\_NAME**), their dates of hiring (**HIREDATE**), number of months worked(**MONTHS\_WORKED**), type of job (**E\_TYPE**), amount of salary(**E\_SAL**) and email of the employee(**EMAIL**). The system stores app number (**APP\_NO**.) and app name(**APP\_NAME**).The system stores salarynumbers (**S\_NUM**) as well as date and time they were received by the employees(**SAL\_DATE\_&\_TIME**). The database also stores transaction amounts(**T\_AMOUNT**), transaction numbers(**T\_NO**.) and date and time of the transactions(**T\_DATE\_&\_TIME**).The database also stores loan numbers(**LOAN\_NO**.), loan amount (**LOAN\_AMOUNT**), type of loan(**LOAN\_TYPE**) and time & date the loan was given(**L\_DATE\_&\_TIME**). The system stores customer id (**C\_ID**), name of customer(**C\_NAME**), phone number (**PHONE\_NUMBER**), customer address(**C\_ADDRESS**), date of birth(**DATE\_OF\_BIRTH**), and age of the customer(**AGE**).The database stores account number(**A\_NO**.), type of account(**A\_TYPE**) and account balance(**A\_BAL**). The bank has multiple employees. An employee works at the bank. Several employees manage the app. The employees acquire their own salaries. The app stores millions of transaction records. The app offers several loans to several customers. The app provides services to all of the customers. One customer can take multiple loans as well as opening multiple accounts. One account has access to all the transaction records associated with that particular account. Employees can have many emails. Customers may have multiple phone numbers. Months of employment is derived from Hiredate while Age of the customer can be calculated from date of birth of the customers present in the system.

