Cloud Project

ON

BANK MANAGEMENT SYSTEM



**Submitted By-**

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Introduction

Bank Management System (BMS) is an online platform for delivering various services to its customers like that of loan, interests, Pay/send money, account registration, manager login.

Requirements Analysis

Users can include any individual with a valid id proof such as pancard number or adhaar card number.

Users can login with their valid userid and password combination.

Manager login will be provided so as to revive the blocked accounts for some reason or to permit the cash/loan transactions of large amounts.

|  |  |
| --- | --- |
| customer\_id | Integer |
| Name | Varchar(256) |
| Password | Text |
| Verification\_type | Varchar(256) |
| Verification\_number | Varchar(256) |
| Status(active/blocked) | Varchar(256) |
| Security\_question | Text |
| Security\_answer | text |

User Table :

Admin table

|  |  |
| --- | --- |
| Admin\_id | Integer |
| Name | Text |
| Password | Text |

Transaction table :

|  |  |
| --- | --- |
| Transaction\_id | Integer |
| User\_id\_from | Integer |
| User\_id\_to | Integer |
| Amount | Integer |
| Timestamp | Date |
| Mode(check/cash) | Varchar(256) |
| Status(pending/success) | text |

User and accounts table :

|  |  |
| --- | --- |
| User\_id | Integer |
| Account\_id | Integer |
| Account\_type | Text |
| Amount | Integer |
| Pin | Integer |
| Loan | Integer |

Loan table :

|  |  |
| --- | --- |
| Loan\_id | Integer |
| Transaction\_id | integer |
| Account\_id | Integer |
| Rate | Double |
| Principal | Integer |
| Duration | integer |

|  |
| --- |
| Admin\_table |
| Admin\_id  Name  Password |

|  |
| --- |
| Loan\_table |
| Loan\_id  Transaction\_id  Account\_id  Rate  Principal  Duration |

|  |
| --- |
| Transaction\_table |
| Transaction\_id  User\_id\_from  User\_id\_to  Amount  Timestamp  Mode(check/cash)  Status(pending/success) |

|  |
| --- |
| User\_table |
| Customer\_id  Name  Password  Verification\_type  Verification\_number  Status(active/blocked)  Security\_question  Security\_answer |

|  |
| --- |
| Accounts |
| User\_id  Account\_id  Account\_type  Amount  Pin  Loan |

One Many

One

One

Many

One

HLD