**PROBLEM DEFINITION STATEMENT FOR A BANKING PROGRAM**

**AIM:**

To create a simple banking program that will allow the user to login to their account and make Deposits, Withdrawals and Transfer money.

**PROBLEM DEFINATION:**

At the moment the customers have to go to the bank to deposit and withdraw money. Which makes it hard for the customers to go to the bank physically every time they require to deposit, withdraw and transfer money.

**SOLUTION:**

To make our customers lives easier we are creating a simple banking system that allows our customers to login to their account and perform desired transactions online.

**IMPACT ANALYSIS:**

Customers will be able to do transaction from any part of the world with our online banking system.

To be eco-friendly we reduce the usage of papers (withdrawal and deposit forms).

**DATA DICTIONARY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FIELD NAME** | **DATA TYPE** | **FIELD SIZE** | **DESCRIPTION** | **EXAMPLE** |
| username | String | 20 | Username | Febinchacko31 |
| password | String | 20 |  | Febin1234! |
| Account no | Int | 30 |  | 12345678990123123123 |
| Balance | Float | 20 |  | 12,000 |
| Return Balance | Float | 20 |  | 12 |
| Update Balance | Float | 20 |  | 10,000 |
| name | String | 20 |  | Febin Chacko |
| Phone number | Int | 20 |  | 07319831238 |
| Age | Byte | 2 |  | 12 |
| DOB | Date | 6 | dd/mm/yyyy | 09/09/1999 |