*Software Requirements Specification*

**Document ID:Bank Application Management System**

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**Date: 28-MAY-2022**

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* **Objective and Scope**

The objective and the scope of the project is to build a Bank Application System that is capable of deposit,withdrawal money to their account and can transfer money to other valid accounts.

The scope of the product includes the following basic features:

* User mail Id and password to be check from database and should be validated if the user try to Log In. If he tries to SignUp,the user details should be taken as input and should be stored to the database.
* After the validation, it should be redirected to the Main Page of the Bank Application. If there are any validation errors occured,the user should be redirect to the Log In page again.
* The user should be able to do deposit,withdrwal,amount transfer,to view their transaction history,bank balance.
* In withdrawal ,the user should be allowed to withdraw money,when account balance > withdrawal money.
* In amount transfer ,the user should be allowed to transfer money,when account balance > transfer money.
* **Project End Users**

Those who require the campaigning features can integrate this system along with theirs.

* **Features**
* **Login / SignUp**

Each and every user should be authenticated with a User Name and Password to login into the system.

Validations for User Name and Password.

User Name: It accepts only Alphabets, Numbers, Dot (.) symbol and Underscore (\_) symbol.

Password: It can be anything of the users’ choice.

SignUp page should contains name,phone number,password field

User Name: It accepts only Alphabets, Numbers, Dot (.) symbol and Underscore (\_) symbol.

Password: It can be anything of the users’ choice.

* **Encryption on storing new user credentials**

When new user enters a password,that should be encryted and stored with the next alphabet

Example password: Apple -- > Bqqmf

* **Change Password**

User should be able to change their password privately

* **Deposit**

The user should be able to deposit money privately and it should be updated on transaction history also

* **Withdrawl**

The user should be able to withdrawl money privately and it should be updated on

transaction history also.

* **Transaction History**

The user should be able to view transaction history.

* **Account Balance**

The user should be able to view their account balance

* **LogOut**

The user should be able to log out successfully.And the user should be redirect to LogIn page