**<MAKK>**

**<Banking and Money Transfer System>**

**Written Requirements**

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Authors** | **Description of Change** | **Sections** | **Rev** | **Date** |
| Alexander Truong | Initial Written Requirements | All | 0 | 2/27/18 |
|  |  |  |  |  |

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# Team Description

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# Terminology

The following table defined terms used within this document.

|  |  |
| --- | --- |
| **Term** | **Definition** |
| Account | Record and description of the user’s personal information; the user creates an alias to log into to deposit or transfer funds |
| Activation | Turn on; allows something to be used |
| Bank | Financial establishment where customers stores money, pays it out when requested |
| Banking System | Electronic bank where users can deposit their funds to or transfer their funds from |
| Deactivation | Turn off; does not allow something to be used |
| Deposit Funds | Funds the user puts into the banking system to be kept |
| Funds | Money |
| Password | A key that is necessary for users to access their account; generated by the user |
| Recipient | The person who is presented with the funds transferred from the user |
| Success | When a requirement has been fulfilled |
| Transfer Funds | Moving funds from one place to another |
| Unsuccessful | When a requirement has not been fulfilled |
| User | The person who is using the application; the consumer |

# Banking and Money Transfer System

${"#section":{"features":["News Reader Installed"]}}$

## <Overview>

The banking system shall support the following capabilities:

* Account Creation
* Edit Account Information
* Deposit Funds into Account
* Transfer Funds to Account
* Regulate Minimum Balance
* Send Email Alerts

## <Account Creation>

The system **shall** support creation off accounts for users to deposit or transfer funds when all the following conditions are met:

### <Personal Information Correct>

The user inputs their current first and last name, address, e-mail address, city, zip code, social security number, and account user name.

### <Password Created>

The user provides a password that is at least 4 characters long and contains at least one digit.

### <Bank Account Linked>

The user has successfully linked their bank account to the application.

## <Edit Account Information>

The system **shall** allow users to edit their account information when all the following conditions are met:

### <Account User Name Correct>

The user inputs their correct account user name.

### <Account Password Correct>

The user inputs the correct password for the account they are logging into.

## <Deposit Funds into Account>

The system **shall** allow users to deposit funds into their account when any of the following conditions are met:

### <Debit Card Deposit>

The user enters their debit card information to deposit funds into their account.

### <Credit Card Deposit>

The user enters their credit card information to deposit funds into their account.

## <Transfer Funds to Account>

The system **shall** allow users to transfer a specified amount of funds to another account when all the following conditions are met:

### <Enter Recipient>

The user enters a recipient to transfer funds to.

### <Enter Fund Amount>

The user specifies an amount of funds to transfer the funds to the recipient.

## <Regulate Funds>

The system **shall** not allow users to pay a bill or transfer funds to another account when one of the following conditions are met:

### <Insufficient Funds>

The user does not have enough funds to pay a bill or to transfer to a recipient.

### <Minimum Balance>

The user attempts to pay a bill or transfer their funds to a recipient higher than the minimum balance set by the user.

## <Send Email Alerts>

The system **shall** send email notifications to the user when any of the following conditions are met:

### <Successful Deposit>

The user will receive an email if their funds are successfully deposited into their account.

### <Unsuccessful Deposit>

The user will receive an email if their funds are unable to deposit into their account.

### <Successful Transfer>

The user will receive an email if their funds are sent to the recipient the user has entered to transferred funds to.

### <Unsuccessful Transfer>

The user will receive an email if their funds are unable to transfer to the recipient the user has entered to transfer the funds to.

### <Unsuccessful Login>

The user will receive an email when a login attempt to their account has failed.

### <Account Information Changes>

The user will receive an email when changes to their account has been made.

### <Debit Card Request>

The user will receive an email once a debit card has been requested.

### <Debit Card Activation>

The user will receive an email once a debit card has been activated.

### <Debit Card Deactivation>

The user will receive an email if their debit card has been deactivated.