**MAKK**

**Banking and Money Transfer System**

**Test Plan**

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Authors** | **Description of Change** | **Sections** | **Rev** | **Date** |
| Alexander Truong | Initial Test Plan | All | 1 |  |
|  |  |  |  |  |

**Table of Contents**

[1 Team Description 5](#_Toc511328752)

[2 MAKK Tests 5](#_Toc511328753)

[2.1 Banking and Money Transfer System Test Plan Description 6](#_Toc511328754)

[2.2 Account Creation 6](#_Toc511328755)

[2.2.1 Personal Information 6](#_Toc511328756)

[2.2.2 Password Created 6](#_Toc511328757)

[2.3 User Login 7](#_Toc511328758)

[2.3.1 Login 7](#_Toc511328759)

[2.4 User Log Out 7](#_Toc511328760)

[2.4.1 Logout 7](#_Toc511328761)

[2.4.2 Close Program 7](#_Toc511328762)

[2.5 Edit Account Information 7](#_Toc511328763)

[2.5.1 Edit Account 7](#_Toc511328764)

[2.6 Transfer Funds to Account 8](#_Toc511328765)

[2.6.1 Enter Recipient 8](#_Toc511328766)

[2.6.2 Funds Are Entered 8](#_Toc511328767)

[2.6.3 Fund Amount Does Not Exceed Amount of Funds in Account 8](#_Toc511328768)

[2.7 Deposit Funds into Account 8](#_Toc511328769)

[2.7.1 Debit Card Deposit 8](#_Toc511328770)

[2.7.2 Debit Card Activated 8](#_Toc511328771)

[2.8 Debit Card Request 8](#_Toc511328772)

[2.8.1 Address Registered with Account 8](#_Toc511328773)

[2.8.2 Debit Card Limit Not Exceeded 9](#_Toc511328774)

[2.9 Debit Card Enabled 9](#_Toc511328775)

[2.9.1 Debit Card Number Correctly Entered 9](#_Toc511328776)

[2.10 Debit Card Cancellation 9](#_Toc511328777)

[2.10.1 Cancellation Request 9](#_Toc511328778)

[2.11 Display Alerts 9](#_Toc511328779)

[2.11.1 Unsuccessful Deposit 9](#_Toc511328780)

[2.11.2 Successful Transfer 9](#_Toc511328781)

[2.11.3 Unsuccessful Transfer 9](#_Toc511328782)

[2.11.4 Unsuccessful Login 10](#_Toc511328783)

[2.11.5 Account Information Change 10](#_Toc511328784)

[2.11.6 Debit Card Request 10](#_Toc511328785)

[2.11.7 Debit Card Activation 10](#_Toc511328786)

[2.11.8 Debit Card Deactivation 10](#_Toc511328787)

[2.11.9 Debit Card Cancelled 10](#_Toc511328788)

[2.11.10 Debit Card Limit Reached 10](#_Toc511328789)

[2.12 Verification Cross Reference Matrix 11](#_Toc511328790)

# Team Description

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# MAKK Tests

The following tests will demonstrate how each procedure will be handled within the MAKK Banking and Money Transfer System. It will outline all of the requirements that have been stated within the Written Requirements, and each of these must be tested in the future.

## Banking and Money Transfer System Test Plan Description

The software and code for the banking and money transfer system will be tested itself. White-box testing will be conducted upon the software to ensure every path is executed at least once. We will be coding a driver to test each one of these cases, testing all the following cases:

* Account Creations
* Account Deletions
* User Login
* User Log Out
* Editing Account Information
* Transferring Funds in/out Accounts
* Debit Card Requests
* Enabling Debit Cards
* Debit Card Cancellations
* Displaying Alerts

All the preceding fields will be tested on a windows platform via Microsoft Visual Studio. Test Definition

## Account Creation

Test account creation – make sure new accounts are stored correctly and are accessible by the user.

### Personal Information

RID – 0201, RID – 0202, RID – 0203, RID – 0204, RID – 0205, RID – 0206, RID – 0207, RID – 0208

### Password Created

RID – 0209

## User Login

Test User Login – test if the user is able to log into their account if they input an existing username and the correct password associated with that username’s account.

### Login

RID – 0301

## User Log Out

Test User Log Out – ensure the user’s account information is saved and is no longer accessed when the user either closes the program or clicks the log out button.

### Logout

RID – 0401

### Close Program

RID – 0402

## Edit Account Information

Test Account Editing – save the user’s desired changes to their account if the user decides to update their desired information to be changed associated with the account.

### Edit Account

RID – 0501

## Transfer Funds to Account

Test Fund Transfers – ensure funds that are transferred from one account to another is successful.

### Enter Recipient

RID – 0601

### Funds Are Entered

RID – 0602

### Fund Amount Does Not Exceed Amount of Funds in Account

RID – 0603

## Deposit Funds into Account

Test Fund Deposits – ensure funds are successfully deposited into a person’s account when they add funds into their account.

### Debit Card Deposit

RID – 0701

### Debit Card Activated

RID – 0702

## Debit Card Request

Test Debit Card Request – confirm when a user requests a new debit card and provides a new debit card number to the person’s account if the conditions below are met.

### Address Registered with Account

RID – 0801

### Debit Card Limit Not Exceeded

RID – 0802

## Debit Card Enabled

Test Debit Card Activation – check if the user can enable an inactive debit card.

### Debit Card Number Correctly Entered

RID – 0901

## Debit Card Cancellation

Test Debit Card Cancellation – check if the user can disable an active debit card.

### Cancellation Request

RID – 1001

## Display Alerts

Test Alerts – ensure the user is displayed an alert depending on the action for each of the cases listed below.

### Unsuccessful Deposit

RID – 1101

### Successful Transfer

RID – 1102

### Unsuccessful Transfer

RID – 1103

### Unsuccessful Login

RID – 1104

### Account Information Change

RID – 1105

### Debit Card Request

RID – 1106

### Debit Card Activation

RID – 1107

### Debit Card Deactivation

RID – 1108

### Debit Card Cancelled

RID – 1109

### Debit Card Limit Reached

RID – 1110

## Verification Cross Reference Matrix

|  |  |
| --- | --- |
| **Requirement Identifier** | **Where Tested** |
|  |  |
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|  |  |
|  |  |
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