Bank Management Application

Project Functional Requirement Specification

Contents

1.Purpose of the document

This is not a project plan. It is a guide for system architecture and development, not for phasing, timelines or deliverables.

This document is divided into two sections:

 • Project Overview

 • Information Architecture

2.Project Overview

2.1 Audience

This document is intended as a complete guide for using Bank Management Application 2.0. This document is specially designed for non-specialists; specialists may find the document a useful point of reference.

By reading this guide, you will learn how to use Bank Management Application through the elements of the graphical user interface and what's behind some of the advanced features that are not always obvious at first sight.

It will hopefully guide you around some common problems that frequently appear for users of this application.

2.2 Hardware and Hosting

Bank Management Application's servers will be hosted at Capital One American Bank company's site. The app will be hosted on two servers: one to host the actual website and (language) code, and the other to host the (database name) database.

3. Information Architecture

Log in to the app system using your user account that has been created by the HR Admin as shown in figure below.

3.1 Login module

In order to access his account, a user needs to login to it first.

For that access the following link -> demo.guru99./Agile_Project/Agi_V2/index.php .

The login page will be uploaded.

The valid credentials for demo login process are specified in the bottom left corner of the login window.

After you filled the fields with the credentials, click on **LOGIN** button.

If you want to reset the used credentials, click on **RESET** and the fields are going to be blanked.

If any of these credentials are invalid, an error message is displayed in the top of the page just as in the next picture.

3.2 Balance Enquiry module

A customer can have multiple bank accounts.

He is able to view balance of his accounts only.

After login process is successfully complete the following window will appear.

After that, in order to see balances of accounts, click on "**Balance Enquiry**".

A window like this should appear.

In order to proceed, select the account number from the dropdown list.

After that, click on **SUBMIT**.

If you want to change the account number, click on **RESET** and reselect the account number.

A similar window will pop up.

To return to the Home page, click on **Home** button.

Technical Requirements:

- Account number must not be blank
- Special characters are not allowed
- Characters are not allowed

Functional validations:

- Customer can view balance on only his accounts
- Entered account number should exist in database

3.3 Mini statement module

A customer can see mini-statement of only his own accounts.

For this, access the **Mini Statement** section from the main menu.

You should enter in the following section.

Mini Statement Form

Account No [Select Account ⌄]
[Submit] [Reset]

Home

List of fields:

- Account number
- SUBMIT button
- RESET button

Select the account number from the list.

If you want to select another account, just browse through the dropdown list and select it. Or, you can click on **RESET** button and then select another account.

After that, press **SUBMIT**.

A similar window will be open.

Last Five Transaction Details for Account No: 3309

Transaction ID	Amount	Transaction Type	Date of Transaction	Description
151700	20000	t	2020-10-23	wwTansfer To3308
151699	10000	t	2020-10-23	yv Tansfer From 3308
149688	100	w	2020-10-05	bill
129210	245	t	2019-11-09	aefwTansfer To3308
107478	2000	t	2019-04-09	~!@#$%Tansfer To3308

Continue

Home

Technical Requirements:

- Account number must not be blank
- Special characters are not allowed
- Characters are not allowed

Functional validations:

- If account number is not valid, the system displays an error

In order to return to the Home page, you can either press **Continue** or **Home** button.

3.4 Fund Transfer module

A customer can transfer funds from his account to any destination account.

From home page, access the "**Fund Transfer**" section.

You should get something like this.

Last Five Transaction Details for Account No: 3309

Transaction ID	Amount	Transaction Type	Date of Transaction	Description
151700	20000	t	2020-10-23	wwTansfer To3308
151699	10000	t	2020-10-23	yv Tansfer From 3308
149688	100	w	2020-10-05	bill
129210	245	t	2019-11-09	aefwTansfer To3308
107478	2000	t	2019-04-09	~!@#$%Tansfer To3308

Continue

Home

List of fields:

- Payers account number
- Amount
- SUBMIT option
- RESET option

Technical Requirements:

- Payers account number must not be black
- Special characters are not allowed
- Characters are not allowed
- Amount field must not be blank
- Description must not be blank

Functional validations:

- If the destination account number is not valid, system displays an error -> "Account does not exist!"
- If the source and destination numbers are the same, system displays an error
- If the source account does not have the necessary balance, system displays an error
- If the source account is not associate with customer, system throw an error

3.5 Password Change module

A customer can change password of only his account.

List of fields:

- Old password
- New password
- Confirm password
- SUBMIT
- RESET

Technical Requirements:

- Old password must not be blank
- New password must not be blank
- Enter at least one numeric value
- Enter at least one special character
- Choose a difficult password
- Passwords do not match

Functional requirements:

- If old is invalid, system displays an error.

NOTE: unfortunately, in this demo version, this function is not released.

3.6 Customized Statement module

A customer can see customized statement of only his accounts.

List of fields:

- Account number
- From Date
- To Date
- Minimum Transaction Value
- Number of Transaction
- SUBMIT
- RESET

Technical Requirements:

- Account number – account number must not be blank
- Account number – characters are not allowed
- Account number – special characters are not allowed
- Minimum transaction value – special characters are not allowed
- Minimum transaction value – amount lower limit is required
- Minimum transaction value – characters are not allowed

- Number of transaction – special characters are not allowed
- Number of transaction – minimum transaction value must not be blank
- Number of transaction – characters are not allowed

Functional validations:

- If account number is invalid, system displays an error.
- If From Date is greater than To Date, system displays an error.

NOTE: unfortunately, in this demo version, this feature is not released.

4. Sign-Off Document

The following parties have read and agree with this Requirements Definition document for the Bank Management application account module functionality.

After approval of this Requirements Definition phase, any significant changes in the scope of this project will require validation of existing project costs and schedules.

_____   _____

    Name   Date

  Business Lead

_____   _____

    Name   Date

Project Manager