

OOAD REPORT
CSE24-048
INTEGRATION TESTING

Introduction

Numerous testing was conducted on the banking system that was created for the client to make sure it was flawless. This report's integration testing section focuses on the real tests that were carried out to verify functionality.

TEST	OUTCOME
1. Controllers - CloseAccountController - CreateAccountController - DepositController - HistoryController - LoginController - TransferController - ViewaccountsController - WithdrawController	Success
2. Interface(GUIs) - close_account.fxml - create_account.fxml - deposit.fxml - history.fxml - login.fxml - view_accounts.fxml	Success
3. Data Storage - For the storage of data the system relies on a simple file system instead of a database	Semi-Successful
4. Services - This refers to the business logic and application rules specified in the requirements elicitation	Success

Below are taken screenshots of the system working and successfully achieving the above. They serve as proof to the functionality of the system.

Banking System

Banking System

Secure Banking Solution

SIGN INREGISTER

Username

Password

Sign In

Tabulawa Was Here

Banking System

Banking System - Main Menu

Logout

Create Account

Close Account

View Accounts

Deposit

Withdraw

Transfer

View History

Create Account

Account TypeSAVINGSClassPERSONAL

Initial Deposit (BWP)1234

Employer (Cheque only)

Create

Banking System

Banking System - Main Menu

Logout

Create Account

Close Account

View Accounts

Deposit

Withdraw

Transfer

View History

Close Account

AccountB9BCCE4E

Close

Banking System

Banking System - Main Menu

Logout

Create Account

Close Account

View Accounts

Deposit

Withdraw

Transfer

View History

Your Accounts

B9BCEE4E - SAVINGS (PERSONAL) BWP 1234

Banking System

Banking System - Main Menu

Logout

Create Account

Close Account

View Accounts

Deposit

Withdraw

Transfer

View History

Deposit Funds (BWP)

Account

B9BCEE4E - SAVINGS

Amount

Reference

Optional

Deposit

Banking System

Banking System - Main Menu

Logout

Create Account

Close Account

View Accounts

Deposit

Withdraw

Transfer

View History

Withdraw Funds (BWP)

Account

B9BCEE4E - SAVINGS

Amount

0.00

Withdraw

Banking System

Banking System - Main Menu

Logout

Create Account

Close Account

View Accounts

Deposit

Withdraw

Transfer

View History

Transfer Funds (BWP)

From Account

B9BCCE4E

To Account

Amount

0.00

Transfer

Banking System

Banking System - Main Menu

Logout

Create Account

Close Account

View Accounts

Deposit

Withdraw

Transfer

View History

Transaction History

Account

B9BCCE4E

Type	Amount	Time	Reference	Balance After
DEPOSIT	BWP 1234	2025-11-24T22:24:29.957626100	Initial deposit	BWP 1234