

# MANUAL TEST CASE REPORT

## Automated Banking Website

### 1. Introduction

An Automated Banking Website provides online banking services that allow customers to perform financial operations such as account management, fund transfers, bill payments, transaction history viewing, and profile updates without visiting a physical bank branch.

This manual test case report focuses on validating the functional correctness, reliability, and usability of the automated banking system.

### 2. Objective of Testing

The objectives of this manual testing are to:

- Verify core banking functionalities
- Ensure secure and accurate financial transactions
- Identify functional and usability defects
- Validate compliance with business and user requirements

### 3. Scope of Testing

#### In Scope

- User Registration & Login
- Account Dashboard
- Balance Inquiry
- Fund Transfer
- Bill Payments
- Transaction History
- Profile Management
- Logout Functionality

#### Out of Scope

- Performance testing
- Load and stress testing
- Security and penetration testing

## 4. Testing Environment

| Parameter        | Details                       |
|------------------|-------------------------------|
| Application Type | Web-based Banking Application |
| Browser          | Chrome, Firefox               |
| Operating System | Windows 10                    |
| Testing Type     | Manual Functional Testing     |
| Test Data        | Dummy banking user data       |

## 5. Test Scenarios and Test Cases

### 5.1 User Registration Module

| Test Case ID | Test Case Description        | Steps                             | Expected Result          | Status |
|--------------|------------------------------|-----------------------------------|--------------------------|--------|
| TC_REG_01    | Register with valid details  | Enter valid name, email, password | Registration successful  | Pass   |
| TC_REG_02    | Register with existing email | Use registered email              | Error message displayed  | Pass   |
| TC_REG_03    | Register with blank fields   | Leave mandatory fields empty      | Validation message shown | Pass   |

### 5.2 Login Module

| TEST CASE ID | DESCRIPTION                  | STEPS                        | EXPECTED RESULT         | STATUS |
|--------------|------------------------------|------------------------------|-------------------------|--------|
| TC_LOG_01    | Login with valid credentials | Enter valid email & password | Login successful        | Pass   |
| TC_LOG_02    | Login with invalid password  | Enter wrong password         | Error message displayed | Pass   |
| TC_LOG_03    | Login with blank fields      | Click login without inputs   | Validation error        | Pass   |

### 5.3 Account Dashboard Module

| Test Case ID | Description          | Steps                | Expected Result             | Status |
|--------------|----------------------|----------------------|-----------------------------|--------|
| TC_DASH_01   | View account balance | Login → Dashboard    | Balance displayed correctly | Pass   |
| TC_DASH_02   | View account details | Open account summary | Account info displayed      | Pass   |

### 5.4 Fund Transfer Module

| Test Case ID | Description                        | Steps                            | Expected Result         | Status |
|--------------|------------------------------------|----------------------------------|-------------------------|--------|
| TC_FT_01     | Transfer funds to same bank        | Enter valid beneficiary & amount | Transfer successful     | Pass   |
| TC_FT_02     | Transfer funds to another bank     | Enter IFSC & details             | Transfer successful     | Pass   |
| TC_FT_03     | Transfer with insufficient balance | Enter high amount                | Error message displayed | Pass   |
| TC_FT_04     | Transfer with invalid beneficiary  | Enter wrong details              | Validation error shown  | Pass   |

### 5.5 Bill Payment Module

| Test Case ID | Description                | Steps                       | Expected Result           | Status |
|--------------|----------------------------|-----------------------------|---------------------------|--------|
| TC_BILL_01   | Pay utility bill           | Select biller → Pay         | Payment successful        | Pass   |
| TC_BILL_02   | Pay bill with invalid data | Enter incorrect bill number | Error message displayed   | Pass   |
| TC_BILL_03   | Cancel bill payment        | Click cancel                | Transaction not processed | Pass   |

## 5.6 Transaction History Module

| Test Case ID | Description              | Steps                    | Expected Result        | Status |
|--------------|--------------------------|--------------------------|------------------------|--------|
| TC_TXN_01    | View transaction history | Open transaction history | Transactions displayed | Pass   |
| TC_TXN_02    | Filter transactions      | Apply date filter        | Filtered data shown    | Pass   |

## 5.7 Profile Management Module

| Test Case ID | Description             | Steps                    | Expected Result     | Status |
|--------------|-------------------------|--------------------------|---------------------|--------|
| TC_PRO_01    | Update profile details  | Edit profile → Save      | Profile updated     | Pass   |
| TC_PRO_02    | Change password         | Enter old & new password | Password changed    | Pass   |
| TC_PRO_03    | Invalid password format | Enter weak password      | Error message shown | Pass   |

## 5.8 Logout Module

| Test Case ID | Description         | Steps         | Expected Result          | Status |
|--------------|---------------------|---------------|--------------------------|--------|
| TC_LOGO_01   | Logout from account | Click logout  | User logged out securely | Pass   |
| TC_LOGO_02   | Session timeout     | Stay inactive | Auto logout occurs       | Pass   |

## 6. Test Data

- Valid Username:** user123
- Valid Password:** Test@123
- Invalid Password:** 1234
- Valid Account Balance:** ₹50,000
- Transfer Amount:** ₹5,000

## 7. Defects Summary

| Defect ID | Description                         | Severity | Status |
|-----------|-------------------------------------|----------|--------|
| DF_01     | Delay in transaction history update | Medium   | Fixed  |
| DF_02     | Password validation message unclear | Low      | Open   |

## 8. Conclusion

The manual testing of the **Automated Banking Website** was conducted systematically to validate all critical banking functionalities, including user login, account dashboard, balance inquiry, fund transfer, bill payments, transaction history, and profile management. Each module was tested against the specified requirements to ensure accuracy, reliability, and user-friendly operation.

The testing results confirm that the application performs secure and correct financial transactions under normal usage conditions. Minor defects identified during testing were properly documented and communicated for resolution, contributing to improvements in overall system quality.

In conclusion, the automated banking website meets its functional requirements and is **stable, reliable, and ready for deployment**, with scope for future enhancements in security, performance, and user experience.