**Testing Document**

Sample Banking Application

Project Name: Sample Banking Application.

Module Name: Login

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS01

Test Scenario Description: Verify the login functionality of the Sample Banking Application.

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| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Enter a valid user name and password. | Username: oli.csecu@gmail.com  Password: 123 | A valid url.  Test data. | User logged in into the system. | Successful login | Successful login | Passed | No Comments |
| TC02 | Enter a valid user name and invalid password | Username: oli.csecu@gmail.com  Password: 456 | A valid url.  Test data | Login failed with error message “Bad Credentials” | Login failed | Login failed | Passed | No Comments |
| TC03 | Enter an invalid user name and valid password | Username: a@abc.com  Password: 123 | A valid url.  Test data | Login failed with error message “Bad Credentials” | Login failed | Login failed | Passed | No Comments |
| TC04 | Enter an invalid user name and invalid password | Username: a@abc.com  Password: 456 | A valid url.  Test data | Login failed with error message “Bad Credentials” | Login failed | Login failed | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Create Users

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS02

Test Scenario Description: Verify the create user functionality of the Sample Banking Application.

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| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Create a user with admin role with valid employee id by filling out all the fields of the form. | ID: 200  First Name: oli  Last Name: Khan  Email: [oli.csecu@gmail.com](mailto:oli.csecu@gmail.com)  Mobile: 01832235611  Role: admin | A valid url.  Test data. | User created with “user created successfully message”. Created user will receive an email containing his/her username and an 8-digit alphanumeric password. | User created successfully. | User created successfully. | Passed | No Comments |
| TC02 | Create a user with admin role with valid employee id by filling out all the fields of the form. | ID: 201  First Name: Rahim  Last Name: Khan  Email: [rahim@gmail.com](mailto:rahim@gmail.com)  Mobile: 01832235612  Role: user | A valid url.  Test data. | User created with “user created successfully message”. Created user will receive an email containing his/her username and an 8-digit alphanumeric password. | User created successfully. | User created successfully. | Passed | No Comments |
| TC03 | Create a user with admin role with invalid employee id by filling out all the fields of the form. | ID: 00  First Name: Rahim  Last Name: Khan  Email: [rahim@gmail.com](mailto:rahim@gmail.com)  Mobile: 01832235612  Role: admin | A valid url.  Test data. | User creation failed with message “Employee not found”. No email sent. | User Creation failed. | User Creation failed. | Passed | No Comments |
| TC04 | Create a user with user role with invalid employee id by filling out all the fields of the form. | ID: 00  First Name: Rahim  Last Name: Khan  Email: [rahim@gmail.com](mailto:rahim@gmail.com)  Mobile: 01832235612  Role: admin | A valid url.  Test data. | User creation failed with message “Employee not found”. No email sent. | User Creation failed. | User Creation failed. | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: users

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS03

Test Scenario Description: Verify the User creation functionality of the Sample Banking Application.

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| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Check out the list of valid users of the system with admin privileges. | None | User logged in into the system with admin privileges.  A valid url. | User sees the list of all valid users of the system. | Successful page view. | Successful page view. | Passed | No Comments |
| TC02 | Check out the list of valid users of the system with user privileges. | None | User logged in into the system with user privileges.  A valid url. | User unable to see the list of all valid users of the system. | Page view unsuccessful | Page view unsuccessful | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Update User

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS04

Test Scenario Description: Verify the update user functionality of the Sample Banking Application.

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| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Update a user’s first name. | First name: Rahim. | A selected user data.  A valid url. | User updated successfully with message “user updated successfully”. | Update user successful. | Update user successful. | Passed | No Comments |
| TC02 | Change a user’s role from user to admin. | Role: admin | A selected user data.  A valid url. | User updated successfully with message “user updated successfully”. | Update user successful. | Update user successful. | Passed | No Comments |
| TC03 | Change a user’s role from admin to user. | Role: user | A selected user data.  A valid url. | User updated successfully with message “user updated successfully”. | Update user successful. | Update user successful. | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Reset Password

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS05

Test Scenario Description: Verify the reset password functionality of the Sample Banking Application.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Reset a user’s password | None | User logged into the system with admin role.  A valid url. | Password reset successful with message “password reset successful”. | Password reset successful. | Password reset successful. | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Create Menu

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS06

Test Scenario Description: Verify the create menu functionality of the Sample Banking Application.

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| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Create menu for new page | Menu id: m01  Menu name: new menu  Menu description: This is a new Menu | User logged into the system with admin role.  A valid url. | Menu created with message “menu created successfully” | Menu create successful. | Menu create successful. | Passed | No Comments |
| TC02 | Create menu for new page without filling form properly | Menu id: null  Menu name: new menu  Menu description: This is a new Menu | User logged into the system with admin role.  A valid url. | Menu creation failed with error message under empty input fields | Menu create failed. | Menu create failed. | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Create Role

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS06

Test Scenario Description: Verify the create role functionality of the Sample Banking Application.

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| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Create a new role | Role id: 3  Role name: new menu  Role description: This is a new Menu | User logged into the system with admin role.  A valid url. | Role created with message “role created successfully” | Role create successful. | Role create successful. | Passed | No Comments |
| TC02 | Create new role without filling form properly | Role id: 3  Role name: super admin  Role description: This is a new Role | User logged into the system with admin role.  A valid url. | Role creation failed with error message under empty input fields | Role create failed. | Role create failed. | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: accounts

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS03

Test Scenario Description: Verify the accounts functionality of the Sample Banking Application.

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| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Check out the list of valid accounts of the system with user privileges. | None | User logged in into the system with user privileges.  A valid url. | User sees the list of all valid accounts of the system. | Successful page view. | Successful page view. | Passed | No Comments |
| TC02 | Check out the list of valid accounts of the system with admin privileges. | None | User logged in into the system with admin privileges.  A valid url. | User unable to see the list of all valid accounts of the system. | Page view unsuccessful | Page view unsuccessful | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Document upload

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS04

Test Scenario Description: Verify the document update functionality of the Sample Banking Application.

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| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Upload a customer’s photo. | Customer Image | A selected user data.  A valid url. | Photo uploaded successfully with message “photo uploaded successfully”. | Photo upload successful. | Photo upload successful. | Passed | No Comments |
| TC02 | Upload a customer’s national id image. | Customer’s national id image | A selected user data.  A valid url. | nid uploaded successfully with message “nid uploaded successfully”. | nid upload successful. | nid upload successful. | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Deposit

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS04

Test Scenario Description: Verify the deposit functionality of the Sample Banking Application.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Deposit amount into customer’s account with valid amount | Amount: 1000 | A selected customer account data.  Test data  A valid url. | Deposit successful with message “deposit successful” | Deposit successful. | Deposit successful. | Passed | No Comments |
| TC02 | Deposit amount into customer’s account with invalid amount | Amount: null | A selected customer account data.  Test data  A valid url. | Deposit failed with message “deposit failed” | Deposit failed. | Deposit failed. | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Withdraw

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS04

Test Scenario Description: Verify the withdraw functionality of the Sample Banking Application.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | withdraw amount from customer’s account with valid amount | Amount: 1000 | A selected customer account data.  Test data  A valid url. | Withdraw successful with message “withdraw successful” | Withdraw successful. | Withdraw successful. | Passed | No Comments |
| TC02 | withdraw amount from customer’s account with invalid amount | Amount: bigger than account balance. | A selected customer account data.  Test data  A valid url. | Deposit failed with message “deposit failed” | Withdraw failed. | Withdraw failed. | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Search

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS04

Test Scenario Description: Verify the search functionality of the Sample Banking Application.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Search an account by valid account number and view all information | Account no: 100 | Test data  A valid url. | Account with all information shown. | Search successful. | Search successful. | Passed | No Comments |
| TC02 | Search an account by invalid account number and view all information | Account no: 200 | Test data  A valid url. | No account found with message “no account found” | Search failed. | Search failed. | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Change Password

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS04

Test Scenario Description: Verify the change password functionality of the Sample Banking Application.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Change password with valid old password | Old Password:123  New Password:  456 | Test data  A valid url. | Password changed successfully. | Password changed | Password changed | Passed | No Comments |
| TC02 | Change password with invalid old password | Old Password:931  New Password:  456 | Test data  A valid url. | Password change failed with message “password did not match” | Password change failed. | Password change failed. | Passed | No Comments |

Project Name: Sample Banking Application.

Module Name: Create account

Created By: Md. Oli-Ul Ali Khan

Creation Date:

Reviewed By:

Reviewed Date:

Test Scenario ID: TS04

Test Scenario Description: Verify the create account functionality of the Sample Banking Application.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Case Description | Test Data | Preconditions | Post conditions | Expected Result | Actual Result | Status | Comments |
| TC01 | Create a savings account for a customer by filling out all the fields of the form. | ID: 100  Customer Name: oli  Father’s Name: rowshan ali Khan  Mothers name:waleda begum  Date of birth: 1994-09-15  Cerate date: 2020-05-14  Address: Dhaka  NID: 1234567890  Phone no: 123  Account Type: SAVINGS | A valid url.  Test data. | Account created with “account created successfully message”. | Account created successfully. | Account created successfully. | Passed | No Comments |
| TC02 | Create an account with by not filling out form properly | ID: null  Customer Name: oli  Father’s Name: rowshan ali Khan  Mothers name:waleda begum  Date of birth: null  Cerate date: 2020-05-14  Address: Dhaka  NID: null  Phone no: 123  Account Type: SAVINGS | A valid url.  Test data. | Account creation failed with message under required empty field | Account create failed | Account create failed. | Passed | No Comments |