**LOGIN**

#### ****Admin Login****

### **Positive Test Scenarios**

1. Verify that admins can navigate to the login page.
2. Verify that admins can log in using a valid username.
3. Verify that admins can log in using a valid email.
4. Verify that admins can log in using a valid password.
5. Verify that the "Sign In" button is positioned below the password input field.
6. Verify that upon entering valid credentials, admins are redirected to the dashboard.

### **Negative Test Scenarios**

1. Verify that admins cannot log in using an invalid username.
2. Verify that admins cannot log in using an invalid email.
3. Verify that admins cannot log in using an incorrect password.
4. Verify that when an admin attempts to log in with invalid credentials, an appropriate error message is displayed.
5. Verify that when incorrect credentials are entered, the error message displayed is: **"Login failed. Please check your credentials and try again."**

#### ****Forgot Password****

1. Verify that admins can click on the "Forgot Password" link.
2. Verify that admins receive a password reset link when they request a password reset.
3. Verify that admins are required to enter and confirm a new password.
4. Verify that admins can successfully log in using the newly created password.
5. Verify that only valid email addresses are accepted when requesting a password reset.
6. Verify that the "Forgot Password" link is located below the password input field.

NEGATIVE SCENARIOS

1.      Verify that the reset password link is not broken

2.    Verify that if the new password and confirmation password does not match, the system prompts you

3.    Verify that the password reset links is not sent to unregistered emails.

**Early Growth Business**

**Positive Test Scenarios:**

1. Verify that applicants with a registered business are approved.
2. Verify that applicants with an existing business operating for more than 3 years are approved.
3. Verify that businesses with Liberian shareholding exceeding 51% are approved.
4. Verify that businesses with up to 50 permanent employees are approved.

**Negative Test Scenarios:**

1. Verify that applicants whose businesses are not registered are rejected.
2. Verify that applicants whose businesses have been operating for less than 3 years are rejected.
3. Verify that businesses with Liberian shareholding below 51% are rejected.
4. Verify that businesses with more than 50 permanent employees are rejected.

**Existing Business**

**Positive Test Scenarios:**

1. Verify that applicants with a registered business are approved.
2. Verify that applicants with an existing business operating for more than 3 years are approved.
3. Verify that businesses with Liberian shareholding exceeding 51% are approved.
4. Verify that businesses that have generated at least $25,000 in the financial year are approved.

**Negative Test Scenarios:**

1. Verify that applicants whose businesses are not registered are rejected.
2. Verify that applicants whose businesses have been operating for less than 3 years are rejected.
3. Verify that businesses with Liberian shareholding below 51% are rejected.
4. Verify that businesses that have not generated at least $25,000 in the financial year are rejected.

**BDSPs (Business Development Service Providers)**

**Positive Test Scenarios:**

1. Verify that applicants with a registered business are approved.
2. Verify that applicants with an existing business operating for more than 3 years are approved.
3. Verify that applicants with a majority Liberian shareholding of 51% or more are approved.
4. Verify that applicants who belong to an appropriate professional body are approved.

**Negative Test Scenarios:**

1. Verify that applicants whose businesses are not registered are rejected.
2. Verify that applicants whose businesses have been operating for less than 3 years are rejected.
3. Verify that businesses with Liberian shareholding below 51% are rejected.
4. Verify that applicants who do not belong to an appropriate professional body are rejected.

**DASHBOARD**

**Positive Test Scenarios:**

1. Verify that users can view a dashboard displaying key application metrics.
2. Verify that dashboard cards include:
   * Total applications
   * Total applications started
   * Total applications completed
   * Applications under review
   * Qualified applications
   * Rejected applications
3. Verify that the dashboard displays the correct total for each application category.
4. Verify that each dashboard card links to the corresponding full and report.
5. Verify that data can be exported with a single click.
6. Verify that calendar pops up when from and to is clicked on
7. Verify that the application type is visible on the dashboard
8. Verify that the application type is in a dropdown
9. Verify that the application type dropdown consists of Early growth, existing business and BDSPs.
10. Verify that the filter button is displayed on the dashboard
11. Verify that there is a reset button close to the filter button
12. On the dashboard page, verify that there is a data table with applications showing.
13. Verify that there is an action button on the data table
14. Verify that the action button allows admin to view various application
15. Verify that, there is download PDF feature
16. Verify that there is download in excel feature
17. Verify that filtered application can be downloaded in PDF and Excel
18. Verify that the downloaded filtered applications show correct data
19. Verify that reports can be filtered by the type of application (Early Growth, Existing Business, BDSPs/ESOs).
20. Verify that reports can be filtered by the application period.
21. Verify that filtering options correctly update the displayed data.

**APPLICATIONS**

POSITIVE TEST SCENARIOS

* 1. Verify that when application is click on, it opens a dropdown
  2. Verify that this dropdown consists of qualified application, under review applications and rejected applications.

NEGATIVE TEST SCENARIOS

* 1. Verify that application link is not broken
  2. Verify that each of the three links ( qualified application, under review applications and rejected applications are not broken

***QUALIFIED APPLICATIONS***

POSITIVE TEST SCENARIOS

1. Verify that admins can click on qualified applications
2. Verify that a data table is displayed when qualified application is clicked on
3. Verify the data table displays the correct number of qualified applications
4. Verify that admins can search for an application
5. Verify that searched application displays the right result.
6. Verify that admins can download an application in PDF
7. Verify that an admin can download applications in excel
8. Verify that admins can download searched applications in PDF and Excel
9. Verify that there is an action button on the data table
10. Verify that action button allows users to view application details
11. Verify that the view button displays the right applicant details.
12. Verify that there is a back button where admins can click on
13. Verify that the back button displays the data table
14. Verify that the status of each applicant on the table shows as “ QUALIFIED”
15. Verify that the top of the qualified application page displays a heading
16. Verify that on the view application page, the right type of application the applicant applied for shows as a heading.

NEGATIVE TEST SCENARIOS

1. Verify that when admins click on qualified applications, it does not open either rejected or under review applications
2. Verify that when qualified application is clicked on, it does not display a wrong number of data
3. Verify that when admins search, it does not display a wrong data
4. Verify that when admins download in PDF and Excel, it does not produce wrong data
5. Verify that viewing an application does not produce wrong application details
6. Verify that the statues of the applications do not show any other status other than Qualified
7. Verify that viewing an application does not show a wrong application type

***REJECTED APPLICATIONS***

POSITIVE SCENARIOS

1. Verify that admins can click on rejected applications
2. Verify that a data table is displayed when rejected application is clicked on
3. Verify the data table displays the correct number of rejected applications
4. Verify that admins can search for an application.
5. Verify that searched application displays the right result.
6. Verify that admins can download an application in PDF
7. Verify that an admin can download applications in excel
8. Verify that admins can download searched applications in PDF and Excel
9. Verify that there is an action button on the data table
10. Verify that action button allows users to view application details
11. Verify that the view button displays the right applicant details.
12. Verify that there is a “NOTIFY” button
13. Verify that the back button displays the data table
14. Verify that the status of each applicant on the table shows as “ REJECTED”
15. Verify that when click on the notify button, it changes to NOTIFIED
16. Verify that data table displays a reason why the application was rejected
17. Verify that the reason for rejection falls with the criteria for rejecting an application

NEGATIVE SCENARIOS

1. Verify that when admins click on rejected applications, it does not open either qualified or under review applications
2. Verify that when rejected application is clicked on, it does not display a wrong number of data
3. Verify that when admins search, it does not display a wrong data
4. Verify that when admins download in PDF and Excel, it does not produce wrong data
5. Verify that viewing an application does not produce wrong application details
6. Verify that the statues of the applications do not show any other status other than Rejected
7. Verify that viewing an application does not show a wrong application type
8. Verify that attempting to notify already "Notified" applicants does not change their status.

***UNDER REVIEW APPLICATIONS***

Positive Test Scenarios

1. Verify that applications under review run in minutes using AI to either reject or approve
2. Verify that admins can click on under review applications
3. Verify that a data table is displayed when under review application is clicked on
4. Verify the data table displays the correct number of under review applications
5. Verify that admins can search for an under review application.
6. Verify that searched application displays the right result.
7. Verify that admins can download an application in PDF
8. Verify that an admin can download applications in excel
9. Verify that admins can download searched applications in PDF and Excel

Negative Test Scenarios

1. Verify that applications with started status do not appear under review
2. Verify that rejected or approved applications do not display on applications under review
3. Verify that when admins click on rejected applications, it does not open either qualified or under review applications
4. Verify that when rejected application is clicked on, it does not display a wrong number of data
5. Verify that when admins search, it does not display a wrong data
6. Verify that when admins download in PDF and Excel, it does not produce wrong data
7. Verify that viewing an application does not produce wrong application details
8. Verify that the statues of the applications do not show any other status other than Rejected
9. Verify that viewing an application does not show a wrong application type

***ASSIGNMENTS***

Positive Test scenarios

1. Verify that admins can click on the reassignment button
2. Verify that data table to be displayed when reassignment is clicked on
3. Verify that all data displayed have statues as qualified
4. Verify that only qualified application populates on the reassignment table
5. Verify that the reassignment page displays a search field
6. Verify that searched application displays the right result.
7. Verify the presence of an action button
8. Verify the presence of resource reassignment button
9. Verify that when an admin click on resource assignment, it opens a dropdown
10. Verify that the dropdown consists of project assistant and credit analyst
11. Verify that admins see “reassign resource “when they click on the reassignment button
12. Verify that admins click on project assistance and credit analyst, it displays the list of users under each resource
13. Verify the presence of cancel button in red
14. Verify the presence of applicant name when reassign resources is clicked on.
15. Verify that admins can reassign multiple applications at once.
16. Verify the presence of a check box that admins can click on

Negative Test Scenarios

1. Verify that data table for reassignment does not shoe rejected or applications under review
2. Verify that data displayed is not wrong.

***ADMIN USERS***

POSITIVE SCENARIOS

1. Verify the presence of users in the admin menu
2. Verify that admins can click on users.
3. Verify that admins can click on add new users
4. Verify that admins can successfully add a user
5. Verify that when creating a user, the can be assigned to role like super admin, project assistant or credit analyst
6. Verify that there is validation for invalid emails
7. Verify that when an email is used more than once to create the same type of admin, there is a prompt
8. Verify that adding user multiple times does not save multiple times
9. Verify that the presence of data table
10. Verify that users created can be downloaded in PDF and Excel and can be printed
11. Verify that amins can search for a particular user
12. Verify that searching returns right search result
13. Verify the presence of an action button
14. Verify that the action button consists of view, edit and delete button
15. Verify that viewing each user displays the right user information
16. Verify that there is an edit confirmation modal
17. Verify that admins can edit a user successfully
18. Verify that there is a delete confirmation modal
19. Verify that admins can delete users successfully
20. Verify that the data table has the name, email, role and date columns.
21. Verify that users receive credentials after creating a user
22. Verify that credentials are valid
23. Verify that users can successfully log in with the credentials received

Negative test scenarios

1. Verify that users link does not open another menu
2. Verify that adding new user does not throw an error
3. Verify that adding a user with an invalid email, it does not create
4. Verify that downloaded PDF and excel does not produce an error
5. Verify that downloaded pdf and excel does not produce the wrong data
6. Verify that users are not able to log in with invalid credentials

***AUDIT TRAILS***

POSITIVE TEST SCENARIOS

1. Verify the presence of audit trail menu
2. Verify that audit trails can be clicked on
3. Verify that when audit trail is clicked on there is dropdown (audit trail admin, audit trail clients)
4. Verify that clicking on audit trail menu opens a data table
5. Verify that each action taken on the application form and on the admin populate on the audit trail
6. Verify that column on the audit trail includes (admin or a client id, activity, activity type or applicant, message, created at )
7. Verify that admins can search on the audit trail table
8. Verify that searches return the right search results
9. Verify that admins can print, download in PDF and Excel
10. Verify that pagination buttons are functional and navigate correctly."

NEGATIVE TEST SCENARIOS

1. Verify that the audit trail menu is not a broken link
2. Verify that performing search that is not on the data table sends a prompt to admin that “no data available’
3. Verify that when audit trail is clicked on, it does not display a wrong number of data
4. Verify that when admins search, it does not display a wrong data
5. Verify that when admins download in PDF and Excel, it does not produce wrong data

***ANALYTICS***

1. Verify that there is analytics menu
2. Verify that the analytics menu is clickable
3. Verify that analytics menu opens analytics page in a new tab
4. Verify the presence of bridge water logo when you click on analytics menu.

***PROJECT ASSISTAANT***

### **Positive Test Scenarios**

1. Verify that admins can navigate to the login page.
2. Verify that admins can log in using a valid username.
3. Verify that admins can log in using a valid email.
4. Verify that admins can log in using a valid password.
5. Verify that the "Sign In" button is positioned below the password input field.
6. Verify that upon entering valid credentials, admins are redirected to the dashboard.

#### ****Forgot Password****

1. Verify that admins can click on the "Forgot Password" link.
2. Verify that admins receive a password reset link when they request a password reset.
3. Verify that admins are required to enter and confirm a new password.
4. Verify that admins can successfully log in using the newly created password.
5. Verify that only valid email addresses are accepted when requesting a password reset.
6. Verify that the "Forgot Password" link is located below the password input field.

### **Negative Test Scenarios**

1. Verify that admins cannot log in using an invalid username.
2. Verify that admins cannot log in using an invalid email.
3. Verify that admins cannot log in using an incorrect password.
4. Verify that when an admin attempts to log in with invalid credentials, an appropriate error message is displayed.
5. Verify that when incorrect credentials are entered, the error message displayed is: **"Login failed. Please check your credentials and try again."**

**PROJECT ASSISTANT PROCESS**

1. **Verify that project analyst see applications they have been assigned to from the admin**
2. **Verify that they can view application**
3. **Verify that applications can be approved**
4. **Verify that application can be rejected**
5. **Verify the presence of approval reason**
6. **Verify the presence of rejection reason**

***CREDIT ANALYST***

### **Positive Test Scenarios**

1. Verify that admins can navigate to the login page.
2. Verify that admins can log in using a valid username.
3. Verify that admins can log in using a valid email.
4. Verify that admins can log in using a valid password.
5. Verify that the "Sign In" button is positioned below the password input field.
6. Verify that upon entering valid credentials, admins are redirected to the dashboard.

#### ****Forgot Password****

1. Verify that admins can click on the "Forgot Password" link.
2. Verify that admins receive a password reset link when they request a password reset.
3. Verify that admins are required to enter and confirm a new password.
4. Verify that admins can successfully log in using the newly created password.
5. Verify that only valid email addresses are accepted when requesting a password reset.
6. Verify that the "Forgot Password" link is located below the password input field.

### **Negative Test Scenarios**

1. Verify that admins cannot log in using an invalid username.
2. Verify that admins cannot log in using an invalid email.
3. Verify that admins cannot log in using an incorrect password.
4. Verify that when an admin attempts to log in with invalid credentials, an appropriate error message is displayed.
5. Verify that when incorrect credentials are entered, the error message displayed is: **"Login failed. Please check your credentials and try again."**

**CREDIT ANALYST PROCESS**

* 1. **Verify that project analyst see applications they have been assigned to from the project assistant**
  2. **Verify that they can view application**
  3. **Verify that applications can be approved**

**4. Verify that application can be rejected**

1. **Verify the presence of approval reason**
2. **Verify the presence of rejection reason**

**Email Notifications to Bridgewater**

**Form Submission Notification**

1. Verify that submitting an application triggers an email to Bridgewater.
2. Verify that the email includes the correct applicant name.
3. Verify that the email includes the correct submission timestamp.
4. Verify that the email contains a valid hyperlink to the admin portal.
5. Verify that the email is logged as "Delivered" in the database.
6. Verify that in case of email failure, an appropriate error message is logged.

***PROFILE***

POSITIVE SCENARIOS

* 1. Verify that the administrator button exists
  2. Verify that the administer button opens a dropdown
  3. Verify that the dropdown consists of change password and log out
  4. Verify that each link (change password & log out) is clickable
  5. Verify that when admins click on change password, they are able to enter their old password, new password and password confirmation)
  6. Verify that admins can successfully change their passwords
  7. Verify that when admins click on lout, they are routed to the login page

1. Verify that if old password entered is invalid, admins are prompted
2. Verify that the presence of cancel or back button

NEGATIVE TEST SCENARIOS

1. Verify that when an admin enters different passwords for initial and confirmation, the password change does not take effect
2. Verify that if old password entered is invalid, admins are not allowed to change password
3. Verify that if admins click on cancel, password change does not take effect
4. Verify that when admins click on log out, they are not routed to another menu but the login page

**OTHER SCENARIOS TO CONSIDER**

* + Verify if an applicant whose business is exactly **3 years old** is correctly handled (approved/rejected based on criteria).
  + Verify if an applicant whose business has exactly **51% Liberian shareholding** is approved.
  + Verify how the system handles businesses with **exactly 50 employees** (if it should be included or excluded).
* **Validation & Error Handling:**
  + Verify that incorrect business registration numbers are flagged.
  + Verify that invalid shareholding percentages (e.g., negative values, values over 100%) are handled properly.
  + Verify that missing required fields prevent submission.

**BDSPs (Business Development Service Providers)**

* **Professional Body Validation:**
  + Verify that applicants attempting to submit without selecting a professional body cannot proceed.
  + Verify that invalid or unrecognized professional bodies trigger appropriate error messages.

**Analytics Dashboard & Reporting**

* **User Role-Based Access:**
  + Verify that only authorized users can access and export data.
  + Verify that restricted users cannot see sensitive applicant data.
* **Performance & Load Testing:**
  + Verify how the dashboard performs with a large volume of applications.
  + Verify that exporting data does not cause system slowdowns or crashes.

**Email Notifications & Status Updates**

* **Edge Cases in Email Delivery:**
  + Verify that email notifications are not sent multiple times for the same application.
  + Verify how the system handles incorrect email addresses.
  + Verify that email logs are accessible for audit purposes.
* **Bulk Operations for Rejected Applicants:**
  + Verify that selecting and notifying thousands of applicants at once does not cause timeouts.
  + Verify that the system prevents duplicate notifications for already “Notified” applicants.