# Functional Test Cases for Login Page

|  |  |  |  |
| --- | --- | --- | --- |
| TC ID | Test Scenario | Test Steps | Expected Result |
| TC001 | Verify login page loads successfully | Navigate to the login URL | Login page should load with all fields and buttons visible (Email, Password, Application ID, Forgot Password, Register link, etc.) |
| TC002 | Verify email login with valid credentials | Enter valid Email and Password → Click “Login with Email” | User should be successfully logged in and redirected to the dashboard/home page |
| TC003 | Verify email login with invalid credentials | Enter incorrect Email or Password → Click “Login with Email” | Error message should be displayed such as “Invalid email or password” |
| TC004 | Verify login attempt with empty Email field | Leave Email blank → Enter valid Password → Click “Login with Email” | Error message “The Email field is required.” should appear |
| TC005 | Verify login attempt with empty Password field (email login) | Enter valid Email → Leave Password blank → Click “Login with Email” | Error message “The Password field is required.” should appear |
| TC006 | Verify both Email and Password fields empty | Leave both fields blank → Click “Login with Email” | Both “The Email field is required.” and “The Password field is required.” messages should appear |
| TC007 | Verify email format validation | Enter invalid Email (e.g. `abc123`) → Enter valid Password → Click “Login with Email” | Validation message “Invalid email format” should appear |
| TC008 | Verify “Forgot Password?” link navigation | Click on “Forgot Password?” link | Should navigate to the Forgot Password page or open the reset password modal |
| TC009 | Verify “Register here” link navigation | Click on “Register here” link | Should navigate to the registration page |
| TC010 | Verify Application ID login with valid credentials | Enter valid Application ID and Password → Click “Login with Application ID” | User should be successfully logged in and redirected to the dashboard/home page |
| TC011 | Verify Application ID login with invalid credentials | Enter invalid Application ID or Password → Click “Login with Application ID” | Error message should be displayed such as “Invalid application ID or password” |
| TC012 | Verify login attempt with empty Application ID | Leave Application ID blank → Enter valid Password → Click “Login with Application ID” | Error message “Application ID is required” should appear |
| TC013 | Verify login attempt with empty Password (Application ID section) | Enter valid Application ID → Leave Password blank → Click “Login with Application ID” | Error message “Password is required” should appear |
| TC014 | Verify both Application ID and Password fields empty | Leave both blank → Click “Login with Application ID” | Both “Application ID is required” and “Password is required” messages should appear |
| TC015 | Verify that pressing “Enter” key submits the form | Enter valid Email and Password → Press Enter key | Should perform the same action as clicking “Login with Email” |
| TC016 | Verify password field masking | Type password in either section | Entered password should be masked (displayed as dots or asterisks) |
| TC017 | Verify tab order on the form | Use Tab key to navigate between fields | Focus should move logically: Email → Password → Login with Email → Application ID → Password → Login with Application ID |
| TC018 | Verify case sensitivity for credentials | Try login with upper/lower case variations of valid credentials | System should handle credentials as per case-sensitivity rules defined (Email usually case-insensitive; password case-sensitive) |
| TC019 | Verify error messages disappear after correction | Enter invalid Email → Click login → See error → Correct the Email → Click login again | Error message should disappear upon correction |
| TC020 | Verify responsiveness | Resize browser window or test on mobile | Layout and input fields should remain visible and aligned properly |

# Functional Test Cases for Registration Page

|  |  |  |  |
| --- | --- | --- | --- |
| TC ID | Test Scenario | Test Steps | Expected Result |
| TC001 | Verify registration page loads successfully | Navigate to the registration URL | Registration page should load with all fields and buttons visible (First Name, Last Name, Email, Mobile, Password, Confirm Password, Register button). |
| TC002 | Verify successful registration with valid data | Enter valid details in all fields → Click 'Register' | User should be successfully registered and redirected to the login page or dashboard. |
| TC003 | Verify registration with empty fields | Leave all fields blank → Click 'Register' | Error messages should appear for all required fields. |
| TC004 | Verify registration with empty First Name | Leave First Name blank → Fill other fields → Click 'Register' | Error message 'The First Name field is required.' should appear. |
| TC005 | Verify registration with empty Last Name | Leave Last Name blank → Fill other fields → Click 'Register' | Error message 'The Last Name field is required.' should appear. |
| TC006 | Verify registration with empty Email | Leave Email blank → Fill other fields → Click 'Register' | Error message 'The Email field is required.' should appear. |
| TC007 | Verify registration with invalid email format | Enter invalid email (e.g., 'abc123') → Fill other fields → Click 'Register' | Error message 'Invalid email format' should appear. |
| TC008 | Verify registration with empty Mobile number | Leave Mobile field blank → Fill other fields → Click 'Register' | Error message 'The Mobile Number field is required.' should appear. |
| TC009 | Verify registration with invalid Mobile number | Enter invalid Mobile number (e.g., less than 10 digits or alphabets) → Click 'Register' | Error message 'Invalid Mobile Number' should appear. |
| TC010 | Verify registration with empty Password | Leave Password blank → Fill other fields → Click 'Register' | Error message 'The Password field is required.' should appear. |
| TC011 | Verify registration with empty Confirm Password | Leave Confirm Password blank → Fill other fields → Click 'Register' | Error message 'The Confirm Password field is required.' should appear. |
| TC012 | Verify password and confirm password mismatch | Enter different values in Password and Confirm Password → Click 'Register' | Error message 'Passwords do not match' should appear. |
| TC013 | Verify password strength validation | Enter weak password (e.g., '12345') → Click 'Register' | System should display a warning like 'Password too weak' or enforce password policy. |
| TC014 | Verify duplicate email registration | Enter an email already registered → Click 'Register' | Error message 'Email already exists' should appear. |
| TC015 | Verify duplicate mobile number registration | Enter a mobile number already registered → Click 'Register' | Error message 'Mobile number already exists' should appear. |
| TC016 | Verify Register button disabled state | Do not fill required fields → Observe 'Register' button | Button should be disabled until mandatory fields are filled. |
| TC017 | Verify successful redirection after registration | Enter valid details → Click 'Register' | User should be redirected to login page or receive success confirmation. |
| TC018 | Verify password field masking | Enter password → Observe input field | Entered password should be masked (displayed as dots or asterisks). |
| TC019 | Verify confirm password field masking | Enter confirm password → Observe input field | Entered confirm password should be masked. |
| TC020 | Verify tab order in registration form | Use Tab key to navigate through fields | Focus should move logically: First Name → Last Name → Email → Mobile → Password → Confirm Password → Register. |
| TC021 | Verify responsiveness of registration page | Resize browser window or test on mobile device | Registration form layout should remain user-friendly and aligned properly. |