LiftWise Testing Report

Date: 05/06/2025	**Tested Version**: 0.1

- **Test objectives:**
  - Verify the correct implementation of functionalities.
  - Evaluate cross-browser compatibility and responsivity.
  - Identify bugs that may compromise the correct system behavior.
- **Types of tests performed**: indicates what type of tests you performed, for example:
  - **Functional tests**: Verify that each feature works as expected.
  - **Usability tests**: Evaluation of user experience.
  - **Compatibility tests**: Chrome, Firefox.
- **Security tests**: verify input validation
- **Browsers/Tools used**: Chrome & Firefox with Dev tools

Registration page

First name

Test ID	Description	Example Input	Action	Expected Result	Outcome
FN01	Empty field	(empty)	Submit	Error: "Please type your first name."	Positive
FN02	Numeric input	1234	Submit	Error: "Please enter a valid name."	Negative
FN03	Special characters	André	Submit	Field accepted	Positive
FN04	Valid name	Andrea	Submit	Field accepted	Positive
FN05	Leading space	" Andrea"	Submit	No automatic trim	Negative
FN06	Space in between	Maria Teresa	Submit	Field accepted	Positive
FN07	Trailing space	"Andrea "	Submit	No automatic trim	Negative
FN08	Only symbols	….,..,.,	Submit	Error: "Please enter a valid name."	Negative
FN09	SQL Injection attempt	; DROP TABLE tblUsers --	Submit	No SQL executed.	Positive
FN10	Less than 2 characters	ab	Submit	Error: "Please type your first name."	Positive
FN11	More than 30 characters	qwertyuiopasdfghjklzxcvbnmqwertyuio	Submit	Input blocked	Positive

Last Name

Test ID	Description	Example Input	Action	Expected Result	Outcome
LN01	Empty field	(empty)	Submit	Error: "Please type your last name."	Positive
LN02	Numeric input	5678	Submit	Error: "Please enter a valid last name."	Negative
LN03	Valid last name	Putzu	Submit	Field accepted	Positive
LN04	Special characters	Carrà	Submit	Field accepted	Positive
LN05	Only symbols	..,..	Submit	Error: "Please enter a valid last name."	Negative
LN06	Leading space	" Putzu"	Submit	No automatic trim	Negative
LN07	Space in between	De Andrè	Submit	Field accepted	Positive
LN08	Trailing space	"Putzu "	Submit	No automatic trim	Negative
LN09	SQL Injection attempt	; DROP TABLE tblUsers --	Submit	No SQL executed.	Positive
LN10	Less than 2 characters	ab	Submit	Error: "Please type your last name."	Positive
LN11	More than 30 characters	qwertyuiopasdfghjklzxcvbnmqwertyuio	Submit	Input blocked	Positive

Tax code

Test ID	Description	Example Input	Action	Expected Result	Outcome
TC01	Empty field	(empty)	Submit	Error: "Please type your tax code."	Positive
TC02	Valid format	PTZNDR06H06Z404J	Submit	Field accepted	Positive
TC03	Wrong character count	1	Submit	Error: "Please type your tax code."	Positive
TC04	SQL Injection attempt	; DROP TABLE tblUsers --	Submit	No SQL executed.	Positive

Email

Test ID	Description	Example Input	Action	Expected Result	Outcome
EM01	Empty field	(empty)	Submit	Error: "Please type an email."	Positive
EM02	Invalid format	andrea@	Submit	Error: "Please type an email."	Positive
EM03	Already used email	andrea.putzu06@gmail.com	Submit	Error: "A user with email is already registered."	Positive
EM04	Valid email	user@example.com	Submit	Field accepted	Positive
EM05	SQL Injection attempt	; DROP TABLE tblUsers --	Submit	Error: "Please type an email." No SQL executed.	Partially Positive
EM06	Over 320 characters	(321+ char email)	Submit	Error: "Please type an email."	Positive

Password

Test ID	Description	Example Input	Action	Expected Result	Outcome
PW01	Empty field	(empty)	Submit	Error: "Password required."	Positive
PW02	Less than 8 characters	abc	Submit	Error: "Please type a password."	Positive
PW03	Over 32 characters	Very long input	Submit	Input blocked at 32 characters	Positive
PW04	Valid password	Sicura123	Submit	Field accepted	Positive
PW05	SQL Injection attempt	'; DROP TABLE tblUsers --	Submit	No SQL executed	Positive
PW06	Password with spaces	"Sicura 123"	Submit	Error: "Password cannot contain spaces."	Negative

Terms & Conditions

Test ID	Description	Example Input	Action	Expected Result	Outcome
TC01	Not checked	Not checked	Submit	Error: "You must agree before submitting."	Positive
TC02	Checked	Checked	Submit	Registration allowed (if all fields are valid)	Positive

Button-specific tests

These tests focus specifically on button functionality and interactions that weren't covered in the previous field validation tests.

Test ID	Description	Test Steps	Expected Result	Actual Result	Outcome
BTN-R EG01	Sign Up button click with valid data	1. Fill all fields correctly 2. Check terms checkbox 3. Click "Sign up" button	Form submits and user is registered	Form submits and user is registered	Passed
BTN-R EG02	"Already have an account? Log in" link	Click on the "Log in" link	User is redirected to login page	User is redirected to login page	Passed
BTN-R EG03	Sign Up button visual feedback on click	1. Click Sign Up button 2. Observe button visual feedback	Button shows active/pressed state	Button shows active/pressed state	Passed
BTN-R EG04	Form submission with Enter key	1. Fill all fields correctly 2. Press Enter key on any field	Form submits the same as clicking the button	Form submits the same as clicking the button	Passed

Form validation behavior tests

Test ID	Description	Test Steps	Expected Result	Actual Result	Outcome
BTN-R EG05	Error alert appearance	1. Submit with already registered email 2. Check alert visibility	Error alert appears at the top of the form	Error alert appears at the top of the form	Pass
BTN-R EG06	Error alert disappearance	1. Submit with error 2. Fix error 3. Submit again	Error alert disappears on successful submission	Error alert disappears on successful submission	Pass

Navigation and Post-registration flow

Test ID	Description	Test Steps	Expected Result	Actual Result	Outcome
BTN-R EG07	Navigation after registration	1. Complete registration successfully 2. Observe redirection	User should be automatically logged in and redirected to dashboard	User is redirected to login page instead	Fail
BTN-R EG08	Browser back button after registration	1. Complete registration 2. Press browser back button	User should not be able to return to registration form (should redirect to dashboard)	User can return to the registration form	Fail
BTN-R EG09	Form state after failed submission	1. Submit with errors 2. Observe form data	Entered data should be preserved	Entered data is preserved	Pass

Login page

Email

Test ID	Description	Example Input	Action	Expected Result	Outcome
EM01	Empty field	(empty)	Submit	Error: "Please type an email."	Positive
EM02	Invalid format	user@	Submit	Error: "Please type an email."	Positive
EM03	Non-registered email	nonexistent@example.com	Submit	Error: "Attempting to login with a not registered user"	Positive
EM04	Valid registered email	user@example.com	Submit	Field accepted	Positive
EM05	Valid email with spaces	user @example.com	Submit	Error: "Attempting to login with a not registered user"	Positive
EM06	Email with special characters	user+test@example.com	Submit	Field accepted if registered	Positive
EM07	SQL Injection attempt	'; DROP TABLE tblUsers --	Submit	Error: "Please type an email." No SQL executed.	Positive
EM08	Over 320 characters	(321+ char email)	Submit	Input blocked	Positive

Password

Test ID	Description	Example Input	Action	Expected Result	Outcome
PW01	Empty field	(empty)	Submit	Error: "Please type a password."	Positive
PW02	Wrong password	incorrectPass123	Submit	Error: "The typed password is incorrect"	Positive
PW03	Correct password	correctPass123	Submit	Field accepted	Positive
PW04	Case sensitivity	Password123 vs password123	Submit	Case sensitive comparison	Positive
PW05	SQL Injection attempt	'; DROP TABLE tblUsers --	Submit	No SQL executed	Positive

Login page button and interaction tests

Button-specific tests

These tests focus specifically on button functionality and interactions that weren't covered in the previous field validation tests.

Test ID	Description	Test Steps	Expected Result	Outcome
BTN-LO G01	Login button click with valid data	1. Fill email and password correctly 2. Click "Login" button	Form submits and user is logged in	Pass
BTN-LO G02	"Don't have an account? Sign up" link	Click on the "Sign up" link	User is redirected to signup page	Pass
BTN-LO G03	Login button visual feedback on click	1. Click Login button 2. Observe button visual feedback	Button shows active/pressed state	Pass
BTN-LO G04	Form submission with Enter key	1. Fill all fields correctly 2. Press Enter key on any field	Form submits the same as clicking the button	Pass

Form Validation Behavior Tests

Test ID	Description	Test Steps	Expected Result	Outcome
BTN-LO G05	Error alert appearance	1. Submit with non-registered email 2. Check alert visibility	Error alert appears at the top of the form	Pass
BTN-LO G06	Error alert disappearance	1. Submit with error 2. Fix error 3. Submit again	Error alert disappears on successful submission	Pass
BTN-LO G07	Form data persistence	1. Submit with error 2. Check if entered data is preserved	Entered data should be preserved	Pass

Navigation and Post-Login Flow

Test ID	Description	Test Steps	Expected Result	Outcome
BTN-LO G08	Navigation after login	1. Login successfully 2. Observe redirection	User should be redirected to dashboard (/)	Pass
BTN-LO G09	Multiple login attempts	1. Enter incorrect password 5 times 2. Try correct password	User should still be able to login with correct password	Pass

Homepage (data visualization)

Authorization and Redirection Checks

Test ID	Description	Test Steps	Expected Result	Status
ACC01	Access with valid login	1. Login with valid credentials 2. Navigate to homepage	Display main dashboard with user data	PASS
ACC02	Welcome message	1. Login 2. Observe header	Message "Welcome back, [username]!" visible with correct username	PASS

Data Display "Your memberships" Section

Test ID	Description	Test Steps	Expected Result	Status
MEM01	Gym name	Check each membership card	Gym name matches record in database	PASS
MEM02	Gym address	Check each membership card	Gym address matches record in database	PASS
MEM03	Expiration badge > 14 days	Check membership with >14 days remaining	Green badge with "Expires on [date]"	PASS
MEM04	Expiration badge < 7 days	Check membership with <7 days remaining	Red badge with "[n] days remaining"	PASS
MEM05	Expiration badge 7-14 days	Check membership with 7-14 days remaining	Yellow badge with "[n] days remaining"	PASS
MEM06	Expired membership badge	Check expired membership	Red badge with "Expired"	PASS

Responsive Design and Data Display

Test ID	Description	Test Steps	Expected Result	Status
RES01	Mobile view	Resize window to 375px width	Single column layout with readable data	PASS
RES02	Tablet view	Resize window to 768px width	Two-column layout with readable data	PASS
RES03	Desktop view	Resize window to 1200px width	Three-column layout with readable data	PASS

Display Logic and Calculations

Test ID	Description	Test Steps	Expected Result	Status
CALC01	Remaining days calculation	Check with different memberships	Remaining days calculated correctly (endDate - today)	PASS
CALC02	"month/months" pluralization	Check memberships of 1 month and >1 months	Correct singular or plural based on duration	PASS
CALC03	Expiration badge color selection	Check various memberships	Correct color based on remaining days (red, yellow, green)	PASS