



A Test Plan Document

for

a QA Task

By L.Dj.

Friday, July 1, 2022

Table of Contents

1. INTRODUCTION.....	Page 3
1.1 PURPOSE.....	Page 3
1.2 FORM OVERVIEW	Page 3
2. TEST STRATEGY.....	Page 3
2.1 TEST OBJECTIVES.....	Page 3
2.2 TEST ASSUMPTIONS.....	Page 3
2.3 SCOPE OF TESTING	Page 4
2.3.1 EXPLORATORY TESTING.....	Page 4
2.3.2 FUNCTIONAL TESTING.....	Page 4
2.3.3 UI TESTING.....	Page 5
2.3.4 ACCEPTANCE TESTING.....	Page 5
3. ENVIRONMENT.....	Page 6
3.1 GENERAL.....	Page 6
3.2 BROWSER.....	Page 6
3.3 EQUIPMENT.....	Page 6
3.4 CONFIGURATION.....	Page 6
4. GRAND FINALE.....	Page 7
4.1 APPROVALS.....	Page 7

1. INTRODUCTION

1.1 Purpose

This test plan describes the testing approach and overall framework that will drive the testing of the webshop registration page (<https://www.links.hr/hr/register>).

The document introduces:

1. Test Strategy (rules the test will be based on)
2. Environment

1.2 Form Overview

The form enables a user to register and thus be eligible to buy various IT equipment and other products.

The form consists of various fields depending on the type of user.

A user can be either a legal entity or a natural person.

2. TEST STRATEGY

2.1 Test Objectives

The objective of this document is to test the functionality of the “*Links registration form*” located at the following URL: <https://www.links.hr/hr/register>.

In general, the registration of a new user (either business user or private user) should be possible using the webshop registration page.

At the conclusion of testing, the “*Links registration form*” should work according to user requirements and business needs.

2.2 Test Assumptions

The website (<https://www.links.hr>) is present and can be found at world wide web.

The registration form (<https://www.links.hr/hr/register>) is present together with all the necessary fields needed for a user to register.

The register button works as expected.

User is accessing the form via PC from Google Chrome browser.

2.3 Scope of Testing

(IN SCOPE)

The test includes testing only the section of the URL <https://www.links.hr/hr/register> where the registration form is located.

(OUT OF SCOPE)

The test does not include any other functionalities of the above mentioned URL nor any other URL.

2.3.1 Exploratory Testing

Why: the purpose of this test is to make sure critical defects are removed before the next levels of testing can start.

How: it is done without any test scripts and documentation and it represents a more hands-on experience using mainly intuition, experience and intellect.

When: at the beginning of each cycle.

Entry criteria: the environment is set up

Exit criteria: no major issues found

2.3.2 *Functional Testing

Why: the purpose of this test is to check the functions of application. It is carried out by feeding the input and validates the output from the webshop registration form.

How:

1. Unit testing = verifying an individual unit (form section field) within the webshop registration form.
2. Integration testing = verifying integration feasibility between modules (form section fields).

When: after exploratory testing

Entry criteria:

- a) Unit tested components/modules
- b) All high prioritized bugs fixed and closed
- c) All modules completed and integrated successfully
- d) Test case and scenarios signed off and documented

Exit criteria:

- a) Successful testing of integrated application.
- b) Executed test cases are documented
- c) All high prioritized bugs fixed and closed
- d) Technical documents submitted and followed by release notes

*please refer to test case document for more in depth data

2.3.3 *UI Testing

Why: the purpose of this test is to check any feature a user might interact with

How: it is done manually by making sure that all visual elements are functioning according to requirements regarding functionality

When: after functional testing

Entry criteria:

- a) Unit tested components/modules
- b) All high prioritized bugs fixed and closed
- c) All modules completed and integrated successfully
- d) Test case and scenarios signed off and documented

Exit criteria:

- a) Successful UI testing.
- b) Executed test cases are documented
- c) All high prioritized bugs fixed and closed
- d) Technical documents submitted and followed by release notes

2.3.4 *Acceptance Testing

Why: the purpose of this test is to verify that the system as a whole is fit for use in the real world. It also identifies bugs in the last stage before the release. Finally, it makes more sense when the customer is involved to a greater extent and in addition to that, there will be no surprises when the product is released to the market :).

How: it is done in 2 ways:

- alpha testing (internal testing) = it is performed by the members of the organization that developed the software but who are not directly involved in the project (development or testing)
- beta testing (external testing) = it is performed by a limited number of actual end-users

When: after UI testing

Entry criteria:

- a) All other previous test phases should be completed
- b) All the critical, major and normal bugs should be fixed and closed (minor bugs accepted are mainly cosmetic bugs that do not disturb the usage of the product)
- c) Known issues list should be prepared and shared with the stakeholders

Exit criteria:

- a) Acceptance tests should be executed and all tests should pass.
- b) No critical/major defects left open. All the defects should be fixed and verified immediately
- c) Acceptance tests should be signed-off-by all the included stakeholders with go/no-go decision on the product.

3. ENVIRONMENT

3.1 General

All test cases will be auto-executed in the live environment using Chrome browser.

3.2 Browser

Chrome browser used: Version 103

3.3 Equipment

PC: MacBook Pro (13-inch, Mid 2012),
Processor: 2.5 GHz Intel Core i5,
Memory: 16 GB 1600 MHz DDR3

3.4 Configuration

IDE: Eclipse for Java Developers (Version: 2019-09 R (4.13.0))

JUnit: Version 5

Java: Version 11

Selenium ChromeDriver: Version 102 / Version 103

Selenium JARs:

- client-combined-3.141.59-sources.jar
- client-combined-3.141.59.jar
- byte-buddy-1.8.15.jar
- commons-exec-1.3.jar
- guava-25.0-jre.jar
- okhttp-3.11.0.jar
- okio-1.14.0.jar

4. GRAND FINALE

4.1 Approvals

Here are the names of all persons in a table representation who should approve of this plan:

Name	Ivan	Zvezdan	Luka
Role			
Date			
Signature			

Well done, you did it! :)