TESTING PLAN
YOUR LOGA a new experience
- automationpractice.com –

Prepared by:

Davidescu Ovidiu

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Approvers List

Name	Role	Approver / Reviewer	Approval / Review Date
A. Denis	**Manager**		

Reference Documents

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1.0	24.06.2022	YOUR LOGA a new experience automationpractice.com

PROGRAMUL OPERAȚIONAL CAPITAL UMAN 2014-2020
Axa Prioritară 6 - Educație si competențe
Titlul proiectului CodersLab
ID proiect: POCU/726/6/12/135988
Proiect cofinanțat din Fondul Social European prin Programul Operational Capital Uman 2014-2020

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1. INTRODUCTION

1.1. Purpose

This test plan describes the testing approach and overall framework that will drive the testing of the *YOUR LOGA a new experience* – automationpractice.com. The document introduces:

- **Test Strategy:** rules the test will be based on, including the givens of the project (e.g.: start / end dates, objectives, assumptions); description of the process to set up a valid test (e.g.: entry / exit criteria, creation of test cases, specific tasks to perform, scheduling, data strategy).
- **Execution Strategy:** describes how the test will be performed and process to identify and report defects, and to fix and implement fixes.
- **Test Management:** process to handle the logistics of the test and all the events that come up during execution (e.g.: communications, escalation procedures, risk and mitigation, team roster)

1.2. Project Overview

YOUR LOGA a new experience is an ecommerce site, where users can log in to buy clothes. Users can be of all kind of ages, but most of them are under 60 years old. Basically we have to cover it's functionality. All information must be displayed when needed. The site must be user friendly and intuitive. Create an account, log in function, search for items, add to favourite, add to cart, buy, pay, etc.

1.3. Tasks

- Project team members perform tasks specified in this document, and provide input and recommendations on this document.
- Project Manager Plans for the testing activities in the overall project schedule, reviews the document, tracks the performance of the test according to the task herein specified, approves the document and is accountable for the results.
- The stakeholders' representatives and participants (individuals as identified by the PMO Leads) may take part in the UAT test to ensure the business is aligned with the results of the test.
- The testers will perform the test cases that are needed for every test scenario.
- Technical Team ensures that the test plan and deliverables are in line with the design, provides the environment for testing and follows the procedures related to the fixes of defects.
- Business analysts will provide their inputs on functional changes.

2. TEST STRATEGY

2.1. Test Objectives

The objective of the test is to verify that the functionality of *YOUR LOGA a new experience* works according to the specifications.

The test will execute and verify the test scripts, identify, fix and retest all high and medium severity defects

2.2. Test Assumptions

- All the defects would come along with a snapshot JPEG format.
- Exploratory Testing will be done only by middle senior testers.
- The Test Team will be provided with access to Test environment via VPN connectivity
- Test case design activities will be performed by QA Group
- Test environment and preparation activities will be owned by Dev Team
- Dev team will provide Defect fix plans based on the Defect meetings during each cycle to plan. The same will be informed to Test team prior to start of Defect fix cycles
- BUSINESS ANALYST will review and sign-off all Test cases prepared by Test Team prior to start of Test execution
- Project Manager/BUSINESS ANALYST will review and sign-off all test deliverables
- The project will provide test planning, test design and test execution support
- Project team has the knowledge and experience necessary, or has received adequate training in the system, the project and the testing processes.
- There is no environment downtime during test due to outages or defect fixes.

2.3. Document Risk&Issues

Risk	Mitigation
Team member lack the required skills for website testing.	Plan **training course** to skill up your members
The project schedule is too tight; it's hard to complete this project on time	Set **Test Priority** for each of the test activity.
Test Manager has poor management skill	Plan **leadership training** for manager
A lack of cooperation negatively affects your employees' productivity	**Encourage** each team member in his task, **and inspire** them to greater efforts.
Wrong budget estimate and cost overruns	Establish the **scope** before beginning work, pay a lot of attention to project planning and constantly track and measure the progress

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2.4. Tactics

- The system will be treated as a black box; if the information shows correctly online and in the reports, it will be assumed that the database is working properly.
- During Functional testing, testing team will use preloaded data which is available on the system at the time of execution.
- The Test Team will perform Compatibility Testing, Usability Testing, System Testing, Alpha Testing, Smoke Testing, Sanity Testing, Regression testing.
- Target users will perform Beta Testing and the QA Group will provide support.

2.5. Human&System Resource

NR	Member	Tasks
1	Test Manager	**Manage** the whole project Define project **directions** Acquire appropriate resources
2	Tester	Identifying and describing appropriate test techniques/tools/automation architecture Verify and assess the Test Approach **Execute** the tests, **Log** results, **Report** the defects. Tester could be in-sourced or out-sourced members, base on the project budget For the task which required **low** skill, I recommend you choose **outsourced** members to **save** project cost.
3	Developer in Test	**Implement** the test cases, test program, test suite etc.
4	Test Administrator	Builds up and ensures Test Environment and assets are **managed** and **maintained** **Support**Tester to use the test environment for test execution
5	SQA members	Take in charge of quality assurance Check to confirm whether the testing process is meeting specified requirements

T.1. Human Resource Table

NR	Resources	Tasks
1	Server	Open the site under test This includes a separate web server, database server, and application server if applicable
2	Test tool	The testing tool is to automate the testing, simulate the user operation, generate the test results There are tons of test tools you can use for this project such as Selenium, QTP…etc.
3	Network	You need a Network include LAN and Internet to simulate the real business and user environment
4	Computer	The PC which users often use to connect the web server

T.2. System Resource Table

2.6. Test Enviroment

The Test Enviroment should be as the attached image bellow.
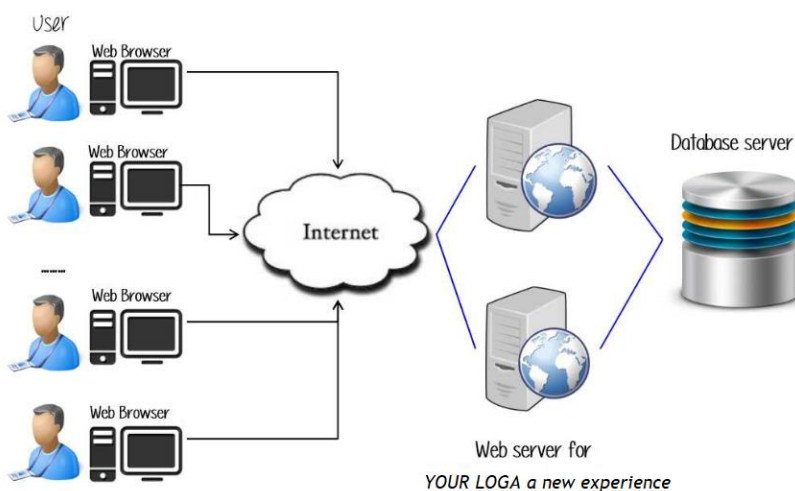
2.7. Schedule&Estimation

Task	Members	Estimate effort
Create the test specification	Test Designer	170 man-hour
Perform Test Execution	Tester, Test Administrator	80 man-hour
Test Report	Tester	10 man-hour
Test Delivery		20 man-hour
Total		280 man-hour

T.3. Estimation Table

Task	Start Date	End Date
Create the test specification	26.06.2022	26.08.2022
Perform Test Execution	27.08.2022	26.09.2022
Test Report	27.09.2022	03.10.2022
Test Delivery	04.10.2022	11.10.2022

T.4. Schedule Table

2.8. Test Deliverables

Test deliverables are provided as below

Before testing phase
 - Test plans document;
 - Test cases documents;
 - Test Design specifications;

 During the testing
 - Test Tool;
 - Simulators;
 - Test Data;
 - Test Trace-ability Matrix;
 - Error logs and execution logs;

After the testing cycles is over
 - Test Results/reports;
 - Defect Report;
 - Installation/ Test procedures guidelines;
 - Release notes;

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3. TEST SCENARIOS

The main test scenarios that we will approach will be :

- Create an account – it's fair to say that creating an account it's the first thing on the menu to start testing.

- Login function – it's important because an user must login so he or she can make a purchase.

- The search bar – it must be tested positive and negative to see how it responds if you search for the right item.

- The add to cart function – in order for a user to purchase something, he or she must first add to cart the product.

- The add to wishlist and compare function – a user wants to keep his or hers product in a wishlist so he or she can come back later and buy it. Although, if a user isn't logged in, he or she can't use the wishlist function. The compare function can be used by any user logged in or just a visitor so he or she can

- User friendly from the console with other equipaments – a site has to modify it's resolution and it's aspect when used on different devices.

- Get to the main page – verify if a user can come back to the main despite on what he or she is on.

- Contact us function – it's mandatory that the administrators can communicate rapidly with the users, if he or she has a problem with a anything regarding the website.

4. TEST CASES

4.1. Create an account

Pre-conditions	Acces link: automationpractice.com
Test Data	Email_address: ovidiu@yahoo.com
	Functional personal information

ID	Name	Summary	Steps to reproduce	Expected result	Actual result	Pass/Faill	Notes
TC_1	Create an account_1	User can create an account by introducing hes or shes personal information	1.Click on sign in button. 2.Add your email address to 'Email address' input field and click on Create an account button. 3.Add you personal information correctly to all fields. 4.Click on Register. 5.Click on send an email verification. 6.Go to your email address. 7.Click on the email from *Your Loga a new experience.* 8.Click on verification button	The account should be created.	The account is created.	Pass	
TC_2	Create an account_2	Create an account without introducing an valid email address	1.Click on sign in button. 2.Add your email address without *@yahoo.com*. 2.Click on Create an account button.	The message *Invalid email address* should be displayed.	The message *Invalid email address* is displayed	Pass	
TC_3	Create an account_3	Create an account without introducing personal	1.Click on sign in button. 2.Add your email address to 'Email address' input field and click on Create an account button. 3.Add you personal information correctly but skip City,	The message *There are 3 errors : city is required, the zip/postal code you've entered is*	The message *There are 3 errors : city is required, the zip/postal code*	Pass	

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		information to the required fields	State an Zip/Postal Code fields. 4.Click on Register.	*invalid. It must follow this format:0000* should be displayed	*you've entered is invalid. It must follow this format:0000* is displayed		

4.2. Login function

Pre-conditions	Acces link: automationpractice.com The user has an valid account
Test Data	Email_address: ovidiu@yahoo.com Pass: ovidiu123

ID	Name	Summary	Steps to reproduce	Expected result	Actual result	Pass/Faill	Notes
TC_1	User can login	User can login with the correct credentials	1.Click on sign in button. 2.Add your correct credentials underneath *Already Registered* message and click on the Sign in button.	The user should login into his or hers account	The user has succsesully login into his or hers account	Pass	
TC_2	User can't login_1	User can't login with the incorrect credentials	1.Click on sign in button. 2.Add your credentials underneath *Already Registered* message but make a mistake (typo) something in the email address or pass.	The message *Authentication failed* should be displayed.	The message *Authentication failed* is displayed.	Pass	
TC_3	User can't login_2	User can't login without entering an email address and password at all	1.Click on sign in button. 2.Don't add your credentials and click on the Sign in button.	The message *An email address required* should be displayed	The message *An email address required* is displayed	Pass	

4.3. The search bar function

Pre-conditions	Acces link: automationpractice.com
	The user is logged in
Test Data	TC_1 Blouse
	TC_2 House
	TC_3 Blouse

ID	Name	Summary	Steps to reproduce	Expected result	Actual result	Pass/Faill	Notes
TC_1	Search for a valid product	User can search for a valid product in the seach bar	1.Click on the search bar field. 2.Type *blouse*. 3.Click on the search button(it's displayed in the right of the search bar).	The page containg blouses should be displayed	The page containg blouses is displayed	Pass	
TC_2	Search for an invalid product	User can't search for an invalid product in the seach bar	1.Click on the search bar field. 2.Type *house*. 3.Click on the search button(it's displayed in the right of the search bar).	The message *No results were found for yout search "house"* should be displayed.	The message *No results were found for yout search "house"* is displayed.	Pass	
TC_3	Test the search bar to see if it can autocomplete your searching	Test the search bar by starting to introduce a valid product and see if the search bar is able to autocomplete your searching	1.Click on the search bar field. 2.Start to type *blouse*. 3.Observe if the search bar displays your product. Before you finish typing it down.	The search bar shoud display the the product you desire before you finish writing it down.	The search bar displays the product you desire before you finish writing it down.	Pass	

		with the one you desire					

4.4. The add to cart function

Pre-conditions	Acces link: automationpractice.com The user is logged in
Test Data	One Printed Dress One thousand Printed Dresses Gsdgnksj123 Printed Dresses

ID	Name	Summary	Steps to reproduce	Expected result	Actual result	Pass/Faill	Notes
TC_1	Add to cart one Printed Dress	While logged in, from the main menu, user can add to cart a product	1.From the main menu move your cusor on the desire product, in this case te Printed Dress. 2.Click the button that is displayed bellow the image Add to cart. 3.Click on the button Continue shopping	In the cart section there should be a product, in this case one Printed Dress	In the cart section there is a product, in this case one Printed Dress	Pass	
TC_2	Add to cart one thousand Printed Dress	While logged in, from the main menu, user can add to cart as many products he or she wants.	1.From the main menu move your mouse over the desire product, in this case the Printed Dress. 2.Click the button that is displayed bellow the image Add to cart. 3.Click on the button Continue shopping 4.Move your mouse to the cart section, where a dropdown menu will apear 5.Click on the Check Out button 6.Add 1000 quantity products from the Qty input field	One thousand Printed Dresses should be displayed in your cart, and the price should multiple by 1000	One thousand Printed Dresses are displayed in your cart, and the price is multiple by 1000	Pass	

| TC_3 | Add to cart Gsdgnksj123 Printed Dresses | While logged in, from the main menu, user can't add to cart as manyan alphanumeric products | 1.From the main menu move your mouse over the desire product, in this case te Printed Dress. 2.Click the button that is displayed bellow the image More. 3.Add Gsdgnksj123 quantity of Printed Dresses. | A message *Null quantity* should be displayed. | A message *Null quantity* is displayed. | Pass | |

4.5. The add to whislist and compare function

Pre-conditions	Acces link: automationpractice.com The user is not logged in
Test Data	Printed Dress Printed Chiffon Dress

ID	Name	Summary	Steps to reproduce	Expected result	Actual result	Pass/Faill	Notes
TC_1	Add to whislist a product_1	Without beeing logged in a user shouldn't be able to add to his or hers wishlist a product (Printed Dress)	1.From the main menu move your cusor on the desire product, in this case te Printed Dress. 2.Click the button that is displayed bellow the image More 3.Click on the Wishlist button, bellow the Add to cart button	A message *You must be logged in to manage your wishlist* should be displayed.	A message *You must be logged in to manage your wishlist* is displayed.	Pass	
TC_2	Add to whislist a product_2	Without beeing logged in a user shouldn't be able to add to his or	1.From the main menu move your mouse over the desire product, in this case the Printed Dress. 2.Click the button Quick view that is displayed in the center of the image.	A message *You must be logged in to manage your wishlist* should be displayed.	A message *You must be logged in to manage your wishlist* is displayed.	Pass	

		hers wishlist a product (Printed Dress)	3.Click on the Wishlist button, bellow the Add to cart button.				
TC_3	Compare two products_1	Without beeing logged in a user/ visitor should be able to compare two products.	1.From the main menu move your mouse over the desire product, in this case the Printed Dress. 2.Click the button More, that is displayed bellow the image. 3.Click on the Add to compare button	There should be an Add to compare button on the products page.	There isn't an Add to compare button on the products page.	Faill	
TC_4	Compare two products_2	Without beeing logged in a user/ visitor should be able to compare two products.	1.From the main menu seach into the seach bar for a product, in this case the Printed Dress. 2.Move your mouse over the displayed image and press the Add to compare button bellow the image. 3.Repeat the first step, but this time search for another product, Blouse. 4.Repeat the second step. 5.Press on the Compare button displayed in your right.	**EXP_1** The first item should be added to the compare list that should displayed in your right. **EXP_2** The second item should be added to the compare list that should displayed in your right. **EXP_3** A page where the two products are beeing displayed should appear with there Features and Price	**EXP_1** The first item is added to the compare list that is displayed in your right. **EXP_2** The second item is added to the compare list that is displayed in your right. **EXP_3** A page where the two products are beeing displayed appears with there Features and Price	Pass	

4.6. User friendly with other equipments

Pre-conditions	Acces link: automationpractice.com
Test Data	Console

ID	Name	Summary	Steps to reproduce	Expected result	Actual result	Pass/Faill	Notes
TC_1	Verify the sites responsiveness	Verify if the website is resposive to all kind of devices	1. On the main page of the site press F12. 2.Click on Toogle device toolbar or Ctrl+Shift+M 3.Select from Dimensions the device you want to test it's responsiveness.	The website should be responsive for every device in the list.	The website is responsive for every device in the list.	Pass	
TC_2	Verify the touchpad for different devices	Verify if the touchpad is active and works properly for every device.	1. On the main page of the site press F12. 2.Click on Toogle device toolbar or Ctrl+Shift+M 3.Select from Dimensions the device you want to test it's responsiveness. 4.Click on the page that is displayed with the touchpad that appears. 5.Click on different buttons, dropdown menus, etc to see if it works properly.	The touchpad should work properly for every device .	The touchpad works properly for every device.	Pass	
TC_3	Verify the performance	Verify the performance insights of the page from different devices.	1. On the main page of the site press F12. 2.Click on Toogle device toolbar or Ctrl+Shift+M 3.Select from Dimensions the device you want to test it's performance. 4.Click on Perfomance insights from the open console. 5.Click on the Measure page load button.	The website should load quiqly	The website takes too long to load.	Faill	

4.7. Get to the main page

Pre-conditions	Acces link: automationpractice.com TC_1 User is on the product page TC_2 User is in the whislist page TC_3 User is on the purchase page
Test Data	-

ID	Name	Summary	Steps to reproduce	Expected result	Actual result	Pass/Faill	Notes
TC_1	Get to the main page_1	Check if a logged user can go back to the main page from a product page.	1.Click on any product from the main page. 2.Click on the logo displayed in your left-center YourLoga a new experience.	The website should take you back on the main page	The website takes you back on the main page	Pass	
TC_2	Get to the main page_2	Check if a logged user can go back to the main page from a whislist page.	1.Click on any product from the main page. 2.Click on the Add to wishlist button bellow the Add to cart one. 2.Open your wishlist page. 3.Click on the logo displayed in your left-center YourLoga a new experience.	The website should take you back on the main page	The website takes you back on the main page	Pass	
TC_3	Get to the main page_3	Check if a logged user can go back to the main page from the purchase page.	1.Click on any product from the main page. 2.Click on the Add to cart button. 2.Click on Procced to checkout button. 3.Click on the logo displayed in your left-center YourLoga a new experience.	The website should take you back on the main page	The website takes you back on the main page	Pass	

4.8. Contact us function

Pre-conditions	Acces link: automationpractice.com
Test Data	Email address:ovidiu@yahoo.com Valid image

ID	Name	Summary	Steps to reproduce	Expected result	Actual result	Pass/Faill	Notes
TC_1	Contact us without writing your email	Check if a user can send a message to customer service without writing hes or hers email address	1.Click on the Contact us button, near the Sign in one. 2.Select a subject heading. 3.Write a message in the input text area. 4.Attached a valid image. 5.Click on the Send button.	The message *Invalid email address* should appear.	The message *Invalid email address* appears	Pass	
TC_2	Contact us without writing a message	Check if a user can contact customer service without writing a descriptive message	1.Click on the Contact us button, near the Sign in one. 2.Select a subject heading. 3.Write down your email address. 4.Attached a valid image. 5.Click on the Send button.	The message *The message cannot be blanck* should appear.	The message *The message cannot be blanck* appears.	Pass	
TC_3	Contact us	Check if a user can contact customer	1.Click on the Contact us button, near the Sign in one. 2.Select a subject heading. 3.Write down your email address.	The message *Your message has been successfully sent to our*	The message *Your message has been successfully sent to*	Pass	

		service.	4.Attached a valid image. 5.Write down your message in the input text area. 6.Click on the Send button.	*team* should appear.	*our team* appears.		

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5.REGRESSION TESTING

After all the updates in the code are done by the developer team, the testers start the regression testing session for those test cases that were failled.

ID	Session	Test Case	Steps to reproduce	Actual Result	Pass/Faill
TC_1	The add to whislist and compare function	Test Case nr.3	1.From the main menu move your mouse over the desire product, in this case the Printed Dress. 2.Click the button More, that is displayed bellow the image. 3.Click on the Add to compare button	There is an Add to compare button on the product page.	Pass
TC_2	User friendly with other equipments	Test Case nr.3	1. On the main page of the site press F12. 2.Click on Toogle device toolbar or Ctrl+Shift+M 3.Select from Dimensions the device you want to test it's performance. 4.Click on Perfomance insights from the open console. 5.Click on the Measure page load button.	The website loads quiqly	Pass