STP

A software test plan for trade website

| Project | ecommerce store  (<https://qa.trado.co.il/>) |
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1.General

Trado is an ecommerce store that specializes in selling a variety of products such as oils, drinks and snacks. Their website provides an easy-to-use platform for customers to browse through their selection of products and make purchases online. The website is designed to be user-friendly and features clear and detailed product descriptions, pricing information. Trado's website also provides a secure checkout process, ensuring that customers can make transactions with peace of mind. Additionally. Overall, Trado's website offers a convenient and reliable way for customers to access high-quality cannabis-based products from the comfort of their own home.

2.Glossary:

| STP | Software test plan |
| --- | --- |
| STD | Software test description |
| Traceability | Possibility to identify details that are connected to the code or to the documents |
| HTTP | A protocol for transferring data in the internet |
| HTTPS | Transfering data on a secure internet network |
| Sanity | Testing the critical and most important tests |
| Exploratory | Test that been tested as the customer\ checking the site in overall |
| GUI | Graphical User Interface everything that is connected to what the user see in front of him. |
| Passed | The test executed and passed |
| Failed | Test executed and failed |
| Skipped | Test cannot be executed |
| Not run | The test didn’t executed |
| Bug | Unexpected result or wrong result |
| Bug fixes | Fixing the bugs |
| Authorization | Authorization test only the user that the allowed who has the permissions to make the action in the system will be allowed |
| (N) | Negative test case |
| Functional testing | Testing what the system does |
| Non-Functional testing | Testing how the system does |
| Happy flow | Testing the system\site flow |

3.Test approach

the test approach involves using an exploratory testing technique to gain a deeper understanding of the system under test. This involves testing the application without any predefined test cases, allowing testers to investigate and experiment with the software in order to find defects, vulnerabilities, and other potential issues.

After performing the exploratory testing, the results can be documented in a traceability table that outlines the specific tests that were performed, the expected and actual results, and any bugs or issues that were found. This provides a clear record of the testing process and helps ensure that all aspects of the system have been tested thoroughly.

In addition to the exploratory and manual testing, automation testing using Python Selenium can be implemented to increase testing efficiency and accuracy.

4.Test requirements for the website

* Home Page
* Login
* Register
* Products
* Search
* Personal Area
* Checkout Process
* Footer Links

5.Test Tree

Based on the test requirements (shown in #3) there is a necessity to build a test tree. Test tree helps testers to organize their testing efforts and provides a clear overview of the testing process.

1. Trado website
   1. Home
      1. Commercial left arrow
      2. Commercial right arrow
      3. Navigate to each commercial
      4. Common question description text
      5. Navigate to all questions
      6. Contact description text
      7. Navigate to contact us
      8. How shipment works description text
      9. Move to more details
      10. Empty cart button
   2. Login
      1. Valid login
      2. Invalid login
   3. Registration
      1. Valid register
      2. Invalid register
   4. Products
      1. Navigate to product page
      2. Product shown in cart
      3. Check product image
      4. Check product title
      5. Check product carton quantity
      6. Check product cost per carton
      7. Check cartons stock
      8. Filter sort to “lowest price”
      9. Filter sort to “highest price”
      10. Filter product order
      11. Upload product
   5. Search
      1. Search looks for product by input
      2. Navigate to product page
   6. Personal Area
      1. Withdraw cash
      2. Valid delivery details
      3. Invalid delivery details
      4. Navigate to “we are here” text link
   7. Checkout Process
      1. Checkout button
      2. valid checkout form
      3. invalid checkout form
   8. Footer Links
      1. Navigate to links

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| **Part I:** Plan & Project Management | 21/3 - 22/3 |
| **Part II:** Architecture Diagram | 23/3 - 24/3 |
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