Test plan by Alexander Kharchev (Web App test plan)

Scope of work

* Registration
* Authorization
* Password Reset
* Product search
* The ability to purchase products in 7 different categories
* The ability to add a product to the cart
* The ability to pay and choose the method of delivery of the products
* The ability to add a product to favorites
* The ability to compare products
* The ability to filter and sort products in different categories
* In the basement on the page there is legal information, customer service information, your account and links to the store's social networks

Testing priority

1. Registration

2. Authorization

3. The ability to add a product to the cart

4. The possibility of payment and the choice of the method of delivery of the products

5. Product search

6. The ability to filter and sort products in different categories

7. The ability to purchase products in 7 different categories

8. Password Reset

9. The ability to compare products

10. The ability to add a product to favorites

11. In the basement on the page there is legal information, customer service information, your account and links to the store's social networks

Types of Testing

Common: System testing, manual testing, black box testing

* Registration – extended
* Authorization – smoke
* Ability to add a product to shopping cart – critical path
* The ability to pay and choose the method of delivery of the products – extended
* Product search – extended
* Ability to filter and sort products in various categories - extended
* The ability to purchase products in 7 different categories - critical path
* Password Reset - extended
* Ability to compare products - critical path
* Ability to add a product to favorites – critical path
* In the basement on the page there is legal information, customer service information, your account and links to the store's social networks – critical path

Test environment: Staging

Testing documentation: test plan, check-list, test-suite (Web App Testing) with test-cases

Testing tools:

* Bug-tracking system – You-Track
* Cloud-based test management system – Qase
* Pairwise testing tool – Pict

Design Test Techniques:

* Boundary value testing
* Pairwise testing

Entry Criteria:

* Test environment has been set-up and all other necessary resources such as tools and devices are available..
* Bugs found during previous testing activities has been fixed and closed
* Test cases are available to execute

Exit Criteria:

* Successful execution of the system tests.
* System’s compatibility with supported hardware and software
* All bugs detected during testing have been fixed

PLAN

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Functions/Elements | Time needed (days) | Complexity (1-5) | In charge |
|  | Registration | 4 | 4 | Tester1 |
|  | Authorization | 3 | 3 | Tester1 |
|  | The ability to add an product to the shopping cart | 3 | 2 | Tester2 |
|  | The ability to pay and choose the method of delivery of the products | 5 | 4 | Tester3 |
|  | Product search | 3 | 3 | Tester1 |
|  | The ability to filter and sort products in various categories | 3 | 3 | Tester3 |
|  | The ability to purchase products in 7 different categories | 3 | 2 | Tester2 |
|  | Password Reset | 3 | 4 | Tester3 |
|  | The ability to compare products | 4 | 4 | Tester3 |
|  | The ability to add a product to favorites | 4 | 2 | Tester2 |
|  | In the basement on the page there is legal information, customer service information, your account and links to the store's social networks | 5 | 2 | Tester2 |

Tester1 – junior (going on vacation for 14 days)

Tester2 – trainee

Tester3 – junior (me)