**Test summary report**

By Moni Manolov

1. Purpose

This report explains the tests, which are applied for the testing of Takami application.

1. Application overview

Takami is online shop for selling fishing gear. A customer can easily buy products from the website and the admin can manage them. They are other activities like registration, login, adding product to cart, which are applied to make the main activity easy.

1. Testing scope

* In scope

1. Registration
2. Making new order
3. Make item unavailable/available

* Out of scope

Acceptance testing is not applied to this application

* Items, which are not tested

The services of the backend do not have their own test classes but they are tested in the controllers tests.

1. Metrics

* Number of tests cases planned vs executed

|  |  |
| --- | --- |
| Test cases planned | Test cases executed |
| 52 | 52 |

* Number of test cases passed/failed

1. Types of testing applied
2. Unit testing

The unit tests cover all the models in the project. Each model has its own unit test, which tests his getters, setters and constructors.

1. Integration testing

* Controller testing

Tests include one controller testing which is for product controller and test its all mappings.

* Repository testing

There is one repository testing which is applied on the user repository and tests all methods in it.

1. System testing

The activities tested with the system testing:

* Registration
* Login
* Make a new request
* Make item unavailable
* Add new product

1. Test environment and tools

The environment, in which test are performed is in localhost. The tool that is applied for integration and unit testing is Junit 4 and for the system testing is applied Cypress.

1. Exit criteria

All the test that are planned are ran and they pass.