

TEST PLAN

PRODUCT: Web Application <https://demo.saleor.io/>

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1.0 INTRODUCTION

The aim of this Test Plan is to introduce testing approach which I've used to test Project <https://demo.saleor.io/>

2.0 SCOPE

In scope applications:

- <https://demo.saleor.io/>
- <https://pwa.saleor.io/dashboard/> - redirected from above url

3.0 TEST STRATEGY

Here is short description of test strategy I've decided to use for testing this project:

- 3.1. **Unit Testing** – application is not covered by unit tests
- 3.2. **Integration Testing** – there are no integration tests module, several integration tests are executed as a part of automated regression test suit.
- 3.3. **DB tests** – out of scope due to lack of DB access from customer
- 3.4. **End-to-End** tests (including UI) – exploratory tests are executed manually
- 3.5. **Automated Regression Testing** – several tests which are responsible for key features in application have been automated

Cypress.io is used as main tool for test automation

It is planned to implement only few automated tests to demonstrate test automation approach. Other tests could be added in further iterations

In current iteration default settings of cypress.io were used. No additional plugins were installed. This could be improved in future.

The main idea was to try cypress.io best practices and to organize tests in specs in isolation, not to use Page Object pattern.

- 3.6. **Non-functional** tests are out of scope for current iteration

4.0 Environment/tools:

Chrome 84 for Windows 10.

Node.js Version (12.13.0)

Cypress.io 4.12.0

5.0 Test schedules:

Data	Description
05/08/20	Test Plan preparation
	Exploratory testing/learning application
06/08/20	Creating GIT repositiorium
	Automated tests first draft
06/08/20	Automated tests refactoring
	Test report preparation
	Bug reports preparation
	Send work done to customer

6.0 Risks/Assumptions

Nr	Description	Mitigation
1.	Lack of Product requirements	Experience in e-commerce testing
2.	Short timelines	Only several functionalities to be automated in this iteration to demonstrate Proof of Concept Only several bugs will be reported with verbose description, other findings will be reported in a shorter form
3.	Lack of access to Data Base	DB tests have been executed and do not contain any critical issues
4.	Lack of previous experience with cypress.io	Automated tests will be written in a simple form, improvements and code refactoring will be done in next iterations

5.	Read-only access to most API calls on dashboard	Functionalities blocked to read-only access to be tested in next iterations
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