Web application "Bazar" Testing Strategy

Project info

Bazar - is a web application for the exchange and trading of products (i.e lots). The application has such features as registration, authorization, creation, exchange, and selling of lots.

Project page:
https://docs.google.com/document/d/1LE32nD_c5kYuhdG1W7u5trWSede22xWxHFNP_SXnrVM/edit

Start date: 23.12.2022

End date: 28.12.2022

Responsible person: Alan Gasiev

Project details:
Frontend address: http://bazar.jettycloud.com/
Backend entrypoint address: http://bazar.jettycloud.com:8080
Database: http://bazar.jettycloud.com:9091/
Swagger: http://bazar.jettycloud.com:8080/swagger-ui/index.html

Test environment:
PC with Windows OS
Browser: Google Chrome latest version
API Testing is done with the use of Postman

Objectives:
Functionality, security, quality, and effectiveness verification during

1. Registration and authentication

2. Creating, selling, and exchanging lots
3. Delivery and interaction with notifications

Timelines

Dates	Stage	Activities	Exit criteria	QA Docs
23.12.2022	QA planning	Test strategy creation, QA sign off	Test strategy is ready, QA sign off passed	Test strategy
24.12.2022	Functionality tests development	Development of functional tests covering all essential functions of the app (Sign In, Sign Up, Creating of lots, buying lots, notifications)	Test cases are created at https://testit.jettycloud.com/test-suites/QBC-3658	
25.12.2022	Non-functional tests development	Development of non-functional tests covering Security, Reliability, Volume	Test cases are created	
26.12.2022	Testing and bug-report	Execution of test-cases and reporting all found bugs	All tests-cases are executed and all found bugs reported	Bug report at https://qabootcamp-1.atlassian.net/jira/software/projects/BA/boards/23

27.12.2022	Test report	Creating a test report	Test report is done	

Possible risks:

	Possible risk	Possible resolution of a problem
	During web-application testing	
1	Server or Database crash (engineer deleted the data)	Give restricted access to team members that will not allow to make such changes
2	Critical bugs in the beginning stage of testing when it is not possible to make all the necessary checks	Developing of quality unit-tests and software examination should be done before passing the project to a testing team
	Management risks	
3	The team is short on time for Sprint 1	Extra day included in time limits
4	Absence of a team member	Team members have the knowledge to fill in for an absent team member

End of testing parameters:

The main functionality (registration and authorization, viewing, creating, editing, deleting a lot, and creating an application form for a lot) is covered by test cases.

There is no bug reports which severity Severity is - blocker and critical