Project name: Online store

Introduction

Demo Online store is a web shop where customers can buy goods. The app was developed by another team of developers. The app is tested for the first time.

Goal

To ensure that the main functions (registration, catalog, cart, payment, etc.) work correctly, securely and stably.

In Scope

- Registration and authorization
- Catalog
- Cart
- Payment
- Placing orders
- Order history
- Page "Contacts", "About the company", "Usage policy"

Out of Scope

- Localization into other languages
- Internationalization
- Regression testing
- Automated testing
- Load testing

Testing strategy

1. Testing will be performed at all levels: unit, integration, system and acceptance.
2. It is necessary to conduct smoke, retest and regression testing for each release.
3. Test automation at the level of integrations and GUI.
4. GUI testing
5. Cross-browser and cross-platform testing
6. Usability testing
7. Performance testing
8. Security testing
9. Functional testing

* If necessary, it is also worth conducting accessibility testing.

Entry Criteria

1. *Development Completion:* All application components are developed and ready for testing.
2. *Test Environment Availability:* The test environment is set up and fully functional, including servers, databases, and other dependencies.
3. *Tools Availability:* All necessary testing tools, including test management and bug tracking software, are set up and ready for use.
4. *Documentation:* Technical documentation, project requirements, user stories, and acceptance criteria are fully developed and available to testers.
5. *Test Plan:* A detailed test plan has been created.
6. *Training and Knowledge:* The testing team has received the necessary training and has all the information needed to begin testing.

Exit Criteria

1. *Test Case Completion*: All planned test cases have been completed.
2. *Critical Errors:* There are no critical errors that could significantly affect the functionality of the application or the security of user data.
3. *Test Goals Achieved:* The goals outlined in the test plan have been achieved.
4. *Acceptance Criteria Satisfied:* The application meets all acceptance criteria defined by the customer or the development team.
5. *Reporting:* Test reports have been prepared and approved, including a description of the tests performed, defects found, and the results of fixes.
6. *Defect Resolution:* All detected defects have either been fixed and retested, or a reasoned decision has been made to defer their fix with appropriate risks and conditions.
7. *Stakeholder Confirmation:* Confirmation has been received from stakeholders (e.g., customer, development team, project management) that the application is ready for further deployment or release.

Team

- 3 QA Ingineers
- Development team
- Designer

Risks

Technical risks

- Difficulties in implementing the application on different platforms and browsers

- Risks in terms of security and application load
- Possible difficulties with the integration of payment systems

Human risks

- Lack of experience in the testing and development team
- Communication difficulties due to lack of experience
- Shortage of personnel due to the absence of the second tester due to vacation
- Limited time for such a volume of testing
- Potential gaps in requirements (new project for the team)

Resources

Hardware

Human Resources

Tools

- ❖ YouTrack — checklists, text cases and bug reports
- ❖ QASE — test runs, bugs
- ❖ Google Docs checklists, test data
- ❖ Chrome DevTools
- ❖ Postman (for API testing)
- ❖ MySQL
- ❖ Figma (for design verification)