Test Strategy

1. Document Profile

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Target audience: product owner, project manager

System name: e-commerce system

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2. System Description

Description: system consist 3 main services:

- authentication service
- product service
- cart service

Project acceptance criteria: the results of the performance testing meet the requirements

Identification and analysis of risks:

- time limit
- budget limit
- resource limit (engineers)
- functional bugs during performance testing
- absence of the proper testing tools
- absence of test environment for performance testing

3. Performance Test Objectives

Intended audience:

- product owner
- project manager
- development team
- system administrators
- content managers
- users

Starting of performance testing: after functional test cases execution, a performance test environment is provided

Expectations:

- to achieve the fast system response
- to keep the system running at the maximum number of users
- to increase downtime of the system

Success criteria of the project: after achieving of KPIs

Expected Outputs: the analysis report

KPIs

- deadline
- downtime of the system
- availability of the system
- percentage of new and repeat visits
- number of started, but not completed orders
- percentage of visitors who complete an order
- size of the average check
- number of transitions from different sources

- indicator of interaction with the site functionality (product filters)
- number of calls on different communication channels
- time that visitors spend on the site