1. Document Profile

ID # 0001
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Recipients - product owner, project manager, business owner
System Name - basic e-commerce portal
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2. System Description

This project is a set of simple services, which partially represent common logic elements of e-commerce systems.
It contains 3 python apps:
- Authentication service - token auth mechanizm
- Product service - info of product (all products or by ID)
- Cart service - add product to user cart, view some items and checkout

Project acceptance criteria
- System can serve * of max users simultaneously
- The response time from the system does not exceed * seconds
to define by product owner, project manager, business owner

Identification & analysis of risks:
- External risks (network failure, hardware failure)
- Functional bugs during performance testing
- Resource limit (time and engineers)
- Absence of test environment for performance testing

3. Performance Test Objectives

Audience:
- business owner
- product owner
- project manager
- developers
- QA engineers
- other managers
- users

Starting of performance testing: all functional test cases are passed and a test environment is provided

Success criteria of the project: all KPIs are achieved.

4. Expected Outputs

Results Analysis Report contains test results in table as well as graph formats.

5. KPIs

Response time
Throughput
Max throughput
Availability of the system
Downtime of the system