

## Performance Test Plan Template

Revision 28/06/2021

**Purpose:** We will attempt to determine the ultimate increase in load over a short time. We'll going to send a large load to simulate a massive arrival of users

**Website Description :** The site has for first goal to display the results of athletes of the club during the next week. In second time, the site has for goal to display information about athleticism and registration to the club.

### Performance Criteria

**Goals:** To determine the max number of people who can access in simultaneous to the website.

**Test Type:** **Spike Test**

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This test will attempt to launch a great charge on the website to simulate an important number of people who try to access the website.

**Failure Criteria:** A test run will be considered "failed" if any of the following conditions are met:

- The website render a timeout error
- Loose of website accessibility to customers

**Validation Criteria :**

- People can access the website without problem
- No error will be display or send
- People can navigate between different page on the website

### Technical Requirements

**Environment:** Monolith Application.  
Back-End :  

- PHP

Front End :  

- HTML5 / CSS 3 / JS

**Credentials:**

**Telemetry:** We need to measure some metrics :

- Error rate
- Response Time
- Website vitality (Down or no)

### Load Profile

**User Lifecycle:** Everyone who wants to accede the website can use google.

Steps :

- Go to google and tapping "ajbo"
- Click on the first link
- Accede to the homepage of the website with actuality of the club

Concurrency:	Concurrency will evolve as a continuous charged load. Number of users arrive at the same time to the website, and navigate to different pages of the site.
Post-Test Analysis	
Data collection:	All data use during the test was the same as in the production environments
Reporting:	
Summary:	