Test Plan

Project Name: Webserver Marconi
Group: Team7
Focus: Test Plan

Version	Date	Author	Change Description
1	19/04/2020	Matteo Corsi	Initial plan

Introduction

This exercise discovers faults and failures in the software. Testing is necessary to eliminate errors in the software developement process. This document describe the testng procedures for Webserver Marconi software project.

Test specification

This section shows the different levels of testing performed during the software development process. It includes integrations and system tests performed by the team members to verify that the system fulfills the requirements and performs as expected. The complete testing procedures are outlined in the test specifications document.

Test Reports

Test reports offer feedback about the testing exercise and are informational to project stakeholders. The reports in this testing exercise track incidents, defects, and changes while testing the system.

Items and Features tested

Website

The website is tested at the end of each big developement phase, small testings will be also executed during software developement. During the test the team will test selected part of the software and check the results with the requirements.

Approach

Strategy

The testing approach includes team members role-playing by acting as users of the website- They will perform normal operations that users will be able to do frequently.

Techniques/Tools

Developers will perform test to check code functionality and execution of the software. Developers will perform white-box and black-box testing to cover all parts of the software.

Test Goals

The goals of this testing exercise include finding various user situations and testing against these situations in order to discover any errors that may cause failures. The ultimate goal is to ensure that the team delivers an error-free functioning system.

Test Deliverables

A test plan that delineates the testing phase of the development process. A test specification document detailing steps in the testing procedures and their result.

Required Resources

Human resources:
Matteo Corsi
Riccardo Convertino
Tommaso Osti
Riccardo Scardoni

Material: Angular and PHP for developement, VisualStudio Code as editor, GitHub as software storage, Adobe Acrobat(.pdf) and ReadTheDocs(.md) for documentation.