

TEST PLAN FOR Anna Cori website

ChangeLog

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1. Introduction

The purpose of the Test Plan report is to provide a clear and comprehensive overview of the testing process, including the scope of testing, the resources and environment required for testing activities. In addition, this report will outline the test levels, the bug triage, and the test methodology applied in the Anna Cori project.

1.1 Scope

1.1.1 In Scope

The following features and functional requirements of the Anna Cori website were defined as in scope of testing:

- Website functionality – testing that the website’s features and functions work as expected
- UI – testing that the website’s user interface is easy to use and navigate, and that all CTAs buttons and links work as expected
- Input validation – testing that the website properly handles and validates use input, and that it displays appropriate error messages when necessary
- Security – testing that the website is secure and protected against potential threats, and that it implements proper security features such as user authentication and data encryption
- Compatibility – testing that the website is compatible with different browsers and operating systems

1.1.2 Out of Scope

These features are not tested because they are out of scope:

- Software Interfaces
- Non-functional testing like stress, performance, volume, upgrade
- Automation testing
- Integration with other third-party app, like payment page
- Accessibility testing

1.2 Quality Objective

The test objectives of website Anna Cori are:

- Ensure the Application Under Test conforms to functional and nonfunctional requirements
- Ensure the AUT meets the quality specifications defined by the client
- Bugs/issues are identified and reported
- To evaluate UX on website

- Identifying potential vulnerabilities
- Executing exploratory tests

1.3 Roles and Responsibilities

The team will consist of the following members:

No.	Member	Responsibilities
1	Test Manager	Manage the whole project
		Define project directions
		Track test progress and supervises the teamwork through test planning
2	Tester	Identifying and describing appropriate test techniques /tools/automation architecture
		Execute the tests, Log results, Report the defects.
		Outsourced members
3	Developers	Producing clean, efficient code based on specifications
		Integrate software components and third-party programs
		Troubleshoot, debug and upgrade existing software
4	QA Analyst	Reviewing and approving test results
		Working closely with the product team on the design and development of new features
5	Configuration Manager	Preparation of complete configuration documentation
		Organization and planning
		Help assist in maintenance of tools

2 Test Methodology

2.1 Overview

The **Agile** test methodology was selected for Anna Cori project as it provides a continuous feedback loop in the development process.

Agile methodology encourages teams to work together closely, with regular meetings and communication to ensure that everyone is on same page, for example daily stand-up meeting which last 15 minutes and allows each contributor to report on their accomplishments since the last stand-up meeting.

Also, this methodology allows for better predictability and stability by breaking the project into small, manageable chunks.

2.2 Test Levels

In the Anna Cori project, the following types of testing should be applied:

- System Testing – ensuring that the website meets its functional requirements
- Acceptance Testing – ensuring that the website meets the business and user requirements
- Security Testing – identify any security vulnerabilities

2.3 Bug Triage

The goal of the triage is:

- To define the type of resolution for each bug
- To prioritize bugs and determine a schedule for all “To Be Fixed Bugs”.
- Critical bugs will be addressed immediately by the development team, while medium-priority bugs will be included in the next sprint
- The Test Manager will conduct regular reviews of the bug tracker with the development team and project manager to ensure that all bugs are being addressed in a timely manner.

3 Test Deliverables

- Test Cases
- Bug reports
- Test Plan
- Test Strategy
- Test Metrics
- Test Completion Report

4 Resource & Environment Needs

4.1 Testing Tools

- JIRA
- Testiny
- Browser stack
- Network
- Computer

4.2 Test Environment

- Windows 10 and above
- Office 2013 and above
- Hardware 16 GB RAM
- Browser stack
- Mobile device (iOS 11)
- Google Chrome (Version 108.0.5359.125)
- Microsoft Edge (Version 109.0.1518.52)
- WLAN: Wi-Fi

5 Terms/Acronyms

TERM/ACRONYM	DEFINITION
API	Application Program Interface
AUT	Application Under Test
UX	User Experience
CTA	Call to Action
UI	User Interface