

FX DIGITAL

TEST PLAN

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1. ABSTRACT

This document provides an overview of the project, the product testing strategy, and a list of testing deliverables.

2. VERSION HISTORY

Version	Written by	Revision Date	Approved By	Approval Date	Status
1.0	Isaac D.L.	07/12/19	Isaac D.L.	08/12/19	Approved

3. INTRODUCTION

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities for the FX Digital web application.

The plan identifies the elements and features to be evaluated, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete the testing and the risks associated with the plan.

4. TEST STRATEGY

4.1. Scope Of Testing

4.1.1.Features To Test

The next features will be tested.

Module Name	Roles	Description
Landing page	General users	General user: 1. Each user can see in the navigation bar the links named "Work", "Services", "About", "Insights", "Careers", and "Contact".

		<ol style="list-style-type: none"> 2. Every link must redirect to the corresponding page. 3. The landing page must have the sections "Abstract", "What We Do", "Projects", "Our Clients", "Our Story", "Our Partners", "Insights" and "Contact". 4. The contact section must contain a form with "first name", "last name", "email address", "phone number", "company", "message" and a send button.
Work Page	General users	General User: <ol style="list-style-type: none"> 1. Each user can view a link for each sub section "All projects", "Connected TV", "Voice", "Web".
About Page	General users	General User: <ol style="list-style-type: none"> 1. Each user can view the sections "main", "Our Story", "Our Values", "People", "Awards", "Our Memberships", "Careers", "Insights".
Insights Page	General users	General User: <ol style="list-style-type: none"> 1. Each user can view a link for each sub section "All", "Augmented reality", "Awards", "Careers", "Chatbots", "Connected TV", "Events", "Insights", "Intern Spotlight", "News", "Partnerships", "Uncategorized", "Voice Assistants", "Websites", "White Papers".
Careers Page	General users	General User: <ol style="list-style-type: none"> 1. The "Careers" link in the navbar must redirect to the Careers page https://careers.fxdigital.uk/.
Contact Page	General users	General User: <ol style="list-style-type: none"> 1. The contact page must contain a form with "first name", "last name", "email address", "phone number", "company", "message" and a send button.

4.2. Types Of Tests

Functional Tests: In these tests the behavior of the system is simulated when used by its users. It is a way to evaluate the conformity with the specified requirements.

4.3. Risks And Problems

Risk	Mitigation
Updates in the user interface	Using of tools of elements localization and keep a record of the app version.

4.4. Logistics

4.4.1. Testers

The testing of this project will be performed by Isaac Alejandro Diaz Lopez, who will perform the documentation and testing.

4.4.2. When will the tests take place?

Testing will begin when the following requirements are met:

- The operation of the application is known in detail.
- The previous documentation is finalized.
- The test environment is properly configured.

5. OBJECTIVES

The objectives of the testing are to evaluate FX Digital's web application, as well as to demonstrate how Selenium works as an automated testing tool.

6. TESTING CRITERIA

Acceptance testing (behave and selenium) should cover the core functionality of FX Digital's web application as well as simulate general user usage.

7. RESOURCES

No.	Resource	Description
1.	Hardware	A computer with Windows 10 and 16 RAM will be used for testing.
2.	Testing Tools	Selenium and Behave will be used on a virtualized Python environment for testing.
3	Web driver	Google Chrome V. 113 browser will be used in conjunction with ChromeDriver of the same version.

8. TESTING ENVIROMENT

The tests will be executed locally on a virtual Python environment with Selenium and Behave previously configured.

9. CALENDAR

Task	Estimation
Environment definition	30 minutes
Definition of behavioral characteristics (Behave)	120 minutes
Code of acceptance tests	180 minutes
Test Report	60 minutes
Total	6.5 hours

10. TEST DELIVERABLES

10.1. Before

- Test Plan Document.
- Test Case Document.

10.2. After

- Test Report