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Introduction

The Test Plan has been created to facilitate communication within the team. This document describe approaches and methodologies that will apply to the unit, integration and system testing of "https://www.ultimateqa.com/automation/". It includes the objectives, scope, assumptions/risks, test approach, milestones and deliverables.

1.1 Objectives

Using playwright/Typescript to create and store tests as well as the results of running those tests. The test team is responsible for testing the product and ensuring it meets the client needs.

1.2 Team Members

Resource Name	Role
M Williams	Tester

Scope

The initial phase will include all 'must have' requirements. The document also targets the GUI testing and validating requirements provided by Client.

Functions to be tested:

1. GUI
2. Performance

Functions not be tested:

1. Nothing other than mentioned above

Assumptions / Risks

1.3 Assumptions

1.4 Risks

The following risks have been identified and the appropriate action identified to mitigate their impact on the project. The impact (or severity) of the risk is based on how the project would be affected if the risk was triggered.

#	Risk	Impact	Trigger	Mitigation Plan
1	Scope Creep – as testers become more familiar with the tool, they will want more functionality	High	Delays in implementati on date	Each iteration, functionality will be closely monitored. Priorities will be set and discussed by stakeholders. Since the driver is functionality

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				and not time, it may be necessary to push the date out.

Test Approach

Test cases will be created during exploratory testing. All test types are determined in Test Strategy. Team must also use experience-based testing and error guessing utilize testers' skills and intuition, along with their experience with similar applications or technologies.

1.5 Test Automation

Automated unit tests are part of the development process.

1.6 Test Environment

- Browsers
  - Windows 10: Edge, Chrome (latest), Firefox (latest), Safari (latest)
  - Mac OS: Chrome (latest), Firefox (latest), Safari (latest)
  - Linux Ubuntu: Chrome (latest), Firefox (latest)
- Programming languages
  - Typescript

Milestones / Deliverables

1.7 Test Schedule

The initial test schedule follows……….

Task Name	Start	Finish	Effort	Comments
Test Planning				
Review Requirements documents				
Create initial test estimates				
Staff and train new test resources				
First deploy to QA test environment				
Functional testing – Iteration 1				
Iteration 2 deploy to QA test environment				
Functional testing – Iteration 2				
System testing				
Regression testing				
UAT				
Resolution of final defects and final build testing				
Deploy to Staging environment				
Performance testing				
Release to Production				

1.8 Deliverables

Deliverable	For	Date / Milestone
Test Plan	Project Manager; QA Director; Test Team	
Traceability Matrix	Project Manager; QA Director	
Test Results	Project Manager	
Test Status report	QA Manager, QA Director	
Metrics	All team members	

1.9 Document Revision History

Date	Version	Description	Author	Reviewer	Approver
19-08-2024	0.1	Test Plan Creation	M Williams		

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