

FUNCTIONAL TEST SCRIPT

Website Redevelopment Product Catalogue

Manchester Technology — manchestertech.ae

DEPARTMENT: WORDPRESS

DOCUMENT REFERENCE	KW-SOW-WP-2024-0012-FUNC
VERSION	1.0
DATE OF ISSUE	2024-04-27
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SOURCE SOW	KW-SOW-WP-2024-0012



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1 Purpose & Scope

This Functional Test Script applies to the Manchester Technology Website Redevelopment Product Catalogue project, delivered by KrishaWeb for Manchester Technology. The release under test is the redeveloped WordPress website for www.manchestertech.ae, as specified in Statement of Work KW-SOW-WP-2024-0012.

The purpose of this document is to define the boundaries of functional testing for the website prior to go-live. All test cases are derived directly from the requirements and acceptance criteria in the approved SOW. Any requirement, feature, or deliverable not explicitly covered by a written test case in this script is out of test scope and will not be verified as part of this release.

1.1 In Scope for Functional Testing

- Redesigned public website pages: Home, About, Solutions, Case Studies, News & Events, Contact, with approved corporate branding (FR-CM-01).
- Mobile-responsive design and usability across all templates and devices (FR-CM-02).
- Product catalogue functionality, including searchable Products page, filters, individual product pages, and product search (FR-SE-01, FR-SE-02, FR-SE-03, FR-SE-04, FR-SE-05).
- Lead generation features: enquiry forms, WhatsApp chat, and calls-to-action on all relevant pages (FR-BK-01, FR-BK-02, FR-BK-03, FR-BK-04).
- E-commerce and checkout flows for designated products, including secure payment gateway integration and order confirmation (FR-EC-01, FR-EC-02, FR-EC-03, FR-EC-04).
- Content management, admin access, editorial workflow, and migration of all existing content and product data (FR-CM-07, FR-CM-08, FR-CM-09, FR-CM-10, FR-CM-11).
- Integrations with Google Analytics, Google Search Console, and WhatsApp (FR-IN-01, FR-IN-02, FR-IN-03).
- Hosting migration, minimal downtime, and post-migration verification (FR-AD-01, FR-AD-02, FR-AD-03).
- Administration roles, access control, and user authentication (FR-AD-04, FR-AD-05, FR-UA-01).
- Accessibility compliance with WCAG 2.1 AA (FR-AC-01).
- Reporting and analytics setup, including goal tracking in Google Analytics (FR-RP-01, FR-RP-02).
- English-only site delivery for initial launch (FR-ML-01).

1.2 Out of Scope for Functional Testing

- Any requirement, feature, or deliverable not explicitly stated in Statement of Work KW-SOW-WP-2024-0012.
- Testing of features, integrations, or content not covered by a written test case in this script.
- Development or verification of new pages or features beyond those listed in the SOW.
- Ongoing SEO management, paid campaign management, or integration with CRM or inventory systems.
- Native mobile application development or multilingual support beyond English.
- Hosting provider selection or management of hosting costs.

Test Coverage Limitation Only requirements with written test cases in this script will be tested. Any item not mapped to a test case is excluded from functional verification for this release.

2 Test Approach

Functional testing for the Manchester Technology website redevelopment will be conducted against the requirements and acceptance criteria defined in the approved Statement of Work KW-SOW-WP-2024-0012. Testing will verify the implementation of the product catalogue, lead generation features, content migration, integrations, and performance optimizations on the new WordPress platform. All tests will be executed on the staging environment prior to production deployment, with responsibility for test execution and defect management assigned to the KrishaWeb QA team. The client team will participate in user acceptance testing following successful completion of internal QA.

2.1 Test Types, Owners, and Environments

TEST TYPE	OWNER	ENVIRONMENT
Functional Testing	KrishaWeb QA Team	Staging
Regression Testing	KrishaWeb QA Team	Staging
User Acceptance Testing (UAT)	Manchester Technology Client Team	Staging
Performance Testing	KrishaWeb QA Team	Staging
Post-Migration Verification	KrishaWeb QA Team, Manchester Technology	Production

Test types, responsible parties, and environments for the Manchester Technology website redevelopment.

2.2 Entry Criteria

- All development tasks for the current test cycle are marked as complete in the project tracker.
- Staging environment is deployed with the latest code, content, and configuration.
- Test data, including product and content records, is available and migrated as per scope.
- All integrations (Google Analytics, WhatsApp, payment gateway) are configured in staging.
- Test cases are prepared and reviewed by the QA lead.

2.3 Exit Criteria

- All test cases for Must-priority requirements are executed with documented results.
- No open Must-priority defects remain unresolved in the defect tracker.
- All Should-priority defects are reviewed and either resolved or accepted by the client for post-launch.
- Regression testing confirms that previously passed functionality remains unaffected by fixes.
- All acceptance criteria in the SOW are verified as met for the tested release.
- Test summary report is reviewed and approved by the project manager and client representative.

2.4 Defect Management and Retesting

Defects identified during testing will be logged in the project defect tracker with severity and requirement mapping. Must-priority defects will be addressed before exit criteria can be met. Retesting will be performed on

resolved defects prior to UAT. Any open Should-priority defects will be documented and reviewed with the client for acceptance or scheduling in a future release.

2.5 UAT Participation and Sign-Off

User acceptance testing will be conducted by the Manchester Technology client team on the staging environment. The KrishaWeb QA team will provide support and guidance during UAT. UAT sign-off is required from the client representative before production deployment and project closure.

3 Environment & Test Data

Testing for the Manchester Technology website redevelopment will be conducted across three environments: Development, Staging, and Production. Each environment is configured to match the technical stack and hosting arrangements specified in the approved Statement of Work. Data states and user access are controlled to ensure test reliability and security.

3.1 Test Environments

ENVIRONMENT	URL / ACCESS	PURPOSE	DATA STATE
Development	dev.manchestertech.ae (restricted access)	Internal development and QA	Synthetic and anonymized data
Staging	staging.manchestertech.ae (restricted access)	Pre-launch testing and client review	Full migrated data, refreshed before each test cycle
Production	www.manchestertech.ae	Live site for end users	Live business data

Environment URLs are placeholders and will be updated with actual subdomains or IPs as provisioned.

3.2 Test Data Accounts

- Admin: qa.admin@example.com (full admin rights)
- Content Editor: qa.editor@example.com (content management rights)
- Test Customer: qa.customer@example.com (for checkout and enquiry flows)
- No real customer or business data will be used in Development or Staging environments.

3.3 Product and Content Data

- Development and Staging environments will use a representative set of 2 to 3 products across 5 categories, as per FR-SE-02 and FR-SE-05.
- Product data includes images, specifications, and pricing/enquiry options, matching the structure defined in the SOW.
- Case studies, news, and static content will be migrated and refreshed in Staging prior to UAT, as required by FR-CM-08.

3.4 Data Reset and Refresh Policy

- Development environment data may be reset at any time to support iterative testing.
- Staging environment data will be refreshed from the latest production export before each formal test cycle and after major content migrations.
- Production data will not be reset or altered except as part of the final go-live migration.

3.5 Test Data Management

- Test accounts and synthetic data will be used for all functional and regression testing.
- No real customer credentials or payment information will be entered in any environment except Production.

- Checkout-enabled products in Staging will use sandbox payment gateway credentials only.

3.6 Data Security and Confidentiality

- All test data will comply with data protection requirements and will not include any real customer personal information.
- Access to Development and Staging environments is restricted to authorized project team members only.
- Credentials and sensitive configuration details will be managed outside of this document and distributed securely to testers as required.

4 Functional Test Cases

This section defines the functional test cases for the Manchester Technology website redevelopment project. Each test case is mapped to a specific requirement from the approved Statement of Work (SOW) and is designed to verify that the delivered system meets the agreed business and technical objectives. All cases are written for the new WordPress-based product catalogue and lead generation platform, covering public website features, product catalogue, lead capture, e-commerce, content management, integrations, hosting, administration, accessibility, analytics, and user account requirements.

4.1 Public Website and Content Pages

All core pages display the approved corporate design and branding					FT-01
REQUIREMENT	PRIORITY	TYPE	ROLE		
FR-CM-01	Must	Positive	Guest		
Objective		Verify that all core pages use the approved design and branding.			
Pre-conditions		Site is deployed on staging or production environment with approved design assets.			
STEP	ACTION		EXPECTED RESULT	RESULT	
1	Navigate to the Home, About, Solutions, Case Studies, News & Events, and Contact pages.		Each page displays the approved design, layout, and branding elements consistently.		

All pages are fully mobile responsive across devices					FT-02
REQUIREMENT	PRIORITY	TYPE	ROLE		
FR-CM-02	Must	Positive	Guest		
Objective		Verify that all pages render correctly and are usable on mobile, tablet, and desktop devices.			
Pre-conditions		Site is accessible on multiple device types and browsers.			
STEP	ACTION		EXPECTED RESULT	RESULT	
1	Open each core page on a mobile phone, tablet, and desktop browser.		All content is visible, layouts adjust responsively, and navigation is usable on all devices.		

All pages achieve required Google PageSpeed Insights score				FT-03
REQUIREMENT FR-CM-03	PRIORITY Must	TYPE Positive	ROLE Tester	
Objective	Verify that all pages load quickly and meet the performance target.			
Pre-conditions	Site is deployed and accessible for testing.			
STEP	ACTION		EXPECTED RESULT	RESULT
1	Run Google PageSpeed Insights on Home, Products, and Contact pages for both desktop and mobile.		Each page scores 85 or higher on both desktop and mobile.	

5 Defect Management

Defect management for the Manchester Technology website redevelopment project is structured to ensure that all issues identified during functional testing are classified, tracked, and resolved within agreed response times. Defects are categorised by severity based on observable system behaviour, with each severity level linked to a specific response and resolution timeframe. All defects must be logged in the project's defect tracking system and referenced by their requirement ID where applicable.

5.1 Defect Severity Levels and Definitions

SEVERITY	DEFINITION (OBSERVABLE BEHAVIOUR)	INITIAL RESPONSE TIME
Critical	System is unavailable, data loss occurs, or a core business function (e.g., product search, checkout, lead capture) fails completely with no workaround.	Within 2 business hours
High	A major feature does not work as specified (e.g., product page does not load, forms do not submit), but a workaround exists. No data loss.	Within 4 business hours
Medium	A non-core feature does not work as specified (e.g., minor layout issue, incorrect SEO metadata), but core functions are unaffected.	Within 1 business day
Low	Cosmetic or minor issue that does not affect functionality or user flow (e.g., typo, spacing, icon misalignment).	Within 2 business days

Severity levels are assigned based on the actual, observable impact on system behaviour during testing.

5.2 Defect Logging and Tracking

All defects identified during testing must be logged in the designated defect tracking system. Each defect entry must include the requirement ID (where applicable), a clear description of the observed behaviour, steps to reproduce, severity level, and screenshots or supporting evidence. The project manager is responsible for monitoring defect status and ensuring timely assignment to the technical team.

5.3 Assignment and Resolution

Defects are assigned to the responsible technical resource based on severity and area of impact. The technical lead is accountable for ensuring that defects are resolved within the response times defined in section 5.1. Resolution includes code changes, configuration updates, or content corrections as required. All fixes must be reviewed and verified by the QA team before closure.

5.4 Communication and Status Updates

The project manager will provide daily status updates on open defects during the testing phase. Any critical or high-severity defects must be escalated to the client contact immediately upon identification. The client will be notified when defects are resolved and ready for retesting.

5.5 Retesting and Closure

Once a defect is marked as resolved, the QA team will retest the affected functionality to confirm that the issue is fixed and no regression has occurred. Defects are only closed after successful retesting and client confirmation for critical and high-severity issues. All retesting activities must be documented in the defect tracking system.

5.6 Defect Reporting and Metrics

A summary report of all defects, including counts by severity, open/closed status, and resolution times, will be provided at the end of the testing phase. This report will be reviewed with the client prior to go-live to ensure all critical and high-severity defects have been addressed.

6 Sign-off

This sign-off confirms that Manchester Technology and KrishaWeb have jointly reviewed the results of functional testing for the redeveloped WordPress website, www.manchestertech.ae. All functional requirements referenced in the approved Statement of Work (KW-SOW-WP-2024-0012) have been tested and verified, except for any outstanding defects explicitly listed and accepted below.

6.1 Scope of Sign-off

Sign-off applies to all features, integrations, and migrated content delivered under the fixed scope of the signed SOW. This includes the product catalogue, lead generation flows, e-commerce functionality, content management, integrations with Google Analytics and WhatsApp, hosting migration, and all other requirements identified by their unique IDs in the SOW. Any requirement not listed in the SOW is excluded from this sign-off.

6.2 Outstanding Defects Accepted at Sign-off

The following defects have been reviewed and are accepted by Manchester Technology as not blocking go-live. These items will not delay project closure and are acknowledged as known issues at the time of sign-off. No other defects are accepted unless listed here.

DEFECT ID	DESCRIPTION	RELATED REQUIREMENT ID	AGREED RESOLUTION DATE
	No outstanding defects have been accepted at sign-off.		

Any defects not listed above are considered unresolved and must be remediated prior to project closure.

6.3 Exclusions

Sign-off does not cover any features, integrations, or content not explicitly included in the approved SOW. Any future enhancements, additional products, or integrations beyond those tested and listed in the SOW will be managed through the formal change control process.

6.4 Acceptance of Deliverables

By signing below, the parties confirm that all deliverables have been reviewed and accepted as meeting the requirements of the approved SOW, subject only to the outstanding defects listed above. This sign-off authorizes KrishaWeb to proceed with project closure and final handover.

Signing this document confirms acceptance of all tested deliverables, subject to the exclusions and outstanding defects listed above.

KrishWeb — QA Lead

SIGNATURE

NAME & DATE

KrishWeb — Project Manager

SIGNATURE

NAME & DATE

Manchester Technology — Client Representative

SIGNATURE

NAME & DATE