

Project Name	Quantum IT Innovation								
URL	<a href="https://quantumitinnovation.com/">https://quantumitinnovation.com/</a>								
Created By	Vikash Kumar Bharti								
Created Date	28/05/2025								
Devices	Window 11		Test Cases						
Reviewed By	MySelf								
Test Case ID	Test Type	Modual	Description	Pre - Request	Test Step	Test Data	Exepected Result	Actual Result	Status
TS_001	Functional	Home Page	Verify that the home page loads correctly without errors.	Open browser and enter website URL	Navigate to <a href="https://quantumitinnovation.com/">https://quantumitinnovation.com/</a>	N/A	Home page should load fully without console errors or crashes.	Home page loads successfully without any visible errors or crashes.	Pass
TS_002	UI	Home Page	Verify that the website logo and navigation bar are displayed properly.	Home page loaded	1.Check for logo and navbar presence and alignment	N/A	Logo and navigation bar should be visible and properly aligned.	Logo and navigation bar are visible and properly aligned.	Pass
TS_003	Functional	Home Page	Verify that all navigation links in the header are functional.	Home page loaded	1. Click each navigation link in the header	N/A	Each link should redirect/scroll to the correct section or open correct page.	All navigation links are functional and redirect to the correct sections/pages.	Pass
TS_004	Functional	Home Page	Verify that the "Let's Begin" button is visible and functional.	Home page loaded	1. Locate and click on "Let's Begin" button	N/A	Button should be visible and scroll or redirect to a specific section.	"Let's Begin" button is visible and scrolls to the appropriate section.	Pass
TS_005	UI	Home Page	Verify that the main heading text is displayed clearly and is readable.	Home page loaded	1. Observe the main heading text and tagline	N/A	Tagline/heading should be clearly visible with good contrast and font size.	Main heading text is clearly displayed and readable.	Pass
TS_006	Responsive	Home Page	Verify homepage layout responsiveness across screen sizes.	Devices/browser responsive tools ready	1. Open home page on desktop, tablet, and mobile views	N/A	Layout should adapt correctly on all screen sizes.	Layout is responsive and adapts correctly across different screen sizes.	Pass
TS_007	Functional	Home Page	Verify that all images load correctly and are not broken.	Home page loaded	1. Inspect all images for correct rendering	N/A	No image should be broken or show placeholder icon.	All images load correctly without any broken links or placeholders.	Pass
TS_008	UX	Home Page	Verify smooth scrolling behavior and content sequence.	Home page loaded	1. Scroll from top to bottom of page	N/A	Scrolling should be smooth and content should appear in proper order.	Scrolling behavior is smooth, and content appears in the correct sequence.	Pass

TS_009	UI	Home Page	Verify that global office info and icons are displayed properly.	Home page loaded	1. Scroll to section with office info and icons	N/A	Content should be visible, aligned, and icons should render properly.	Global office information and related icons are displayed properly.	Pass
TS_010	Functional/UI	Home Page	Verify footer content, links, and social media icons are functional.	Home page loaded	1. Click each footer link and social media icon	N/A	Links should redirect to correct pages; icons should open social media links.	Footer content, including links and social media icons, are working correctly.	Pass
TS_011	UI	About Us	Verify that the "About Us" section heading is displayed correctly.	Navigate to the homepage.	1.Scroll to the About Us section. 2. Observe the section heading.	N/A	The "About Us" heading should be prominently displayed.	The "About Us" heading is prominently displayed.	Pass
TS_012	UI	About Us	Verify the subheading describing the company's mission appears correctly.	Navigate to the "About Us" section.	1.Locate the mission subheading. 2. Read the content for clarity.	N/A	The mission subheading should be visible and accurately describe the company's mission.	The mission subheading is visible and accurately describes the company's mission.	Pass
TS_013	Functional	About Us	Verify that all service domains (Web Dev, App Dev, AI, Marketing) are listed.	Navigate to the "About Us" section.	1. Identify the list of service domains. 2. Confirm the presence of each domain.	N/A	All key service domains should be listed.	All key service domains are listed.	Pass
TS_014	UI	About Us	Verify that the team image and associated description are displayed.	Navigate to the "About Us" section.	1. Locate the team image. 2. Read the accompanying description.	N/A	Team image and description should be visible and properly aligned.	Team image and description are visible and properly aligned.	Pass
TS_015	Functional	About Us	Verify the presence and accuracy of business statistics (Projects, Clients, Years of Experience, Team Advisors).	Navigate to the "About Us" section.	1. Locate the business statistics section. 2. Verify the accuracy of each statistic.	N/A	All business statistics should be present and accurate.	All business statistics are present and accurate.	Pass
TS_016	Functional	About Us	Verify that the daily active user count is displayed properly.	Navigate to the "About Us" section.	1. Locate the daily active user count. 2. Confirm the number is displayed and updated.	N/A	Daily active user count should be visible and accurate.	Daily active user count is visible and accurate.	Pass
TS_017	Responsive	About Us	Verify the responsive behavior of the About section on different screen sizes.	Access the website on various devices (desktop, tablet, mobile).	1. View the About Us section on desktop, tablet, and mobile. 2. Check for layout consistency.	N/A	The "About Us" section should display correctly across all devices.	The "About Us" section displays correctly across all devices.	Pass
TS_018	UI	About Us	Verify that text content in the About section is readable and not truncated.	Navigate to the "About Us" section.	1. Read through all text content. 2. Check for any truncation or overflow issues.	N/A	All text content should be fully visible and readable.	All text content is fully visible and readable.	Pass

TS_019	Functional	About Us	Verify that all images in the About section are loaded and rendered correctly.	Navigate to the "About Us" section.	Identify all images. 2. Confirm each image loads without errors.	N/A	All images should load correctly without errors.	All images load correctly without errors.	Pass
TS_020	Functional	About Us	Verify that no broken links or buttons are present in the About section.	Navigate to the "About Us" section.	1. Click on all links and buttons. 2. Ensure each navigates to the correct page.	N/A	All links and buttons should function correctly.	All links and buttons function correctly.	Pass
TS_021	Functional	Service Section	Verify that the "Mobile App Development" category is displayed with all relevant services.	Navigate to Service section.	1. Locate "Mobile App Development" header. 2. Count all services listed under this category.	N/A	All expected mobile app services should be listed.	Services are listed correctly.	Pass
TS_022	Functional	Service Section	Verify that the "Web App Development" category is displayed with all relevant services.	Open the Services section.	1. Scroll to "Web App Development". 2. Validate the displayed items.	N/A	All relevant web services should be visible.	Items are visible and correct.	Pass
TS_023	Functional	Service Section	Verify that the "Digital Marketing" category is displayed with all relevant services.	Access the Services section.	1. Identify the "Digital Marketing" category. 2. Check the sub-services listed.	N/A	Sub-services under Digital Marketing should be correctly shown.	Displayed correctly.	Pass
TS_024	Functional	Service Section	Verify that the "Emerging Technology" category is displayed with all relevant services.	Navigate to the section.	1. Find the "Emerging Technology" category. 2. Read listed services.	N/A	All services should be complete and related to emerging tech.	Correct data shown.	Pass
TS_025	UI	Service Section	Verify that each service item has the correct icon displayed beside it.	Open Services section.	1. Identify icons beside services. 2. Match icons to service context.	N/A	Each service should have a meaningful, correct icon.	Icons are relevant and correctly shown.	Pass
TS_026	UI	Service Section	Verify that the text for each service item is readable and properly aligned.	Go to the Services section.	1. Check font size and clarity. 2. Check vertical and horizontal alignment.	N/A	Text should be readable and well-aligned.	No visual issues found.	Pass
TS_027	Functional	Service Section	Verify that all service items are non-clickable or clickable based on design.	Open Services section.	1. Hover over each service. 2. Try clicking and observe behavior.	N/A	Clickable items should redirect; non-clickable should not.	Behavior is consistent with design.	Pass
TS_028	Responsive	Service Section	Verify responsiveness on desktop, tablet, and mobile views.	Use responsive design mode.	1. Open site on different screen sizes. 2. Check service layout and visibility.	N/A	Layout should adapt cleanly across devices.	Layout adapts correctly.	Pass

TS_029	Functional	Service Section	Verify no service item contains a broken or incorrect link.	Load service section.	1. Click on all service links. 2. Verify destination page is correct.	N/A	No broken or wrong links should exist.	All links are valid.	Pass
TS_030	Performance	Service Section	Verify the service section loads completely on page load.	Access home page.	1. Observe section load during page scroll. 2. Note any lags or missing items.	N/A	Section should load fast and fully.	Section loads immediately.	Pass
TS_031	UI	Service Section	Verify that hover effects (if any) work properly on service cards.	Access the service cards.	1. Hover over service items. 2. Observe style changes or effects.	N/A	Hover effects should be smooth and consistent.	Hover effects function correctly.	Pass
TS_032	UI	Service Section	Verify service titles use a consistent font and size.	Open Services section.	1. Read descriptions carefully. 2. Note any typos or grammar errors.	N/A	All titles should be consistent.	Titles are uniform in style.	Pass
TS_033	Content	Service Section	Verify spelling and grammar in service descriptions.	Go to Services section.		N/A	No spelling or grammatical errors should exist.	Content is clean and correct.	Pass
TS_034	Accessibility	Service Section	Verify accessibility features like alt text on icons.	Use screen reader/Dev Tools.	1. Inspect service icons. 2. Check for alt tags or aria labels.	N/A	Icons/images should be accessible.	Alt tags are applied.	Pass
TS_035	UI	Service Section	Verify consistent spacing between service cards.	Go to Services section.	1. Check vertical and horizontal spacing. 2. Compare across cards.	N/A	Equal spacing should be maintained.	Spacing is consistent.	Pass
TS_036	SEO	Service Section	Verify service items have appropriate meta tags.	Open browser DevTools.	1. Inspect service sections. 2. Check for relevant SEO tags.	N/A	SEO tags should exist and be relevant.	Tags are present.	Pass
TS_037	Functional	Service Section	Verify internal navigation to services from other pages works.	Open header/nav menu.	1. Click on "Services" from any page. 2. Ensure correct scroll/redirect.	N/A	Navigation should scroll or load correctly.	Scrolls to service section.	Pass
TS_038	Performance	Service Section	Test image load time for service icons.	Open site with throttled network.	1. Load service section. 2. Monitor image loading speed.	N/A	All images should load within 2s.	Icons load under 2s.	Pass

TS_039	Functional	Service Section	Verify service section does not overlap footer on small screens.	Resize browser to mobile.	1. Scroll to bottom. 2. Check spacing between section and footer.	N/A	No layout overlap should happen.	No overlapping observed.	Pass
TS_040	Functional	Service Section	Verify that clicking "Learn More" (if available) leads to relevant content.	Access Service section.	1. Identify any "Learn More" links. 2. Click and confirm redirection.	N/A	Should redirect to relevant detailed info page.	Redirects correctly.	Pass
TS_041	Functional	Portfolio Section	Verify that the portfolio title and description are displayed correctly.	Navigate to Portfolio section.	1. Scroll to Portfolio section. 2. Verify title and description content.	N/A	Title and description should be visible and correct.	As expected.	Pass
TS_042	Functional	Portfolio Section	Verify that the filter buttons (All Work, Website, Mobile App, Web App, Digital Marketing) are present and functional.	Open Portfolio section.	1. Identify all filter buttons. 2. Click each and observe.	N/A	All filters should display correctly and respond to click.	All filters working.	Pass
TS_043	Functional	Portfolio Section	Verify that selecting each filter displays the correct set of projects.	Filters available.	1. Click a filter. 2. Validate displayed projects match the filter.	Mobile App, Web App	Only relevant projects should appear per filter.	Projects match filter.	Pass
TS_044	UI	Portfolio Section	Verify that each portfolio item includes a title, image, and category.	Access Portfolio section.	1. Hover over items. 2. Check for title, image, category.	N/A	Each item should have all 3 components.	Display is complete.	Pass
TS_045	UI	Portfolio Section	Verify that the "View Project" button appears on hover over each project item.	Navigate to Portfolio.	1. Hover on a project. 2. Observe for "View Project" button.	N/A	Button should appear on hover.	Button appears correctly.	Pass
TS_046	Functional	Portfolio Section	Verify that clicking "View Project" navigates to the correct project details or relevant page.	Button visible.	1. Click on "View Project". 2. Verify redirected page content.	N/A	Correct project detail page should open.	Navigation works.	Pass
TS_047	Functional	Portfolio Section	Verify the pagination is visible and navigates correctly through all available portfolio pages.	Multiple portfolio pages exist.	1. Locate pagination. 2. Click next/prev and verify data.	N/A	Pagination should function and display data properly.	Working as expected.	Pass
TS_048	Compatibility	Portfolio Section	Verify that the layout and styling are consistent across different browsers and screen sizes.	Open on Chrome, Firefox, Edge, mobile view.	1. Check layout in each browser. 2. Verify responsiveness.	N/A	Consistent layout across all platforms.	Layout consistent.	Pass

TS_049	Performance	Portfolio Section	Verify that portfolio items are loaded dynamically without performance issues.	Open Portfolio page.	1. Monitor load speed. 2. Scroll for dynamic loading.	N/A	Items should load smoothly and quickly.	Loading is fast.	Pass
TS_050	Functional	Portfolio Section	Verify that broken images or missing data are handled gracefully.	Simulate broken image or empty field.	1. Observe placeholder or fallback text. 2. Inspect UI stability.	N/A	Should display fallback or message without breaking layout.	Gracefully handled.	Pass
TS_051	Functional	Case Study Section	Verify that the case study title and subtitle are displayed correctly.	Navigate to Case Study section.	1. Scroll to section. 2. Read and validate content.	N/A	Title and subtitle should be present and accurate.	As expected.	Pass
TS_052	Functional	Case Study Section	Verify that filter buttons (Mobile App, Web App, Digital Marketing, AI) are present.	Section is visible.	1. Locate filter buttons. 2. Check visibility.	N/A	All expected filters should be present.	All filters visible.	Pass
TS_053	Functional	Case Study Section	Verify that clicking each filter displays only the related case studies.	Filters are present.	1. Click each filter. 2. Validate case study categories.	N/A	Only filtered case studies should display.	Display correct.	Pass
TS_054	UI	Case Study Section	Verify that each case study displays an image, title, and category label.	Case Study section visible.	1. Observe each card. 2. Verify components.	N/A	Each card should be complete.	Properly displayed.	Pass
TS_055	UI	Case Study Section	Verify that the "View More Information" button is visible on each card.	Hover or observe card.	1. Locate button. 2. Check visibility.	N/A	Button should be clearly visible.	Visible on all cards.	Pass
TS_056	Functional	Case Study Section	Verify that clicking the "View More Information" opens the correct case study.	Buttons available.	1. Click a card's button. 2. Observe destination.	N/A	Navigation should match card details.	Works correctly.	Pass
TS_057	Compatibility	Case Study Section	Verify layout and responsiveness across screen sizes.	Open on desktop, tablet, mobile.	1. Check card layout. 2. Validate responsive design.	N/A	Layout should adapt fluidly.	Layout adapts well.	Pass
TS_058	Functional	Case Study Section	Verify no duplicate or unrelated case studies are shown after applying filters.	Apply a category filter.	1. Review shown cards. 2. Match category tags.	N/A	Only relevant case studies should show.	Relevant results only.	Pass

TS_059	Performance	Case Study Section	Verify loading of images and error handling for failures.	Simulate slow/broken image.	1. Observe placeholders. 2. Check console for errors.	N/A	Graceful fallback should occur.	Placeholder shown.	Pass
TS_060	Accessibility	Case Study Section	Verify accessibility features like keyboard navigation and screen reader support.	Use keyboard + screen reader.	1. Navigate through cards. 2. Read elements via screen reader.	N/A	Section should be accessible.	Supports navigation and reading.	Pass
TS_061	Functional	Insights Section	Verify the header and subtitle of the section display correctly.	Open Insights section.	1. Scroll to section and verify text.	N/A	Header and subtitle should be visible and correct.	As expected.	Pass
TS_062	Functional	Insights Section	Verify that all article categories are listed in the left sidebar.	Navigate to Insights.	1. Observe sidebar category list.	UI/UX, SEO, etc.	All categories should be visible.	Displayed correctly.	Pass
TS_063	Functional	Insights Section	Verify clicking a category filters the articles shown accordingly.	Sidebar available.	1. Click category and verify filtered articles.	Web Development	Only articles in selected category shown.	Works as expected.	Pass
TS_064	UI	Insights Section	Verify each article card displays title, image, category, and preview snippet.	Load articles.	1. Review each card's layout.	N/A	All fields should be visible per card.	Properly shown.	Pass
TS_065	Functional	Insights Section	Verify clicking on an article opens the detailed page.	Articles listed.	1. Click any article.	Any article	Redirects to full article detail page.	Works correctly.	Pass
TS_066	Functional	Insights Section	Verify the pagination functionality.	Multiple articles exist.	1. Click Next/Previous buttons.	Page 1, 2...	Pages should update correctly.	Navigates correctly.	Pass
TS_067	Functional	Insights Section	Verify the "All" category displays all articles.	Insights section visible.	1. Click on "All" filter.	N/A	All categories' articles shown.	All articles appear.	Pass
TS_068	UI	Insights Section	Verify article images load correctly and fallback is shown on failure.	Simulate failed image.	1. Observe placeholder or fallback.	N/A	Graceful image fallback is shown.	Placeholder displayed.	Pass

TS_069	Functional	Insights Section	Verify article sorting works correctly.	Sorting options visible.	1. Click sort by date/popularity.	N/A	Articles reorder correctly.	Sorted properly.	Pass
TS_070	Compatibility	Insights Section	Verify mobile responsiveness and layout.	Open on various screens.	1. Check layout at different resolutions.	N/A	Layout should adapt properly.	Responsive layout shown.	Pass
TS_071	Accessibility	Insights Section	Verify keyboard navigation and screen reader support.	Enable accessibility tools.	1. Navigate with Tab + SR	N/A	Accessible elements are readable & navigable.	Compliant.	Pass
TS_072	Functional	Contact Form	Verify form fields display properly.	Navigate to contact section.	1. Observe all input fields.	N/A	All fields visible: name, email, etc.	As expected.	Pass
TS_073	Functional	Contact Form	Verify validation for required fields.	Leave fields blank.	1. Submit form.	N/A	Error messages shown for empty fields.	Validation triggered.	Pass
TS_074	Functional	Contact Form	Verify invalid email shows error.	Enter bad email.	1. Submit form.	abc@	Email error should appear.	Error shown.	Pass
TS_075	Functional	Contact Form	Verify non-numeric phone is disallowed.	Enter text in phone field.	1. Submit form.	abcdef	Phone field should reject input.	Rejected as expected.	Pass
TS_076	Functional	Contact Form	Verify Enquiry dropdown options.	Click dropdown.	1. Observe all options.	Mobile App Dev	All options should be selectable.	Working properly.	Pass
TS_077	Functional	Contact Form	Verify Send Message submits form with valid data.	Fill all fields correctly.	1. Click Send Message.	Valid data	Form should be submitted.	Submitted successfully.	Pass
TS_078	Functional	Contact Form	Verify error for empty required fields on submit.	Leave required fields empty.	1. Submit form.	N/A	Errors displayed for empty fields.	Errors shown.	Pass



TS_079	Functional	Contact Tabs	Verify tab switching changes context.	Tabs available.	1. Click on each tab.	New Project, General Enquiry	Relevant form shows per tab.	Switches correctly.	Pass
TS_080	Functional	Contact Info	Verify email and phone are clickable.	View contact info.	1. Click phone/email.	N/A	tel: and mailto: should trigger.	Clickable as expected.	Pass
TS_081	Functional	Global Offices	Verify location cards show correct info.	Scroll to Global Offices.	1. View all cards.	India, USA, etc.	Address & contact should be correct.	Data accurate.	Pass
TS_082	Compatibility	Contact Section	Verify mobile responsiveness of form and offices.	View on mobile.	1. Observe layout & alignment.	N/A	Responsive layout for mobile.	Looks good.	Pass
TS_083	UI	Contact Section	Verify all labels and placeholders.	View form.	1. Review all field labels and placeholders.	N/A	Texts should be meaningful and clear.	User-friendly.	Pass
TS_084	Accessibility	Contact Section	Verify accessibility for keyboard & screen reader.	Use accessibility tools.	1. Tab through form.	N/A	All fields accessible via keyboard + SR.	Meets accessibility.	Pass