

# Project 1 Test Cases

Test	Description	Steps	Expected Results	Actual Results	Pass/Fail	Comments
TC01	Test responsiveness of all pages in all sizes on chrome	1. Open website in browser: 2. Open developer tools: Menu -> more tools -> developer tools 3. Test landing page at each breakpoint 4. Repeat step 3 for the resources page and the exam structure page.	Website is responsive. No elements are overlapping.  The overlay on the landing page changes size and position to remain entirely visible.  The elements on the resources page arrange into columns on small screens but are entirely visible.  At small screen sizes the nav bar elements become vertically aligned	Website is responsive. No elements are overlapping.  The overlay on the landing page changes size and position to remain entirely visible.  The elements on the resources page arrange into columns on small screens but are entirely visible.  At small screen sizes the nav bar elements become vertically aligned	PASS	
TC02	Test responsiveness of all pages in all sizes on firefox	1. Open website in browser: 2. Open developer tools: hamburger icon -> more tools -> developer tools 3. Click on responsive design mode icon at far lower right corner 3. Test landing page at each device in both portrait and landscape mode. 4. Repeat step 3 for the resources page and the exam structure page.	Website is responsive. No elements are overlapping.  The overlay on the landing page changes size and position to remain entirely visible.  The elements on the resources page arrange into columns on small screens but are entirely visible.  At small screen sizes the nav bar elements become vertically aligned	Website is responsive. No elements are overlapping.  The overlay on the landing page changes size and position to remain entirely visible.  The elements on the resources page arrange into columns on small screens but are entirely visible.  At small screen sizes the nav bar elements become vertically aligned	PASS	
TC03	Test responsiveness of all pages in all sizes on opera	1. Open website in browser 2. Resize the browser horizontally by clicking and dragging. 3. Repeat for the landing page, the exam structure page, and the resources page.	Website is responsive. No elements are overlapping.  The overlay on the landing page changes size and position to remain entirely visible.  The elements on the resources page arrange into columns on small screens but are entirely visible.	Website is responsive. No elements are overlapping.  The overlay on the landing page changes size and position to remain entirely visible.  The elements on the resources page arrange into columns on small screens but are entirely visible.  At small screen sizes the nav bar elements become vertically aligned	PASS	Opera does not have web developer tools installed by default. A good old fashioned resize works well here.

			At small screen sizes the nav bar elements become vertically aligned			
TC04	Test responsiveness of all pages in all sizes on safari on a small macbook	1. Open website in safari 2. Resize the browser horizontally by clicking and dragging. 3. Repeat for the landing page, the exam structure page, and the resources page.	Website is responsive. No elements are overlapping.  The overlay on the landing page changes size and position to remain entirely visible.  The elements on the resources page arrange into columns on small screens but are entirely visible.  At small screen sizes the nav bar elements become vertically aligned	Website is responsive. No elements are overlapping.  The overlay on the landing page changes size and position to remain entirely visible.  The elements on the resources page arrange into columns on small screens but are entirely visible.  At small screen sizes the nav bar elements become vertically aligned	PASS	
TC05	Test responsiveness of all pages in all sizes on Android phone (Motorola G6 plus)	1. Open website in chrome 2. Click on share icon in address area 3. select create QR code 4. Scan QR code with camera app on phone 5. Open website	All content is visible No content is off screen Text is readable Everything should be displayed as a column nav bar is displayed as a column	All content is visible No content is off screen Text is readable Everything should be displayed as a column nav bar is displayed as a column	PASS	The text is thin but still very clear and easy to read. The hover effect on the resource page cards is active if the user taps on them.
TC06	Verify nav bar is identical across the site	1. Open the website 2. Navigate to each of the pages in the nav bar	The elements in the nav bar should be in the same place. There should be no shift in size.	Elements in same place No shift in size	PASS	
TC07	Verify highlight behavior of nav elements	1. Open website 2. hover mouse over nav menu elements	A line under each element should be visible when hovered over Exception should be the active page	A line under each element is visible when hovered over Exception is active page	PASS	
TC08	Verify active indication of nav elements	1. Open website 2. click on nav menu elements	A line should be under the active page.  On the landing page, Home should be underlined. On the Resources Page, Resources should be underlined On the Structure page, Structure page is highlighter	On the landing page, Home is underlined. On the Resources Page, Resources is underlined On the Structure page, Structure is highlighter	PASS	

TC09	Verify links on nav page	<p>1 Open website 2. click on each of the nav elements Repeat for each page</p> <p>Example: on the landing page, click on Home, Resources, and Structure</p> <p>On the Resources page, click on Home, Resources, and Structure</p>	<p>On the active page, nothing should happen.</p> <p>The other links should take the user to the correct pages</p> <p>Home -&gt; Home Resources -&gt; Resources Structure -&gt; Structure</p>	<p>On the active page, nothing happens.</p> <p>The other links function as expected.</p> <p>Home -&gt; Home Resources -&gt; Resources Structure -&gt; Structure</p>	PASS	
TC10	Validate links on resources page open in tab	<p>1 Open website 2. Navigate to Resources page by clicking on the action button or by clicking on the Resources link in the nav bar 3. Click on the blue Go button for each resource on the page</p>	<p>After clicking on the button, a new page should open in the browser.</p>	<p>After clicking on the button, a new page opened in browser.</p>	PASS	
TC11	Validate resource/card correspondence	<p>1 Open website 2. Navigate to Resources page by clicking on the action button or by clicking on the Resources link in the nav bar 3. Click on the blue Go button for each resource on the page</p>	<p>Verify that the type and title of the card correspond to the card which had the link</p> <p>Title on the card should match the title on the new page</p> <p>Type of resource on the card should match the type of resource on the new page. ie Article should lead to article, video should lead to a video</p>	<p>Title and type correspond to the card with the corresponding link.</p>	PASS	Some of the titles on the sites were too long to fit into a card. So an exact match is not needed for a pass. As long as it is clear to a reasonable person that the title on the card is the same as the title on the open window, it is considered a PASS.
TC12	Verify color scheme of structure page	<p>1 Open website 2. Navigate to Resources page by clicking on the action button or by clicking on the Resources link in the nav bar 3. Check all cards of the same type of resource are identical in color, type, and background image.</p>	<p>All article cards have a type of "Article", have the same color, and the same background image.</p> <p>All video cards have a type of "Video", have the same color, and the same background image.</p> <p>All summary cards have a type of "Summary", have the same color, and the same background image.</p> <p>All tutorial cards have a type of "Tutorial", have the same color, and the same background image.</p> <p>No cards of different</p>	<p>All article cards have a type of "Article", have the same color, and the same background image.</p> <p>All video cards have a type of "Video", have the same color, and the same background image.</p> <p>All summary cards have a type of "Summary", have the same color, and the same background image.</p> <p>All tutorial cards have a type of "Tutorial", have the same color, and the same background image.</p> <p>No cards of different types have the same color or background image.</p>	PASS	

			types have the same color or background image.			
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