

Test Case ID	Related User Story	Test Description	Steps to Reproduce	Expected Result	Status
TC_1.1.1	US1.1	Check that all textbook pages are fully displayed	<ul style="list-style-type: none"> <li>- Open each chapter/page on desktop &amp; mobile.</li> <li>- Interact with any buttons available.</li> </ul>	<ul style="list-style-type: none"> <li>- Navigation does not lead to a page-not-found error.</li> <li>- No messages like "Safari could not open page" should occur</li> </ul>	Pass
TC_1.2.1	US1.2	Verify alignment of content on mobile devices	<ul style="list-style-type: none"> <li>- Access textbook on various screen sizes (e.g. various iPhone series and brands for Android)</li> <li>- Navigate through every content page and check for each component</li> </ul>	<ul style="list-style-type: none"> <li>- Text, images, and buttons are properly aligned without cutoff</li> <li>- Content was displayed within screen</li> </ul>	Pass
TC_1.3.1	US1.3	Test video load speed	<ul style="list-style-type: none"> <li>- Click on a video from previous groups' implementation under WiFi condition</li> <li>- Click on a video from new implementation under same WiFi condition</li> </ul>	<ul style="list-style-type: none"> <li>- Record and compare loading time for both versions</li> <li>- Loading time for new implementation is lower than previous groups'</li> </ul>	Pass
TC_1.4.1	US1.4	Validate that all images are correctly displayed	<ul style="list-style-type: none"> <li>- Go through all textbook pages by clicking onto each section/chapter from home page</li> <li>- Record any out-of-bond media, or disappearing images</li> </ul>	<ul style="list-style-type: none"> <li>- All images appear without broken links or placeholders</li> </ul>	Pass
TC_2.1.1	US2.1	Check newly added textbook content	<ul style="list-style-type: none"> <li>- Open textbook and navigate to the bottom of Chapter's section</li> <li>- Click on Chapter 6~8</li> </ul>	<ul style="list-style-type: none"> <li>- All new chapters are present and formatted</li> </ul>	Fail
TC_2.2.1	US2.2	Test quiz functionality for new chapters	<ul style="list-style-type: none"> <li>- Navigate to quiz section for new content</li> <li>- Click on the quizzes to interact - All quizzes load successfully</li> </ul>	<ul style="list-style-type: none"> <li>- All quizzes are able to interact and users can view feedback</li> </ul>	Pass

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TC_4.1.1	US4.1	Test font size adjustment feature	<ul style="list-style-type: none"> <li>- Adjust font size through browsers built in feature</li> <li>- Navigate between pages and check</li> </ul>	<ul style="list-style-type: none"> <li>- Browsers font size changing feature should not mess up overall UI design</li> <li>- Text and media content should remain in-bound and organized</li> </ul>	Fail
TC_4.2.1	US4.2	Verify dark mode UI rendering	<ul style="list-style-type: none"> <li>- Click on the dark mode button on the top right corner of the application</li> <li>- Navigate between pages and check</li> </ul>	<ul style="list-style-type: none"> <li>- Background switches to dark, text remains readable</li> <li>- Dark mode should remain on unless button is clicked again</li> <li>- Dark mode should be applied to all pages</li> </ul>	Pass