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Sprint 2 Test Cases

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	- Open each chapter/page on desktop & mobile. - Interact with any buttons available.	- Navigation does not lead to a page-not-found error. - No messages like "Safari could not open page" should occur	Pass
TC_1.2.1	US1.2	Verify alignment of content on mobile devices	- Access textbook on various screen sizes (e.g. various iPhone series and brands for Android) - Navigate through every content page and check for each component	- Text, images, and buttons are properly aligned without cutoff - Content was displayed within screen	Pass
TC_1.3.1	US1.3	Test video load speed	- Click on a video from previous groups' implementation under WiFi condition - Click on a video from new implementation under same WiFi condition	- Record and compare loading time for both versions - Loading time for new implementation is lower than previous groups'	Pass
TC_1.4.1	US1.4	Validate that all images are correctly displayed	- Go through all textbook pages by clicking onto each section/chapter from home page - Record any out-of-bond media, or disappearing images	- All images appear without broken links or placeholders	Pass

Test Case ID	Related User Story	Test Description	Steps to Reproduce	Expected Result	Status
TC_4.1.1	US4.1	Test font size adjustment feature	- Adjust font size through browsers built in feature - Navigate between pages and check	- Browsers font size changing feature should not mess up overall UI design - Text and media content should remain in-bound and organized	Fail
TC_4.2.1	US4.2	Verify dark mode UI rendering	- Click on the dark mode button on the top right corner of the application - Navigate between pages and check	- Background switches to dark, text remains readable - Dark mode should remain on unless button is clicked again - Dark mode should be applied to all pages	Pass

Sprint 3 Test Cases

Test Case ID	Related User Story	Test Description	Steps to Reproduce	Expected Result	Status
TC_2.1.1	US2.1	Check newly added textbook content	- Open textbook and navigate to the bottom of Chapter's section - Click on Chapter 6~8	- All new chapters are present and formatted	Pass
TC_2.2.1	US2.2	Test quiz functionality for new chapters	- Navigate to quiz section for new content - Click on the quizzes to interact - All quizzes load successfully	- All quizzes are able to interact and users can view feedback	Pass
TC_3.2.1	US3.2	Check if page analytics for number of visitors are	- Open and log in to Vercel dashboard - Access Analytics	-Vercel dashboard is accessible and have analytics clearly	Pass

Test Case ID	Related User Story	Test Description	Steps to Reproduce	Expected Result	Status
		increasing and working properly	tab on the dashboard	displayed - "Page Views" should be showing growing numbers with a chart of overall trend	
TC_3.3.1	US3.3	Check if analytics for most-viewed page is working properly	- Open and log in to Vercel dashboard - Access Analytics tab on the dashboard - Scroll down to the section below the overall trend chart - View and analyze the pages-visitors table	-Vercel dashboard is accessible and have analytics clearly displayed - The table displayed each page's view count in a descending order	Pass
TC_3.4.1	US3.4	Check if video analytics are increasing and working properly	- Open the application and access any videos with random viewing length - Open and log in to Cloudinary dashboard - Access Video Analytics tab under Video section - Check charts and numerical analytics' behavior	-Cloudinary dashboard is accessible and has analytics clearly displayed - Charts and analytics on viewed videos should increase within 1-2 days	Pass
TC_4.3.1	US4.3	Verify the table-of-content feature	- Open the application - Click on any chapter (except preface) under the "chapter" section - Click on the grey button on the right hand side of the page - Click on any	-After accessing a chapter with multiple sections, a grey button should appear on the right hand side of the page - Clicking on the grey button should appear a box with each section listed - Clicking on a section	Pass

Test Case ID	Related User Story	Test Description	Steps to Reproduce	Expected Result	Status
			section listed in the box	should make users navigate to the designated page	