CHECKLIST (ISO 25010)

Presented to Sir Jessie Alamil

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1. Functional Suitability

Working Navigation Across All Webpages	5	4	3	2	1
All webpages across the system demonstrate working navigation, including access to the Lessons, Quiz, and Playground sections.					
Lessons					
The Lesson Menu and Lesson Menu List include complete modules such as Overview, Syntax, and Placement.					
Lesson content is comprehensive and easy to understand.					
A Copy Button is included in the Lessons code blocks, enabling users to conveniently copy code for future use.					
Quiz					
The Quiz features a fully functioning Mode Selector with options like Classic, Survival, and Endless.					
The Module Selector includes appropriate quiz modules such as Syntax and Placement.					
The Quiz Results Page accurately displays the number of correct items, the percentage score, and includes a functional "Start Again" button.					
Playground					
The Playground allows users to input and test HTML, CSS, and JavaScript code, with a functional and responsive Output panel.					

2. Compatibility

Responsiveness (Media Query)	5	4	3	2	1
The system ensures cross-device compatibility, maintaining consistent appearance and behavior across laptop, tablet, and mobile devices.					
Playground					
In the Playground feature, the code output renders consistently across multiple web browsers, confirming browser compatibility.					

3. Usability (Interaction Capability)

Navigation	5	4	3	2	1
The navigation structure allows easy access to the Lessons, Quiz, and Playground sections.					
Quiz					
The Quiz offers a clear Mode Selector and Module Selector, and automatically proceeds to the next question after a user selects an answer.					
The Quiz system provides immediate feedback by displaying green for correct answers and red for incorrect ones.					
Navigation buttons (Back and Forward) allow seamless movement between questions.					
The Results page displays the quiz outcome clearly, and the Start Again button enables users to retake the quiz easily.					
Lessons					
In the Lessons section, the menu and content are clearly structured for intuitive learning.					
Playground					
The Playground has a clear and logical separation between HTML, CSS, JavaScript code inputs, and the output window.					

4. Reliability

Quiz	5	4	3	2	1
The Quiz's auto-proceed feature reliably moves users to the next question upon answer selection.					
The Back and Forward buttons work without failure, ensuring question navigation is operable.					
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Playground					
The Playground output updates reliably when code changes are made by the user.					

5. Maintainability

Modularity	5	4	3	2	1
The use of CSS classes and modular code ensures that updates can be made efficiently without disrupting the overall system.					
Component-based structure					
The project follows a component-based structure, with the Lessons, Quiz, and Playground developed as separate, maintainable modules.					