

ABSTRACT

Managing large and complex project documents is a challenge for Company XYZ, which led to the development of a web-based solution called the Audit Trail Management System (ATMS). This study applies the Design Thinking method to design the User Interface (UI) and User Experience (UX), as this method is widely used and well-suited for team collaboration. The Design Thinking process consists of five stages: Empathize, Define, Ideate, Prototype, and Test. In the Prototype stage, a Low-Fidelity prototype was created using Figma, followed by the development of a High-Fidelity prototype in the form of a web-based coded application. To evaluate the feasibility of the designed interface, the System Usability Scale (SUS) was used to measure usability. The usability testing results shows the ATMS design achieved an average SUS score of 80. This score indicates that the interface has a good level of usability with a Grade B. These results demonstrate that the design and implementation of the ATMS UI/UX using the Design Thinking method successfully produced a design that meets user needs, provides a satisfying user experience, and ensures good usability.

Keywords: *UI/UX, SUS, Design Thinking, Website Interface*