

ABSTRACT

Advances in information technology have driven the need for companies to have an organized and easily accessible software license management system. PT Kereta Cepat Indonesia China (KCIC) requires a digital solution that can help with the recording, monitoring, and management of software licenses more effectively. This report discusses the design of the user interface (UI/UX) for a web-based software license monitoring system using the Design Thinking method. The stages involved include empathize, define, ideate, prototype, and test. The design resulted in three main features: a filter button for searching license data, an add button for adding new license data and importing from external files, and a license expiration reminder notification feature accessible from all system pages. Testing was conducted using the User Acceptance Testing (UAT) method with six respondents from the IT & Ticketing Facilities Division of PT KCIC. The testing results achieved a score of 91%, which falls into the “Very Good” category, indicating that the developed UI/UX design aligns with user needs and is suitable for implementation to support software license management operations within the company.

Keywords: UI/UX, software license monitoring, Design Thinking, User Acceptance Testing, PT KCIC.