Pengembangan Antarmuka untuk Assurance Case Modeling Tool dengan Metode Goal Directed Design

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Abstract
Assurance case is a series of structured arguments supported by a set of evidence regarding the security of a system that aims to communicate and prove to stakeholders that a system already has a clear definition and its security can be guaranteed. Currently, an assurance case tool support is being developed to model the assurance case called the Assurance Case Modeling Tool (ACMT). However, ACMT does not yet have a good interface that makes it difficult for users to use the tool. Therefore, there is a need to develop an ACMT interface design so that it can assist users in using the tool. The method used to develop the ACMT interface is by using the Goal Directed Design (GDD) method and the results of the interface design are implemented using React. The GDD method was chosen because it is an interface design method that focuses on the needs and goals of targeted users in designing interface designs. The latest ACMT interface design was carried out to improve the appearance of the interface by rearranging the typography selection, color selection, and positioning of each component and fixing the deficiencies found in the previous interface design. Based on the results of the implementation carried out, the GDD method which prioritizes the goals and needs of the user has succeeded in increasing the effectiveness of use and user satisfaction with the ACMT interface design.

Kata kunci : Assurance Case, Assurance Case Modeling Tool, interface, GDD