

Implementasi Metode *Knowledge Acquisition in Automated Specification* (KAOS) pada Sistem Informasi Pengelola Inventori di Bagian Teknik TVRI Stasiun Jawa Barat

Muhammad Difa Irawan Djajus¹, Sri Widowati², Jati H. Husen³

^{1,2,3}Fakultas Informatika, Universitas Telkom, Bandung

⁴Divisi Digital Service PT Telekomunikasi Indonesia

¹difairawan@students.telkomuniversity.ac.id, ²sriwidowati@telkomuniversity.ac.id,

³jatihusen@telkomuniversity.ac.id

Abstract

The application of Requirement Engineering in a design process of information system has become imperative because this phase is important and necessary. So, the information system produced good quality and functions according to expectations. There are several methods of Goal Oriented Requirement Engineering (GORE) that are used, one of them is a goal-oriented namely Knowledge Acquisition in Automated Specification (KAOS). In this paper KAOS will be used in a case of developing an Information System of Inventory Management, information system for managing inventory on TVRI that have problems with their management. KAOS will be used to make the requirement from the stakeholders, then the results will be discussed in order to get a goal to develop an information system. The advantage of using the KAOS method is that it is easy for stakeholders to understand the needs, with results obtained from 2 attributes "Characteristics of a Good Requirement" according to Peter Zielczynski, namely understandable at 83.8% and correct at 87.7% The results of this Requirement Engineering can be used in the development process to produce an information system that is good and according to employees in managing inventory.

Keywords: Goal Oriented Requirement Engineering (GORE), Knowledge Acquisition in Automated Specification (KAOS), Software Requirement Engineering