

ABSTRACT

Children with Special Needs (ABK) are a group that often receive little attention in social life, this irony is accompanied by a lack of fulfillment of their rights. In the absence of adequate data collection, accessibility to the rights they deserve cannot be fulfilled. The Griya Bina Karya ABK Foundation is a non-profit organization with the aim of educating and empowering children with special needs who are 17 years of age or older or have graduated from formal school so they can get the skills they need to get a job or become an entrepreneur. Seeing these problems, the Griya Bina Karya Foundation as a stakeholder needs an application system which can help in achieving the foundation's goals. However, in this case, stakeholders do not understand and understand in detail the desired system requirements, but only know the objectives or features. For this reason, researchers help design requirements using the Goal-Based Requirements Analysis Method (GBRAM) which is expected to help obtain precise and clear goals in building this system. The results of this research are the System Requirement Specification (SRS) document which contains 15 Functional Requirements and 5 Non-Functional Requirements with a validation score of 100 in both "Correct" and "Understandable" aspects of Good Requirements according to Peter Zielczynski. The results of defining requirements were implemented in the form of a web-based application which produced 1 main web and 1 web dashboard and were tested with a User Acceptance Test (UAT) with test results of 15 successful test cases and 1 failed test case.

Keywords: Requirement Engineering, Goal-Based Requirements Analysis Method, GBRAM, Information System, Children with Special Needs