ABSTRACT

DEVELOPMENT OF CHAIR MODULE IN WEB-BASED CONFERENCE MANAGEMENT SYSTEM

By

RAHADHITYA SAMUDRA ANURAGA

NIM : 1202164016

Conferences are an important platform for academics, researchers, and practitioners to share knowledge and the latest research results. Efficient conference management is crucial in ensuring the success of such events. In this context, a Conference Management System (CMS) has emerged as a solution that facilitates various aspects of conference management.

This research discusses the development of the Chair module in a web-based Conference Management System. The Chair module is one of the important components in the CMS that is responsible for the management of various activities carried out by the Chair of the Conference Committee (Chair). The purpose of this research is to improve the efficiency and functionality of the Chair module so that it can better manage various aspects of the conference. Because in the existing application there are shortcomings in digital integration between organizers and information management that has not been centralized in one conference.

The research methodology involved analyzing the needs of the Chair role, designing the interface, developing the system, and testing and evaluating it. The main features developed include conference registration management, reviewer assignment, presentation session schedule, internal communication, and reporting. The success of the module development was evaluated through functionality testing, interface responsiveness, and feedback from users involved in the simulation conference.

The results showed that the development of the Chair module has worked as expected in the planning stage. The interaction between the Chair and conference

participants, reviewers, and paper authors became more coordinated and integrated. The responsiveness of the web-based interface provides better accessibility, allowing the Chair to access information and make decisions in real-time.

Keywords: conference, chair, EzDesk, waterfall