

## ABSTRACT

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*Web-based application for selection lab assistant using Analytical Hierarchy Process is used to assist in Laboratory Informatic laboratory to carry out the selection and appointment of next generation of lab assistant. This application was made using SDLC waterfall workmanship until the implementation stage. This application is built with JSP programming language, MySQL, and AHP as method of calculation. This application is used by laboratory assistant and prospective assistants. The functionality in this application include information file upload hiring assistants, converter MySQL value in the form of Excel and vice versa, as well as a selection method of calculation AHP decision support. Laboratory as Admin has the right to manage access to recruitment information, managing user data applications, do the input values for the selection of candidates assistant, see the end result rankings assistant selection and appointment. Lab assistant have access rights to input values for selection of candidates for appointment, see the end result of selection appointment rankings. Candidate assistants have access rights see registration information, and complete the registration form selection assistants.*

*Keywords: Applications, AHP, JSP, Selection, Web*