

**Sistem Pendukung Keputusan Pemilihan Indekos Di Wilayah Bondowoso
Menggunakan Metode *Simple Additive Weighting* (Decision Support System for
Selection of Boarding Houses in the Bondowoso Region Using the Simple Additive
Weighting Method)**

Moh. Munih Dian Widianta, S.S., Kom, M.T (Dosen Pembimbing)

Dewi Agesti Nurifiani
Study Program Informatics Engineering
Majoring of Information Technology
Program Studi Teknik Informatika
Jurusan Teknologi Informatika

ABSTRACT

A dwelling can serve as a place for people to shelter, shelter, or both for humans. Every human being needs a place to live to rest, but not everyone can have the right place to live for it. Therefore, people need temporary housing for people who travel long distances, especially for students who are migrating to other areas to study outside their hometown. Simple additive weighting is a method that seeks the highest possible rating for each choice across all attributes. This study designed a decision support system for the selection of boarding houses in the Bondowoso area by implementing the Simple Additive Weighting method to make it easier for Jember State students to go to Campus 2 Bondowoso to find recommendations for the closest boarding house to the campus and the results of the method are in accordance with what students want by using the php programming language and the most complete blackbox testing results starting from registration, login, process data processing and match results as needed. This application is still web-based, hopefully for further research it can be developed into android

Key Word: *Decision Support System, Simple additive weighting, indekos*