

**M ESTU RAMADHAN, 19.230.0007**

**PEMILIHAN KARYAWAN TERBAIK MENGGUNAKAN METODE  
SIMPLE ADDITIVE WEIGHTING PADA AGRARIA DAN TATA RUANG  
BADAN PERTANAHAN NASIONAL KOTA PEKALONGAN,** dibawah  
bimbingan Agus Ilyas, S.Kom., M.Kom. dan Risqiati, S.Kom., M.Kom.

98 + xv halaman / 62 gambar / 19 tabel / 6 lampiran / 11 pustaka (2018-2022)

### **ABSTRAK**

*Permasalahan yang terjadi pada penentuan pemilihan karyawan terbaik di BPN Kota Pekalongan adalah penilaian yang masih tidak sesuai dengan aturan yang tertera pada BPN belum maksimal, dan penilaian yang dihasilkan tidak menyeluruh pada kriteria yang ada. Sehingga dibangun sistem yang membantu pemilihan karyawan terbaik menggunakan metode Simple Additive Weighting. Sistem dibangun menggunakan metode Waterfall melalui tahapan Communication, Planning, Modeling, Construction, Deployment. Sistem dirancang menggunakan Unified Modeling Language (UML) dan Lembar Kerja Tampilan (LKT), serta diuji dengan metode White Box, Black Box, dan User Acceptance Test (UAT). Sistem yang dibangun dapat membantu Kepala SDM dalam pemilihan karyawan terbaik di BPN secara Objektif. Namun sistem perlu dikembangkan agar dapat menginputkan subkriteria dalam proses penilaian, sehingga proses penilaian lebih detail dalam prosesnya.*

**Kata Kunci : Pemilihan, Simple Additive Weighting, Badan Pertanahan Nasional**

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**SELECTION OF THE BEST EMPLOYEES USING THE *SIMPLE ADDITIVE WEIGHTING* METHOD IN AGRARIA AND SPATIAL PLANNING NATIONAL LAND AGENCY, PEKALONGAN CITY**, under the guidance of Agus Ilyas, S.Kom., M.Kom. and Risqiati, S.Kom., M.Kom.  
98 + xv pages / 62 images / 19 tables / 6 attachments / 11 libraries (2018-2022)

### **ABSTRACT**

*The problem that occurs in determining the selection of the best employee at the National Land Agency for Pekalongan City is that the assessment is still not in accordance with the rules stated on the National Land Agency, which is not optimal, and the resulting assessment is not comprehensive according to the existing criteria. So a system was built that helps select the best employees using the Simple Additive Weighting method. The system was built using the Waterfall method through the stages of Communication, Planning, Modeling, Construction, Deployment. The system was designed using the Unified Modeling Language (UML) and Display Worksheet (LKT), and was tested using the White Box, Black Box, and User Acceptance Test (UAT) methods. The system built can assist the HR Head in objectively selecting the best employees at the National Land Agency. However, the system needs to be developed so that it can input sub-criteria in the assessment process, so that the assessment process is more detailed in the process.*

**Keywords: Selection, *Simple Additive Weighting*, National Land Agency**