DECISION SUPPORT SYSTEM FOR ADMISSION OF PRACTICAL ASSISTANT SELECTION USING PROFILE MATCHING METHOD

(Case study: Undergraduate Information Systems Study Program,University of Technology Yogyakarta)

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ABSTRACT

The selection process for qualified practical course assistants at University of Technology Yogyakarta is carried out by selecting those who can meet all aspects of competence according to the course needs. Selection is the process of deciding who is worthy of being a practical course assistant. This decision is expected to be more objective so that the quality obtained is in accordance with expectations and no party is harmed. The previous selection only determined what aspects were assessed in the selection, but did not have a clear assessment mechanism. This made the decision and selection results subjective. The problem is, the selection results are often different from what is expected. The previous selection used manual data processing. This will greatly reduce efficiency in the future when there are many prospective practical course assistants. This study proposes a Decision Support System that uses the Profile Matching Method to overcome the above problems. This method will allow the system to select practical course assistants based on the assessments that have been made, so that decision making can be done objectively. In addition, this system can also process applicant data quickly, thereby increasing the speed of the selection process. The author made the decision to use the Profile Matching DSS method, also known as Competency GAP Analysis, because this method is very suitable for use in human resource management where the competencies (abilities) required for a particular position and the abilities that must be possessed by the candidate whose performance will be assessed are first determined.

Keywords*: Web, Laravel, Decision Support System, Profile Matching, Practicum Course Assistant, Universitas Teknologi Yogyakarta*