

## ABSTRACT

### **DEVELOPMENT OF PROFILE MATCHING MODULE IN WEB-BASED ASSESSMENT TOOLS PLATFORM**

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*In order to help the company's success and efficiency in achieving its objectives, human resources are a very critical factor. If the company's human resources can be efficiently handled, the business can have a better chance of properly operating its business processes. However, in fact, in putting its workers in such positions, there are still many errors made by the company. In order to solve these challenges, this research was conducted to help businesses adapt the abilities of workers to the needs of their businesses by creating a profile matching feature on the framework of web-based evaluation tools. In the context of a web-based platform, this study will concentrate on the technology climate, where many businesses will enter into this platform. The science that supports the development of this profile matching module is the definition of competence that is used to assess the skills or abilities that an individual must have in doing a certain job, the idea of an ability model that is useful for understanding each company's ideal skill model, and the concept of profile matching to compare between individual competencies against the competencies required by the organization. Furthermore, the idea of software development is often used to evaluate the necessary methods of development to be used in the potential development of this platform. When the development stage is complete, all of the information used will support the development of the profile matching module. A test will be conducted using the browser testing laravel dusk after the development stage is complete to ensure that the functionality of the app will work properly through live platform testing starting from opening the main page to filling out the browser's forms.*

**Keywords: platform, web, competence, profile matching, software development, laravel dusk.**