

ABSTRACT

The development of online learning in Indonesia shows significant potential in supporting skill enhancement, yet it still faces challenges in ensuring effective comprehension of learning materials. To address this issue, a distance learning feature was developed within the Bursa Talenta application, providing users with educational materials and quizzes to enhance their understanding. This feature allows users to access content independently and continuously. The development process followed the waterfall method, utilizing Figma for interface design, Laravel as the development framework, and Visual Studio Code as the code editor. Testing was conducted using the Black Box Testing method. The results show that the feature functions as intended, allowing users to open materials, continue learning, and complete quizzes with automatic scoring. Based on the testing, this feature is considered useful and easy to use by students, university learners, and recent graduates.

Keywords: online learning, Bursa Talenta, educational content, quizzes, Laravel, Black Box Testing, waterfall method.