

ABSTRACT

The rapid development of technology plays a vital role in the progress of various aspects of people's lives, especially the economic aspect in Indonesia. This situation is indicated by the number of start-up companies competing to find and develop solutions for various community needs. In line with those advances, the need for people who are experts in the field of digital skills is also increasing. The need for digital talent in digital skills such as programming and design reaches 600 thousand per year.

This Final Project discusses application development as a medium for learning digital skills with the support of mentors and the community. The applications developed to consist of online course services supported by discussion forums to ask mentors and live mentorship sessions with mentors regularly. The development applies the principle of Test-Driven Development, where unit testing takes precedence before creating a feature.

The application of the Test-Driven Development method in development has an impact on the usability level of the application, which is very good. It can be seen from the usability testing results on users using a Likert scale. All features in the application get index values above 90%, where the lowest index value is 92.90%, and the highest index value reaches 96.12%.

Keywords: *application, digital skills, mentor, mobile, test-driven development, usability.*