ABSTRACT

The midwife administration system digitization program is a pattern of simplifying the submission of administrative procedures because the system used is a conventional system that is less effective and efficient due to the distance traveled and the wide control range of the region. Therefore, an automation system is needed for the administration of the Indonesian Midwives Association in the Cirebon District Area.

One of the automation methods that can be applied is using an android-based application with functions such as performance evaluation, service monitoring, and midwife placement. In addition to the main function of administration, there are also functions such as Puskesmas location and news.

This research was conducted on front-end development for Android applications using the React Native framework. The results of this research were carried out through Alpha testing related to the success in terms of appearance and commands on AIBIC Mobile, which showed that each scenario carried out in the test was proven valid and running properly. In Beta testing, a validity test was carried out using a measuring instrument in the form of a questionnaire, which showed that all question items were valid and obtained an r_{11} value of 0.94 in the reliability test, so that each question item was very reliable. Furthermore, UAT testing obtained a total overall percentage of 87.61%; with this percentage, the results of the UAT test showed good results.

Keywords: *Administration, Indonesian Midwives Association, Android Application, Front-End*