

Abstract— In this study, the development of an Android-based mobile application for monitoring the health of pregnant women was conducted. Pregnancy is one of the important health issues today due to the significant maternal mortality rates in almost all countries. One of the contributing factors to maternal mortality is the lack of information regarding handling or what should be done in case of transportation delays when going to healthcare facilities, delays in receiving assistance, and delays in decision-making. Therefore, it is necessary to design an Android application for monitoring pregnancy to facilitate mothers or their partners. This application can assist in decision-making by providing guidance such as estimated gestational age, what to do during pregnancy, and the map locations of nearby midwives or hospitals.

Keywords— mobile android, maternal mortality rates, pregnancy