ABSTRACT

People need health information to maintain a healthy lifestyle. Smartphone as a mobile phone that has a high level of functionality resembles a computer and provides internet features can facilitate access to health information. Disease information, treatment information, and health tips there are smartphone applications haven't had a good structure yet. Users of mobile applications is also not able to share information about experiences with it had suffered, the treatment of which ever done, and health tips that they know. In this research, health treatment mobile applications built using incremental iterative method that can provide solutions to these problems.

It embodies the concept of crowdsourcing which is the development of outsourcing in which the crowd needed to provide solutions to existing problems. Application of the concept of crowdsourcing on this application serves to provide opportunities for users to share experiences on health. Analysis and design of mobile applications using UML and Android Java programming language. Furthermore, the mobile application is tested by functionality testing of the system and user feedback.

The test results show that the system has been built in accordance with the system design and user requirements. The results of this study are mobile crowdsourcing applications of health treatment can facilitate users to share health information, simplify the search for information, and give the latest health information and most viewed.

Keywords*: crowdsourcing, Android, health treatment.*