

# ABSTRACT

Many symptoms will be felt by humans if they experience a disease, from the symptoms that there can be the same disease. To ensure the correctness of a complex conclusion many diseases have to use the knowledge of doctors for decision making. However, not everyone has the time and opportunity to see a doctor. This can be overcome with advances in technology now, with smart phones, everyone can access anything, anywhere. From the existing problems, we provide a solution, namely providing an application that can detect diseases based on symptoms, which is named "SiHelti". This application can be accessed using android. The application development model for this application uses the Waterfall method which starts from the design, implementation, testing, and deployment stages. The results of making this application are tested in acceptance testing from the user to check the appropriateness of the application made. The application is expected to help prevent the problem of delays in checking disease in the community.

Keywords: disease, application, android, waterfall, acceptance