

ABSTRAK

Latar Belakang: Pemantauan kesehatan lansia sangat penting dilakukan terlebih lansia merupakan kelompok rentan dalam pandemi Covid-19. Melihat hal tersebut rancangan sistem informasi posyandu lansia sebelumnya yang telah dilakukan di jenjang D3 (Anggraini, 2020) memiliki potensi untuk dikembangkan menjadi aplikasi sederhana. Guna mendukung proses pencatatan data kesehatan di posyandu lansia baik yang dilakukan secara umum maupun *door to door*.

Tujuan: Mengembangkan aplikasi posyandu lansia berbasis *mobile*.

Metode: Perancangan menggunakan metode *waterfall* hingga tahap evaluasi. Analisis kebutuhan dilakukan dengan metode wawancara serta studi literatur pelaksanaan posyandu baik sebelum maupun saat masa pandemi. *Platform* yang digunakan untuk pengembangan aplikasi adalah *Glide Apps* dengan *database Google spreadsheet*. Serta *draw.io* sebagai alat bantu pembuat diagram.

Hasil: Pengembangan aplikasi menghasilkan aplikasi sederhana yang bisa mencatat data kesehatan dan membantu penjagaan dan peningkatan kesehatan lansia di posyandu lansia. Aplikasi ini terdiri dari 9 menu utama yaitu Data Peserta, Indeks Massa Tubuh, Ukur Tekanan Darah, Data Kesehatan, Skrining P3G, Skrining Covid-19, Kegiatan, Info Kesehatan, dan Laporan.

Kesimpulan: Aplikasi Posyandu Lansia yang dikembangkan telah sesuai dengan hasil analisis kebutuhan kader posyandu lansia dan telah dilakukan uji coba serta evaluasi.

Kata Kunci: Aplikasi *mobile*, posyandu Lansia, pengembangan aplikasi

ABSTRACT

Background: *Monitoring the health of the elderly is very important, especially the elderly are a vulnerable group in the Covid-19 pandemic. Seeing this, the previous elderly integrated health post information system design that had been carried out at the associate degree (Diploma 3) level (Anggraini, 2020) had the potential to be developed into a simple application. To support the process of recording health data at the integrated health post for the elderly, both in general and door to door.*

Objective: *To develop a mobile-based integrated health post application for the elderly.*

Method: *The design uses the waterfall method to the evaluation stage. The needs analysis was carried out using the interview method and literature study of the integrated health post-implementation both before and during the pandemic. The platform used for application development is Glide Apps with a Google spreadsheet database. And draw.io as a diagramming tool.*

Results: *Application development produces a simple application that can record health data and help maintain and improve the health of the elderly in the elderly integrated health post. This application consists of 9 main menus, namely Participant Data, Body Mass Index, Blood Pressure Measurement, Health Data, P3G Screening, Covid-19 Screening, Activities, Health Info, and Reports.*

Conclusion: *The elderly integrated health post application developed was by the results of the analysis of the needs of elderly integrated health post cadres and trials and evaluations have been carried out.*

Keywords: *Mobile application, elderly integrated health post, application development*