

## INTISARI

Penelitian ini bertujuan untuk mendukung proses pendaftaran di Lembaga Kursus dan Pelatihan (LKP) Media Komputer Sidareja melalui pengembangan aplikasi android berbasis Flutter dengan pendekatan Waterfall. Aplikasi ini dirancang untuk mempermudah calon peserta kursus dalam melakukan pendaftaran secara online, menggantikan sistem manual yang memakan waktu dan rentan terhadap kesalahan.

Proses pengembangan dilakukan melalui tahapan yang meliputi analisis kebutuhan, desain, implementasi, dan pengujian. Aplikasi yang dihasilkan mencakup fitur utama seperti pendaftaran online, rute menuju lokasi, dan integrasi pembayaran digital.

Hasil penelitian menunjukkan bahwa aplikasi berhasil dikembangkan sesuai dengan kebutuhan lembaga, dan memberikan kemudahan akses bagi peserta kursus. Dengan adanya aplikasi ini, proses pendaftaran menjadi lebih cepat, terstruktur, dan fleksibel, sehingga mendukung peningkatan kualitas layanan di LKP Media Komputer Sidareja.

Kata kunci: Aplikasi android, Pendaftaran Online, Lembaga Kursus, LKP Mediakom, Pengembangan Aplikasi

## **ABSTRACT**

*This research aims to support the enrollment process at the Sidareja Computer Media Course and Training Institute (LKP) through the development of a Flutter-based Android application with a Flutter approach. through the development of Flutter-based Android applications with a Waterfall approach. Waterfall approach. This application is designed to facilitate prospective course participants in register online, replacing the manual system that is timeconsuming and prone to errors. time-consuming and error-prone manual system.*

*The development process is carried out through stages including needs analysis, design, implementation, and testing. The resulting application includes main features such as online registration, route to the location, and digital payment integration.*

*The results showed that the application was successfully developed according to the needs of the institution, and provided easy access for course participants. With this application, the registration process becomes faster, structured, and flexible, thus supporting the improvement of service quality at LKP Media Komputer Sidareja.*

*Keywords: Android Application, Online Registration, Course Institution, LKP Mediakom, Application Development*