

ABSTRACT

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Elementary Mathematics Learning Application “*MathApp*” Using Android Based Flutter

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Key Word: Android, *Firebase*, Mathematics, Dart, API.

(vi + 57+attachment)

The public in general knows the mathematics taught by Surat Lampuran schools from Kindergarten, Elementary to Higher Education levels. Mathematics is very helpful in daily activities even in almost every field of work. Lack of awareness and interest in learning mathematics makes one's knowledge of using mathematics in everyday life very minimal. The purpose of this research is to create an Android-based mathematics learning application. The application is called MathApp. This application is made using Visual Studio Code, Firebase as a database, dart programming language and Application Programming Interface (API) to display the features that exist in the application. In the application there is a splash screen, Material Menu, Quiz Menu, and About Menu. Based on the test results, this application was successfully run on a smartphone be