

# E-Commerce App Development using Flutter Framework

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**Abstract:** *Recent technological breakthroughs in cloud computing, mobile computing, and other areas have opened up new opportunities for building and fostering cutting-edge services for accepting cryptocurrency payments. So, our plan is to create a hybrid application that aids sellers and focuses in particular on purchasing and selling products using both cryptocurrency and cash as a form of payment. The seller can check the daily pricing for the cryptocurrency market in addition to selling his goods. The platform provided by cloud computing allowed for improved global resource utilisation. Being a young field, it has numerous issues including a sudden market decline, a market increase, etc., which causes the engineers a lot of troubles. Therefore, the goal of this project is to build an e-commerce application using the Flutter Framework and the Dart programming language. To store user data, we utilise Firebase, a Google-founded database construction tool.*

**Keywords:** SSL, Cloud, HTTP, GCM, FCM

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