
Abstract

This research compares the value between Model-View-ViewModel (MVVM) and Model-View-Controller (MVC) in mobile application development. The increasing usage of mobile-based software applications has posed challenges for developers in terms of maintaining the applications in the long term. Therefore, selecting the appropriate architectural design pattern for mobile-based software applications is crucial. This study will provide valuable guidance for developers in choosing an architecture that suits the needs of software application development in the long run.

Keywords: *Mobile Application Development, , Architectural Design Pattern, Model-View-ViewModel, Model-View-Controller, Software Application Development*