Abstract

The concept of learning at any time and any place is unable to get fully implemented yet. The reason is that the currently available e-learning system requires a personal computer to access it. Moreover, users need to find convenient place to access the e-learning. In order to implement the concept, an applications of electronic distance learning that run on mobile device, such as cell phone, personnel digital assistant (PDA), or smart phone, is needed. The application is called mobile learning (m-learning). A different approach to design m-learning application is required due to the differences in mobile device and personal computer nature. This study implements Code Igniter (CI) framework that support model-view-controller (MVC) programming technique in order to decrease application development time. It may happen since Code Igniter provides a set of libraries that provides basic functionality to solve common problems. Using Code Igniter, developers no longer need to develop application from scratch and may directly focus on the codes that build m-learning application functionality.

References

- Hidayat A, Purwanto H. 2013. "Designing Application of M-Learning based on
Implementing Code Igniter Framework in Open Source Mobile Learning Application


Index Terms

Computer Science

Information Sciences

Keywords

Code Igniter  mobile learning  open source