

A Research and Development of Certification and Transaction Platform for Intellectual Property Rights of Digital Media

Abstract

In the study, we will develop a secure Digital Right Management System in practice usefully that using cryptograph, information security and multimedia, etc. We attempt to use these techniques to obtain the privacy, integrity, and authentication of the digital information. In addition, we ensure that the transmitted security between Internet in Digital Right system. Meanwhile, we attempt to propose a study for electronic payment (e-payment). In different type of e-payment, we analyze its efficiency and practicability to develop a secure e-payment in Digital Right Management System. Furthermore, we also research intellectual property in Digital Right Management System and implement these researches to provide a practical, secure, and efficient DRMS to push forward DRMS in full swing. The research and development system in addition to the use of PC end user viewing this certification center cloud systems, but also to develop APP application that allows the user to personal mobile communication devices use the cloud system.

Keyword: APP, Digital Right, Certification Center, E-Payment, information security mechanisms, Cloud Computing.