Development of the Web-Based Multimedia N-Screen Service System for Cross Platform

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Abstract : As the development of smart devices such as Smart TV, Smartphone, Tablet PC, Laptop, the interest in N-Screen Services that can be cross-linked with heterogeneous devices is increasing. N-Screen means User-centric services that can share and constantly watch multimedia contents anytime and anywhere. However, the existing N-Screen system has the limitation that N-Screen system has to implement the application for each platform and device to provide multimedia service. To overcome this limitation, Multimedia N-Screen Service System is proposed through the web, and it is independent of different environments. The combination of Web and cloud computing technologies from this study results in increasing efficiency and reduction in costs.