

Development of IP-TV based learning and instruction scenario

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- Abstract -

With the recent fast development of information and communication technology, education paradigm shift is inevitable for upbringing leaders of future society and improving the national competitiveness. Also, advent of a number of new technologies and devices for the instructional purpose are speeding up development of new learning skills and technologies. IP-TV is one of those emerging new learning devices which has potential energy for facilitating new learning strategies. IP-TV is an interactive TV which enables two-way or multiple-way interactions between TV and Learners; Learners can download, upload, create LCC(Learner-created contents), and conduct learning activities with IP-TV. Since IP-TV is based on quite new technologies and there are few cases used for instructional purpose, learning scenario became a very important design factor in whole IP-TV based learning system development. In this research, therefore, I developed teaching and learning scenarios which can be utilized by IP-TV system designers, teachers, and learners.