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STUDENT PERCEPTIONS ON THE USE OF STUDENT RESPONSE SYSTEM IN HIGHER EDUCATION IN HONG KONG

Abstract:

The SRS (Student Response System) is a software tool that is designed to facilitate students to learn by making the lessons more interesting and interactive, quickly assessing their understanding of the subject, and inspiring discussions. While the traditional SRS makes use of custom-made devices called Clickers, recently there are many mobile phone-based SRSs developed and accessible through the Internet. However, many university teachers are hesitant to use SRS due to the lack of research about student perception of the application of SRS in higher education. Our study will report on the student perception of using mobile phone-based SRS in a self-financed higher education institution in Hong Kong. Data were collected from over 400 students using online surveys during the autumn semester in 2017.

This paper will start a concise overview of the SRS technology. Then it will report the sampling method and survey procedure. Finally, it will show the analysis of the results using the Technology Acceptance Model (TAM).

This research shows that the students have positive perceptions on the usefulness and ease of use of the SRS. However, the students in the early stage of study have a significantly more positive perception on the ease of use than the students in the final stage of study. All the students have positive intention to continue to use SRS. Hence, we recommend teachers should adopt SRS in their classroom teacher, with more attention in making questions easier to understand for final stage students.

Keywords:

Student Response System, Mobile phones, Technology Acceptance Model, Self-financed, Higher Education, Clickers, Audience Response Systems

JEL Classification: C88, C25, I23