



The effect of social media and lecturer's direct instructions on students' digital sculpting skills

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Abstract:

As the technology continues to advance, it becomes imperative to use technology as a tool for learning. In learning 3D animation field, digital sculpting skills are one of the important skills for students; however, each student has different learning ability, which are obstacles in doing digital sculpting. In this research, we use the social media and lecturer's direct instructions to promote students' digital sculpting skills. In methodology, we create a learning management plan of our learning method, then let the students practise digital sculpting by using video sharing and group discussion via Facebook group, together with lecturer's direct instructions both inside and outside the classroom. Analysis shows that the students have improved their digital sculpting skills and are satisfied with this learning method. Social media and lecturer's direct instructions act as a useful learning method and instrument for students' discussion, practising and researching.

Keywords: digital sculpting, direct instruction, learning skills, social media, undergraduate students

Introduction

Nowadays, the society is in transition, from a society that gives importance to information, so-called information-based society to a society that gives importance to knowledge or knowledge-based society. Knowledge-based society is the key to drive our country which is based on having knowledge and the advancement of information technology to be fundamental for further action. The knowledge-based society creates a system of producing new invention which is integrated into a network of production. In addition, data information and communication technology tools will easily and quickly access to knowledge.

As the technology continues to advance, it is found that Thailand internet users use internet for nearly 10 hours on work or school days, and 11 hours on holidays. Also, YouTube, Line, Facebook are still the top 3 social platforms of the Thais (Electronic Transactions Development Agency, 2019; Leesanguansuk, 2019). Popular social media among university students such as Facebook and YouTube are widely used in higher education and with this instrument of educational innovation, lecturers will need to know and learn how to use social media in their courses to help the students learn more and achieve learning objectives (Seechaliao, 2014). At present, the role of social media in education are the effectiveness of social media as a learning tool with the use of technology in the subjects, including both inside and outside of classrooms (Moran et al., 2011). Also, the social media can facilitate university learning activities (Irwin et al., 2012). Moreover, it can help students connect with the experts on specific field topics, the lecturer can communicate with the students to make announcements and provides students with useful information and helps them in research process (Dlamini, 2019). Also, video sharing that is distributed through social media is not just an online video that is made for entertainment or marketing but it turns out that video sharing becomes an