Video-Mapper: A Video Annotation Tool to Support Collaborative Learning in MOOCs

Abstract:

Massive Open Online Courses (MOOCs) have unique features that potentially can change the existing higher education landscape. MOOCs are an innovative form of Video-Based Learning (VBL) in the sense that they provide opportunities to a massive number of learners to attend free online courses around the globe. Video lectures are the major learning resources being used in MOOCs. However, the lack of interaction between learners and the video content was frequently noted in several studies on MOOCs. In order to enhance learners' collaboration, discussion, and interaction with the video content, this paper presents the design, implementation, and evaluation details of Video-Mapper as a video annotation tool that enables learners' collaboration and interaction around a video lecture, thus supporting self-organized and network learning in MOOC environments.

Keywords: Massive Open Online Courses, MOOCs, Video-Based Learning, Video Annotations Tools.