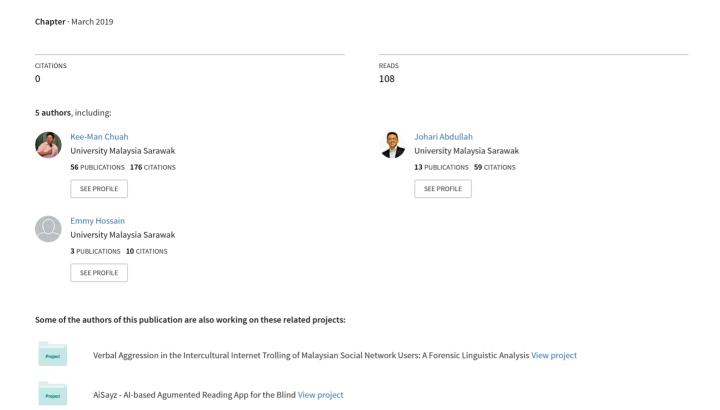
# The Malaysia MOOC Initiative: The Universiti Malaysia Sarawak experience



## **CHAPTER 11**

# The Malaysia MOOC Initiative: The Universiti Malaysia Sarawak Experience

Chuah Kee Man Orcid.org/0000-0001-7499-5889

Johari Abdullah Orcid.org/0000-0001-9604-3459

Emmy Dahliana Hossain Orcid.org/0000-0003-4708-0290

Ang Tse Chwan Orcid.org/0000-0003-2876-7791

Noorhaslina Senin Orcid.org/0000-0003-0667-1342

## Abstract

As one of the pioneers for Malaysia MOOC, Universiti Malaysia Sarawak (UNIMAS) has gained valuable insights as to how MOOC can be designed and developed effectively to meet the current educational demands. Since its first MOOC in 2013, the UNIMAS MOOC team aspires to ensure quality MOOCs are produced without ignoring the need to introduce localized contents to the global audience. This chapter outlines the philosophy behind each MOOC published by UNIMAS, which includes the instructional principles as well as content development steps. Future MOOCs produced by UNIMAS will continue to uphold its principle of injecting local essence by further emphasizing the unique and diverse communities in Sarawak, Malaysia.

### Introduction

A Massive Open Online Course (MOOC) is an online course aimed at a large audience, with open access via the Internet. The term MOOC was coined by Dave Cormier back in 2008 when he offered a course (*Connectivism and Connective Knowledge*) taken by a small cohort of fee-paying students but also offered to over 2200 online students from the general public (Head, 2014; Taib, Chuah & Aziz, 2017). From there, MOOC is slowly growing in popularity so much so that it is predicted to replace general education (Head, 2014), but only in late 2011, MOOC became a worldwide phenomenon through the launching of several initiatives (Coursera,

- Udacity, & edX) backed by top universities such as Stanford, MIT, Princeton, CMU, and others.
- This is a preview of the chapter. Full chapter is available via: <a href="https://www.crcpress.com/The-Impact-of-MOOCs-on-Distance-Education-in-Malaysia-and-Beyond/Ally-Embi-Norman/p/book/9780367026615?fbclid=IwAR2a30P0\_yTulRshSqbV0e-GT3koxqfRMD\_GeseM34XZUbbaXGtK4G-SzUM</a>

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## **Author Biography**

#### Chuah Kee Man

Chuah Kee Man is a lecturer at the Faculty of Language and Communication, Universiti Malaysia Sarawak and also the e-Learning Coordinator of the university. He has won several awards at national and international levels for various innovations in teaching and learning. His research interest revolves mainly in the realms of cognitive linguistics, technology-enhanced learning, assistive technology and learning analytics.

#### Dr Johari Abdullah

Associate Professor Dr. Johari Abdullah is currently serving as the Dean at the Faculty of Computer Science & IT, UNIMAS, Sarawak. He received his PhD (Computing Science) from Newcastle University (UK), his Master of IT from Queensland University of Technology, Brisbane, Australia, and Bachelor of Computer Science (Networking) degree from Universiti Putra Malaysia. His interest in ICT is wide and ranging from Trusted System, Blockchain Technology, Web System Design and development, System Architecture, problem solving using tools such as TRIZ, ICT education for children and youth through Computational Thinking, Scratch and Computer Science Unplugged, and also open source system and software.

#### **Emmy Dahliana Hossain**

Emmy Dahliana Hossain is a lecturer at the Faculty of Computer Science and Information Technology (FCSIT), and a research fellow at the Institute of Social Informatics and Technological Innovations (ISITI), Universiti Malaysia Sarawak (UNIMAS). She received her Master of Science degree from Universiti Sains Malaysia (USM) in 2013. Her research interests include, but not limited to, ICT for Development (ICT4D), and question answering systems.

### Ang Tse Chwan

Ang Tse Chwan is a lecturer at the Faculty of Applied and Creative Arts, Universiti Malaysia Sarawak with expertise in graphic design and visual storytelling in film and animation. Furthermore, he received instructional multimedia as postgraduate degree with expertise in designing meaningful learning.

## Noorhaslina Senin

Noorhaslina Senin is a Lecturer in the Design Technology Program, Universiti Malaysia Sarawak, and currently holding a position as Faculty Industrial Training Coordinator. Her areas of expertise include graphic design and publication design. She started her carrier with UNIMAS since 2007 as tutor with Degree in Applied Arts with Honors (Design Technology) from Universiti Malaysia Sarawak. She then pursued her study in Visual Communication & New Media related subject and obtained her Master Degree in Art and Design from Universiti Teknologi MARA (UiTM).