

Open Educational Resources on Online Training Management For Foreign Language Education

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บทคัดย่อ

งานวิจัยครั้งนี้มีวัตถุประสงค์เพื่อออกแบบพัฒนา และประเมินสคริปต์เนื้อหา และสตอรี่บอร์ดแบบออนไลน์สำหรับ “คลังทรัพยากรการศึกษาแบบเปิดเพื่อการศึกษาภาษาต่างประเทศ ด้านการจัดการฝึกอบรมแบบออนไลน์” กลุ่มตัวอย่างของงานวิจัย ซึ่งได้จากการสุ่มเลือกแบบเจาะจง ได้แก่ 1) ผู้ทรงคุณวุฒิด้านเนื้อหาจำนวน 6 คน เพื่อการประเมินสคริปต์เนื้อหา จากมหาวิทยาลัยของรัฐและเอกชน และโรงเรียนที่เปิดสอนโปรแกรมสองภาษาในสังกัดรัฐบาล (English Program) และ 2) ผู้ทรงคุณวุฒิด้านเทคโนโลยีจำนวน 3 คน เพื่อการประเมินสตอรี่บอร์ดจากมหาวิทยาลัยของรัฐ หน่วยงานภาครัฐและบริษัทเอกชน เครื่องมือที่ใช้ในการวิจัย ได้แก่ แบบสอบถามและสคริปต์เนื้อหาและสตอรี่บอร์ดแบบออนไลน์ การวิเคราะห์ข้อมูลใช้ค่าสถิติร้อยละ การวิเคราะห์เชิงพรรณนาและ การเขียนเชิงบรรยายผลการวิจัยพบว่า 1) สคริปต์เนื้อหาแบบออนไลน์ ด้านการจัดการฝึกอบรมแบบออนไลน์” ที่ออกแบบและพัฒนาด้วยบริการฟรีเพื่อสร้างบล็อก ประกอบด้วยเนื้อหา 4 หัวข้อหลัก คือ Concepts and Theories, Techniques and Media, OER Hot Links และ French Resources ที่อยู่บนเว็บ คือ <http://oer-mef.blogspot.com/p/by.html> 2) ผู้ทรงคุณวุฒิด้านเนื้อหาส่วนใหญ่ ร้อยละ 93.48 เห็นด้วยกับระดับภาษา ประโยชน์ และการนำไปใช้ โดยมีผู้ทรงคุณวุฒิจำนวนหนึ่ง คิดเป็นร้อยละ 4.35 และ 2.16 ตามลำดับไม่เห็นด้วยกับระดับความยากง่ายของภาษาที่ใช้ และไม่แน่ใจต่อประโยชน์สำหรับผู้ปกครองและบุคคลทั่วไป และการนำไปใช้เพื่อทบทวนแนวคิดพื้นฐาน 3) สตอรี่บอร์ดแบบออนไลน์สำหรับเว็บไซต์คลังทรัพยากรการศึกษาแบบเปิดฯ ที่ออกแบบและพัฒนาตามเว็บต้นแบบด้วยบริการฟรีเพื่อสร้างเว็บ มีที่อยู่บนเว็บที่

[#online-training-management/ovoeq](http://rosechong.wix.com/oer-foreignlang) 4) ผู้ทรงคุณวุฒิด้านเทคโนโลยีส่วนใหญ่ร้อยละ 72.72 เห็นด้วยกับการออกแบบสตอรี่บอร์ดสำหรับเว็บไซต์คลังทรัพยากรการศึกษาแบบเปิดฯ มีผู้ทรงคุณวุฒิจำนวนหนึ่งที่ไม่แน่ใจและไม่เห็นด้วยกับการออกแบบสตอรี่บอร์ดบางส่วน คิดเป็นร้อยละ 22.72 และ 4.54 ตามลำดับด้วยสาเหตุหลักจากการพัฒนาเนื้อหาแหล่งทรัพยากรที่ยังไม่สมบูรณ์ ข้อเสนอแนะจากผู้ทรงคุณวุฒิ คือ ควรให้ความสำคัญแก่การเลือกกำหนดสิทธิ์ แบบ Creative Commons สำหรับเนื้อหาจากแหล่งทรัพยากรต่าง ๆ ให้ถูกต้อง และการใช้รูปแบบตัวอักษร และขนาดอักษรที่เหมาะสม

คำสำคัญ: คลังทรัพยากรการศึกษาแบบเปิด การศึกษาภาษาต่างประเทศ การจัดการฝึกอบรมแบบออนไลน์

Abstract

The purposes of this research were to design, develop and evaluate the online scripts and storyboards for the Open Educational Resources on Online Training Management for Foreign Language Education. The sample that were purposively selected from public and private universities, school with English Program and public and private organizations were composed of 6 content experts: 3 in English language and 3 in French, and 3 technology experts for the evaluation of scripts and storyboards. The research instruments were the questionnaires, the online scripts and the online storyboards. The data were analyzed through percentage, descriptive analysis and

narrative descriptions. The research results revealed that: 1) the online scripts of the OER on Online Training Management for Foreign Language Education, using Blog builder service, comprise of 4 main topics of content: Concepts and Theories, Techniques and Medias, OER Hot Links, and French Resources. They are located at the URL: <http://oer-mef.blogspot.com/> ; 2) the online storyboards of the OER website designed by using the model of existing OER sites and Web builder service provider, locating at: <http://rosechong.wix.com/oerforeignlang>; 3) most of content experts agreed with the level of content and the utility and utilization of the offered resources at 93.48%. Few disagreements and uncertainties at 2.16 % and at 3.45% respectively were for the level of language used, the benefits for parents and general users and the utilization for revising basic knowledge. All experts found that the OER resources can be very useful for teachers, lecturers, and students due to their innovative concepts of free use and open content; 4) most technology experts agreed with the design of the online storyboard for OER website at 72.72%. Few disagreements and uncertainties at 4.54 % and at 22.72% respectively were mainly due to the incomplete development of the content. Following the experts' suggestion, the particular attention must be paid to the selection of Creative Commons Licenses and to the use of font sizes and font styles.

Keywords: OER, Open Educational Resources, foreign language education, online training

INTRODUCTION

The problems that instructors, organizational trainer, and human resource

officers do not have the accurate knowledge and accessible educational resources of training and development program management, especially the training program in foreign languages that makes learners and staffs lost the opportunities in professional paths including job employment and promotion. Therefore, the creating of the direct and accessible free educational sources called “Open Educational Resources on Online Training Management for Foreign Language Education” is expected to provide the adequate information and techniques for instructors, organizational trainers, and human resource officers. In addition, the research results had shown that most of French and English language instructors were highly satisfied and aware of the benefits of the open educational resources.

OBJECTIVES

1. To design and develop the online scripts and storyboards of the “Open Educational Resources on Online Training Management for Foreign Language Education”.

2. To evaluate the online scripts and storyboards of the “Open Educational Resources on Online Training Management for Foreign Language Education”.

RESEARCH METHODOLOGY

Population and Samples

Population

Content experts in foreign language and technology experts from schools, universities, and organizations in Thailand

Samples

There are 2 groups of sample for the research conduction in phase 1 and phase 2:

- Six content experts: 2 English language lecturers and 1 teacher from universities and school with English Program as follows: Thammasat, Rajabhat Rajanagarindra and Satrinonthaburi School, and 3 French language lecturers from 2 public universities: Kasetsart and Prince of Songkla, Pattani Campus

- Three technology experts: 1 from Thai Cyber University Project, 1 from Kasetsart University and 1 from private company, IEC Corporation.

Research Instruments

1. An OER repertory developed by using Free Blog Builder Service: Blogger.com

2. An OER repertory developed by using Free Web Builder Service: Wix.com

3. Questionnaires for content experts developed by Google Form

4. Questionnaire for technology experts developed by Google Form

Research Procedure

1. The researcher searched the Internet for the information on action-oriented approach and developed the sitemap of the OER main and sub-topics of content. After quality verifying and the improvement, the researcher collected the resources from WWW, according to the OER sitemap and developed the URL scripts, using Word file format. The short descriptive summaries were given to each resource, as well as the source of information, the date and the type of copyright. The overall introduction and the introduction for each main topic were also prepared.

2. The researcher developed the online scripts in Blog format, using Free Blog Builder Service, Blogger.com. After quality verifying and the improvement, the questionnaires for the content experts were created, composing of 3 main parts: 1) Personal Data, 2) Agree / Disagree/ Uncertain Personal Opinions toward the content, the utility and the utilization of the resources and 3) Other Opinions and Suggestions.

3. After quality verifying and the improvement, the online questionnaires were created, using Google Form and handed to the sample group of content experts along with the URL of the online scripts in Blog format. The data were collected back for the analysis and the conclusions were made.

4. The researcher designed and developed the online storyboards by using as a model, the existing OER site: www.Jisc.ac.uk and Free Web Builder Service, Wix.com as a tool. The main features of the openness and sharable resources, called “4R Activities”: Revise Reuse - Remix – Redistribute, were studied and rebuilt as online storyboard, with some resources from the online scripts.

5. After quality verifying and the improvement, the online questionnaires were created using Google Form and handed to the sample group of technology experts along with the URL of the online storyboards. The data were collected back for the analysis. The conclusions were made and submitted for quality verifying and the improvement of the online scripts and storyboards.

6. The researcher prepared the report and the presentation.

Data Collection

PHASE 1 OER Content Sitemap and Online Scripts:

The researcher collected the information about the resources on “Action-Oriented Approach” to design the sitemap of main and sub-topics of content for the OER. The resources were firstly collected as the URL scripts in Word file format. The online scripts in Blog format at Blogger.com, were developed according to the URL scripts.

Evaluation Results from Content Experts:

The researcher collected the data from the content experts by himself, using the online questionnaires created on Google Form.

PHASE 2 Online Storyboard Design and Development:

The researcher collected the information about the essential features of OER website from the existing one called “Jisc” to design and develop the online storyboard, using Web Builder Service, Wix.com and the online scripts.

Evaluation Results from Technology Experts:

The researcher collected the data from the experts by himself, using the online questionnaires created on Google Form.

Data Analysis

The data were analyzed, using percentage, descriptive analysis and narration.

RESEARCH FINDINGS

1. Online Scripts of the “Open Educational Resources on Online Training Management for Foreign Language Education”

The online scripts were developed, using the URL scripts in Word file format and Free Blog Builder Service: Blogger.com; they are located at the following URL: <http://oer-mef.blogspot.com/p/by.html>

The online content scripts in Blog Format contain the URLs or the resource links with short descriptive summaries and the information about the sources of data, the created date and the copyrights. They were grouped into 4 main topics and sub-topics of content that present the 4 following types of information in each sub-topic: webpage/website, electronic slide, video, pdf file/eBook. The 4 main topics and sub-topics of content are as follows:

Main Topic 1: Concepts and Theories

Sub-topic 1: Basic Concepts

Sub-topic 2: Online Training and Development

Main Topic 2: Techniques and Media

Sub-topic 1: Training Techniques

Sub-topic 2: Training Media

Sub-topic 3: Examples of Online Training Programs

Main Topic 3: OER Hotlinks

Sub-topic 1: About OER

Sub-topic 2: Related OER Sites

Main Topic 4: French Resources

Sub-topic 1: Approches et Définitions

Sub-topic 2: Les Exemples

2. Online Storyboards of the OER Website

The OER online storyboards were developed using the online scripts and free web builder service: Wix.com. The homepage presented the resources from the online

scripts, grouped in 2 main categories and sub-categories as follows :

1. Curriculum Development

- Integrated Curriculum in SBE context
- Standards-Based Secondary Curriculum

- Curriculum Evaluation

2. Innovative Instructions

- Action-Oriented Approach
- Active Learning
- Online Training Management

They are located at <http://rosechong.wix.com/oer-foreignlang#laction-oriented/u7kfw>

3. Evaluation Results of Content Experts for the Online Scripts and Technology Experts for the Online Storyboards.

Table 1 Number and Opinions of Content Experts and Technology Experts for the Evaluation of the Online Scripts and Online Storyboards.

Online Script Evaluation By Content Experts (n=6)	Content Experts' Opinions		
	Agreed	Disagreed	Uncertain
1. Number and Opinions of 6 Content Experts for the Online Scripts of the "OER on Action-Oriented Approach for Foreign Language Education": Content, Utility, and Utilization	(93.48%)	(2.16%)	(4.35%)
		level of content for foreign language teachers and lecturers	-benefits for parents and general users - the utilization for revising the basic knowledge.
Online Storyboard Evaluation By Technology Experts (n=3)	Technology Experts' Opinions		
	Agreed	Disagreed	Uncertain
2. Number and Opinions of 3 Technology Experts for the Design of Online Storyboard of the "OER website : Presentation and Technology Used.	72.7%	4.5%	22.7%
3. Suggestions:			incomplete development of content
- Particular attention to be paid to the selection of Creative Common Licensed (2 experts)			
- Appropriate use of font types and font sizes (1 expert)			

According to Table 1, most content experts agreed with the content, the utility and the utilization of the offered resources at 93.48 %. Few disagreements and uncertainties at 2.16% and 4.35% respectively were on the appropriateness of level of content for foreign language teachers and lecturers, the benefits for

parents and general users and the utilization for revising the basic knowledge.

DISCUSSION

For the sitemap development, as the literature review were carefully studied, the researcher specifically looked into every

detail on Online Training Management as the related research concerning the application of this approach in teaching and learning, the topics of content for the sitemap of the OER were therefore designed accordingly to the reviewed information. Hence, all the content experts agreed with the good design for the OER sitemap concerning all topics.

The ideas concerning the development of online scripts in Blog format came from the knowledge and experience of the researcher on the application of Web2.0 tools and services. The inspiration came from the following description of CELT hub (2015):

“...Blogs and Wikis are web tools that allow you to share and collaborate on the internet. A blog is short for a web log and can be a useful tool for recording reflections, personal experiences, opinions, to reporting or making commentary on event...”

And of Selwyn (2008):

“...The use of blogs and wikis in education is relatively well established and supports existing pedagogies of reflective writing (the blog) and teamwork (the wiki) ...”

The easy to use tool like Blogger.com allows every user to create various types of data presentation, from multimedia to the blog and website development. Not any knowledge on programming language is needed as many tutorials are provided for the use of Blogger.com. (University of Melbourne, 2008)

For the storyboard development, the researcher used Wix.com which is Web builder service to design and develop the online storyboards because of its various functions and features of Web 2.0 Technology. Many features on this service

such as the option for free usage, the various Web templates, and the gallery of many Web components make it very easy for users without the programming knowledge to develop the professional website. In addition, as this Web builder service had gain popularity from wide range of users; the site continues to grow and more innovative features are regularly added like the template with OER characteristics.

However, one expert in technology had given the suggestion about the free service that it can turn into the service with charge in the future.

CONCLUSION AND RECOMMENDATIONS

As this innovative educational media is still quite new for teachers in Thailand, especially for foreign language teaching, the research results had shown that most of the content experts agreed with the level of content and the utility and utilization of the offered resources at 96.27%. There were very few uncertainties at 3.73% on the appropriateness of level of content for foreign language teachers and lecturers, the beneficial for parents and general users and the utilization for revising the basic knowledge. All of the content experts found that the OER resources can be very useful for teachers, lecturers, and students due to their innovative concepts of free use and open content. The quality of the resources bases mainly on their selection and categorization, as well as the various data formats: text, slide, video, and pdf file/eBook. In addition, most of the experts in OER and technology agreed with the design of the online storyboard for OER website at 72.72%. There were few disagreements and uncertainties at 4.54 %

and at 22.72% respectively, were mainly due to the incomplete development of the content. The emphasis must be paid especially on the use of Creative Commons Licenses and the selection of font sizes and font styles.

The recommendations for further research were as follows:

1. Development of OER Website using the Scripts and Storyboards of the “Open Educational Resources on Online Training Management”

2. The Study the Usage Models and Methods of the Developed OER Website.

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