

Title	"Beanstalk" : Forming the sense of community inside the distance learning classroom by utilizing digital storytelling
Sub Title	
Author	張, 晋菁(Chang, Emily, Chin-Ching) 大川, 恵子(Okawa, Keiko)
Publisher	慶應義塾大学大学院メディアデザイン研究科
Publication year	2011
Jtitle	
JaLC DOI	
Abstract	<p>This research aims to create a platform to encourage online learners to build the sense of community among them by utilizing video storytelling. In this research, a platform "Beanstalk" is proposed and developed as a tool for supporting language learning and building the sense of community simultaneously.</p> <p>Current online education systems have issues of disconnection of communication among learners. To improve the situation, this research tries to form the sense of community in a distance classroom. Through establishing an online storytelling environment, it offers students more chances to communicate with their classmates from other countries, and practice what they learn from classes as well.</p> <p>The SOI Asia Project network, a partnership among pan-pacific universities that utilizes video conferencing system in their distance-learning courses, served as a testing ground for this system. By using the proposed platform, it is expected that students can keep the passion of learning language and also increase the level of engagement in the class among higher students.</p> <p>The proof of concept comprises of an evaluation on user interface through online questionnaires and interviews, and two video-storytelling cases created to prove how storytelling helps language learning. The results acquired from several experiments show that Beanstalk needs to re-build a more specific user model to improve the current design, and develop a much clearer story line to help users utilize the website better. For future research, field tests examining how video-storytelling works in an online classroom need to be conducted. Finally, the results obtained in the research are expected to support SOI's learning environment development in the long run.</p>
Notes	修士学位論文. 2011年度メディアデザイン学 第178号
Genre	Thesis or Dissertation
URL	<a href="https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=KO40001001-00002011-0178">https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=KO40001001-00002011-0178</a>

慶應義塾大学学術情報リポジトリ(KOARA)に掲載されているコンテンツの著作権は、それぞれの著作者、学会または出版社/発行者に帰属し、その権利は著作権法によって保護されています。引用にあたっては、著作権法を遵守してご利用ください。

The copyrights of content available on the Keio Associated Repository of Academic resources (KOARA) belong to the respective authors, academic societies, or publishers/issuers, and these rights are protected by the Japanese Copyright Act. When quoting the content, please follow the Japanese copyright act.

# Master's Thesis

## “Beanstalk”—Forming the sense of community inside the distance learning classroom by utilizing digital storytelling



KEIO MEDIA DESIGN

Academic Year 2011

Graduate School of Media Design  
Keio University

Emily, Chin-Ching, Chang

A Master's Thesis  
submitted to Graduate School of Media Design,  
Keio University  
in partial fulfillment of the requirements for the degree of  
MASTER of MediaDesign

Emily, Chin-Ching, Chang

Thesis Committee:

Professor Keiko Okawa	(Supervisor)
Professor Naohisa Ohta	(Co-supervisor)

Thesis Committee:

Professor Keiko Okawa	(Supervisor)
Professor Naohisa Ohta	(Co-supervisor)
Associate Professor Masahiko Inami	(Member)

# “Beanstalk”—Forming the sense of community inside the distance learning classroom by utilizing digital storytelling

## Abstract

This research aims to create a platform to encourage online learners to build the sense of community among them by utilizing video storytelling. In this research, a platform “Beanstalk” is proposed and developed as a tool for supporting language learning and building the sense of community simultaneously.

Current online education systems have issues of disconnection of communication among learners. To improve the situation, this research tries to form the sense of community in a distance classroom. Through establishing an online storytelling environment, it offers students more chances to communicate with their classmates from other countries, and practice what they learn from classes as well.

The SOI Asia Project network, a partnership among pan-pacific universities that utilizes video conferencing system in their distance-learning courses, served as a testing ground for this system. By using the proposed platform, it is expected that students can keep the passion of learning language and also increase the level of engagement in the class among higher students.

The proof of concept comprises of an evaluation on user interface through online questionnaires and interviews, and two video-storytelling cases created to prove how storytelling helps language learning. The results acquired from several experiments show that Beanstalk needs to re-build a more specific user model to improve the current design, and develop a much clearer story line to help users utilize the website better. For future research, field tests examining how video-storytelling works in an online classroom need to be conducted. Finally, the results obtained in the research are expected to support SOI’s learning environment development in the long run.

**Keywords:**

Digital storytelling, Video storytelling, Virtual Community, Learning community,  
Distance Learning

**Graduate School of Media Design, Keio University**

Emily, Chin-Ching, Chang