

**A SELF-DIRECTED LEARNING (SDL) IMPROVEMENT SYSTEM
FOR HIGH SCHOOL STUDENTS' INTERNET USE**

AMARIN TAWATA

**DOCTOR OF PHILOSOPHY
IN KNOWLEDGE MANAGEMENT**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved

**GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
NOVEMBER 2014**

**A SELF -DIRECTED LEARNING (SDL) IMPROVEMENT SYSTEM
FOR HIGH SCHOOL STUDENTS' INTERNET USE**

AMARIN TAWATA

**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN KNOWLEDGE MANAGEMENT**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved

**GRADUATE SCHOOL, CHIANG MAI UNIVERSITY
NOVEMBER 2014**

**A SELF-DIRECTED LEARNING (SDL) IMPROVEMENT SYSTEM
FOR HIGH SCHOOL STUDENTS' INTERNET USE**

AMARIN TAWATA

THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN KNOWLEDGE MANAGEMENT

Examination Committee:

Atichart Hancharnchai Chairman
(Lect.Dr. Atichart Hancharnchai)

Nopasit Chakpitak Member
(Asst.Prof. Dr.Nopasit Chakpitak)

Teeraporn Sae-Haew Member
(Lect.Dr.Teeraporn Sae-Haew)

Pitipong Yodmongkol Member
(Asst.Prof. Dr.Pitipong Yodmongkol)

Maream Nillapun Member
(Asst.Prof. Dr. Maream Nillapun)

Advisory Committee:

Pitipong Yodmongkol Advisor
(Asst.Prof. Dr.Pitipong Yodmongkol)

Nopasit Chakpitak Co-advisor
(Asst.Prof. Dr.Nopasit Chakpitak)

Pradorn Sureephong Co-advisor
(Lect.Dr.Pradorn Sureephong)

21 November 2014

Copyright © by Chiang Mai University

ACKNOWLEDGEMENTS

First of all, I would like to deliberately acknowledge to my advisors, Asst.Prof.Dr.Pitipong Yodmongkol (the major advisor), Asst.Prof.Dr.Nopasit Chakpitak (co-advisor), and Lect.Dr.Pardon Sureepong (co-advisor), who encouraged and supported me to proceed my work. Moreover, I would like to thank to Lect.Dr.Aoyporn Tunmukayakul who devoted much time for suggestions.

With this project, I had a good opportunity to work with staff of the Thai Red Cross Society and lecturers in the College of Arts Media and Technology (CAMT). They provided me ideas and my good experience. With travelling with lecturers of CAMT, I learned that ideas can occur during having lunch with colleagues.

Finally, I appreciated my family for cheering me. My mother who helped me take care my son and reminded me for concerning healthy. My wife who helped me to collect and found documents. My son as special person who always makes me happy.

Amarin Tawata

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved