

**DEVELOPMENT OF A TOTAL COMMUNICATION ANIMATION
DICTIONARY TO ENHANCE ENGLISH VOCABULARY AND
READING KNOWLEDGE OF THAI PRIMARY SCHOOL
STUDENTS WITH HEARING IMPAIRMENTS**

SANTICHA WICHA

**DOCTOR OF PHILOSOPHY
IN KNOWLEDGE MANAGEMENT**

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THE GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
AUGUST 2011

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SANTICHAI WICHA

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

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"ເຢັ່ງສາວລູ່ເອ່າໄປໃຈວາວວາງ"

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