

**ALTERNATIVE DESIGN APPROACH FOR DMS USING
KNOWLEDGE ENGINEERING**

KNATHIP SPUNTUPONG

**DOCTOR OF PHILOSOPHY
IN KNOWLEDGE MANAGEMENT**

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THE GRADUATE SCHOOL

CHIANG MAI UNIVERSITY

MARCH 2010

**ALTERNATIVE DESIGN APPROACH FOR DMS USING
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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN KNOWLEDGE MANAGEMENT**

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THIS THESIS HAS BEEN APPROVED
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS
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