

**VALIDITY OF A SMARTPHONE-BASED ACCELEROMETER  
FOR SPATIOTEMPORAL GAIT ASSESSMENT  
IN OLDER ADULTS**

**KUNLANAN TEJA**

**MASTER OF SCIENCE**

**IN MOVEMENT AND EXERCISE SCIENCES**

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**GRADUATE SCHOOL  
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**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL  
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF  
MASTER OF SCIENCE  
IN MOVEMENT AND EXERCISE SCIENCES**

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KUNLANAN TEJA

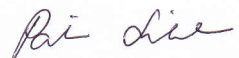
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THE REQUIREMENTS FOR THE DEGREE OF  
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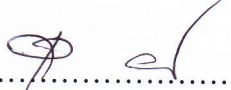
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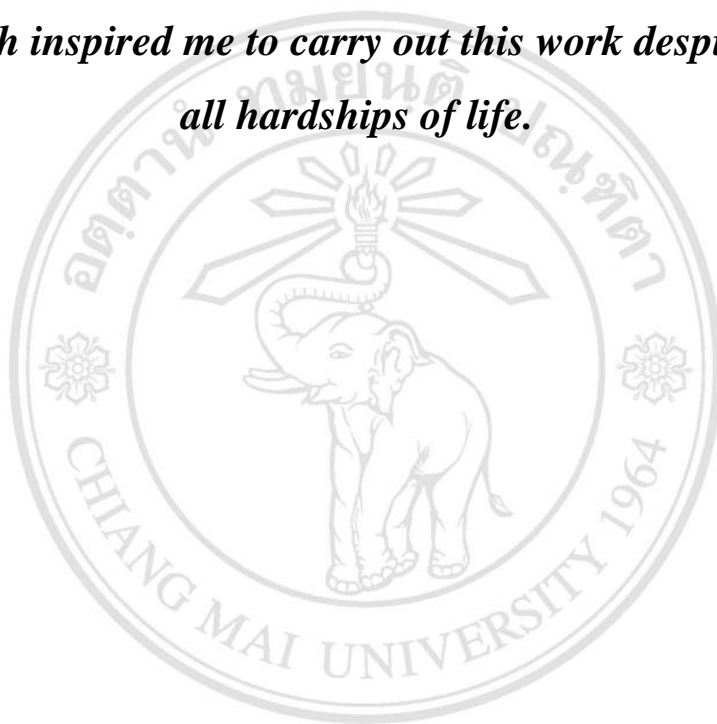
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1 December 2017

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***To***

***My beloved family and teachers, who have been  
a constant source of support, motivation and encouragement,  
which inspired me to carry out this work despite of  
all hardships of life.***



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