# The Hong Kong Polytechnic University

## **Department of Computing**

## Thesis Title

Thesis Author

A thesis submitted in partial fulfilment of the requirements for the degree of

**Master of Philosophy** 

March 2014

# **CERTIFICATE OF ORIGINALITY**

I hereby declare that this thesis is my own work and that, to the best of my knowledge and belief, it reproduces no material previously published or written, nor material that has been accepted for the award of any other degree or diploma, except where due acknowledgement has been made in the text.

	(Signed)
Thesis Author	(Name of student)

# **Abstract**

# Acknowledgement

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

### **Contents**

1	Intr	oduction	3
	1.1	Introduction of General	3
	1.2	Current	3
	1.3	Proposed	4
	1.4	Thesis Structure	4
2	Lite	rature Review	7
	2.1	System	7
	2.2	Feature Extraction	7
3	Syst	tem	9
	3.1	Introduction	9
	3.2	System Design	10
	3.3	Demo System	10
	3.4	Calibration	11

	3.5	Conclusion
4	Feat	cure Extraction 13
	4.1	Introduction
	4.2	Related Work
	4.3	Method
	4.4	Experimental Results
	4.5	Summary
5	Rea	l-time 17
	5.1	Introduction
	5.2	Related Work
	5.3	Summary
6	Con	clusions 19
	6.1	Section 1
	6.2	Section 2
	6.3	Future Work
L	ist	of Figures
3.1	( 2. A	Figure example: (a) example part one, (c) example part two; (c) example part three

# **List of Tables**

Introduction

"Mens cujusque is est Quisque" -"Mind Makes the Man"

— Samuel Pepys

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#### 1.1 Introduction of General

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#### 1.2 Current

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# 1.3 Proposed

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#### 1.4 Thesis Structure

#### Chapter 2

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#### Chapter 3

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#### Chapter 4

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#### Chapter 5

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#### Chapter 6

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Literature Review

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— Samuel Pepys

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# 2.1 System

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

## 2.2 Feature Extraction

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System 3

Januarion distinguishes between a leader and a follower.

— Steve Jobs (CEO Apple Inc.)

### 3.1 Introduction



**Fig. 3.1:** Figure example: (*a*) example part one, (*c*) example part two; (*c*) example part three

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There is no need for special content, but the length of words should match the language.



**Fig. 3.2:** Another Figure example: (*a*) example part one, (*c*) example part two; (*c*) example part three

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# 3.2 System Design

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# 3.3 Demo System

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#### 3.4 Calibration

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### 3.5 Conclusion

4

### Feature Extraction

*Users do not care about what is inside the box, as long as the box does what they need done.* 

— **Jef Raskin** about Human Computer Interfaces

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#### 4.1 Introduction

#### 4.2 Related Work

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#### 4.3 Method

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# 4.4 Experimental Results

# 4.5 Summary

Real-time

*Users do not care about what is inside the box, as long as the box does what they need done.* 

— **Jef Raskin** about Human Computer Interfaces

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### 5.1 Introduction

### 5.2 Related Work

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# 5.3 Summary

Conclusions

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#### 6.1 Section 1

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## 6.2 Section 2

There is no need for special content, but the length of words should match the language.

### 6.3 Future Work