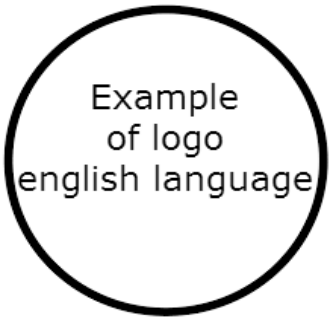


# DISSERTATION

**EXAMPLE OF THESIS TEMPLATE FOR ITHESIS SYSTEM**

**STUDENT3 ITHESIS3**

**GRADUATE SCHOOL, ITHESIS CLOUD (DEMO)**
**2015**

DISSERTATION

# EXAMPLE OF THESIS TEMPLATE FOR ITHESIS SYSTEM

STUDENT3 ITHESIS3

Dissertation Submitted in Partial Fulfillment of
the Requirements for the Degree of
Master of Science
GRADUATE SCHOOL, ITHESIS CLOUD (DEMO)
2015

# DISSERTATION APPROVAL
## GRADUATE SCHOOL, ITHESIS CLOUD (DEMO)

**DEGREE:** Master of Science
**MAJOR FIELD:** Brand and Marketing Management
**DEPARTMENT:** Department of Marketing

**TITLE:** Example of Thesis Template for iThesis System

**NAME:** Miss Student3 iThesis3

**THIS DISSERTATION HAS BEEN ACCEPTED BY**

..... **DISSERTATION ADVISOR**

(Assistant Professor TestAd11 system11, Dr.Ing.)

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**APPROVED BY THE GRADUATE SCHOOL ON** .....

..... **DEAN**

(Professor TestAd1 system1 , Ph.D.)

Student3 iThesis3 2015: Example of Thesis Template for iThesis System. Master of Science, Major Field: Brand and Marketing Management, Department of Department of Marketing. Thesis Advisor: Assistant Professor TestAd11 system11, Dr.Ing.

The optimum condition to produce protein hydrolysate from tilapia and perch frame with antioxidant (analyzed by DPPH method, metal chelating activity method and TBA assay) and ACE inhibitory properties were investigated. Minced fish frame was enzymatically hydrolyzed by using Flavourzyme 1000 L at different concentration (0, 1, 2 and 3 % w/w) and hydrolysis time (0, 1, 2 and 3 hrs). The results showed that enzyme concentration and hydrolysis time affected the % DPPH radical scavenging, % metal chelating activity, % TBA activity ratio and % ACE inhibition significantly ($P \leq 0.05$). Tilapia frame protein hydrolysate obtained by using 2 % Flavourzyme 1000 L hydrolyzed for 1 hour and perch frame protein hydrolysate obtained by using 3 % Flavourzyme 1000 L for 2 hours were the selected conditions due to the high value of % DPPH radical scavenging, % metal chelating activity, % TBA activity ratio and % ACE inhibition which were 90.38, 91.80, 70.54 and 81.90% for the selected tilapia frame protein hydrolysate, respectively. And % DPPH radical scavenging, % metal chelating activity, % TBA activity ratio and % ACE inhibition were 96.80, 92.54, 90.12 and 92.59 % for the selected perch frame protein hydrolysate, respectively. Spray-dried of the selected protein hydrolysates from tilapia and perch frame were made.

_____ _____ ____ / ____ / ____

Student's signature Thesis Advisor's signature

# ACKNOWLEDGEMENTS

This research has been successful. Because of the great merit of Asst. Prof.TestAd system, the research consultant, please advise, consult and correct any deficiencies with great care. The researcher is aware of the dedication and devotion of the teachers and highly thanks for this.

Student3 iThesis3

# TABLE OF CONTENTS

**Page**

# REFERENCES

# VITA

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| **PUBLICATION** | Publication |
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