

AN IIUM THESIS LATEX STYLE

BY

MOHAMMAD KHALID HUSSAIN

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

1438

AN IIUM THESIS LATEX STYLE

BY

MOHAMMAD KHALID HUSSAIN

A thesis submitted in fulfillment of the requirement for the degree of  
Doctor of Philosophy in Computer Science .

Kulliyah of Information and Communication Technology  
International Islamic University Malaysia

RABĪ‘ AL-AWWAL 1438

## APPROVAL PAGE

The thesis of Mohammad Khalid Hussain has been approved by the following:

.....  
Salihin Zakir Al-Tamimi  
Supervisor

.....  
Khairuddin Shahidan  
Co-Supervisor

.....  
Sayed Moustapha Amnullah  
Internal Examiner

.....  
Nurhanina Rafai  
Internal Examiner

.....  
Rohani Karim  
External Examiner

.....  
Jamal Othman  
Chairman

## DECLARATION

I hereby declare that this thesis is the result of my own investigations, except where otherwise stated. I also declare that it has not been previously or concurrently submitted as a whole for any other degrees at IIUM or other institutions.

Mohammad Khalid Hussain

Signature .....

Date .....

# INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

## DECLARATION OF COPYRIGHT AND AFFIRMATION OF FAIR USE OF UNPUBLISHED RESEARCH

### AN IIUM THESIS LATEX STYLE

I declare that the copyright holder of this thesis are jointly owned by the student and IIUM.

Copyright © 1438 Mohammad Khalid Hussain and International Islamic University Malaysia. All rights reserved.

No part of this unpublished research may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without prior written permission of the copyright holder except as provided below

1. Any material contained in or derived from this unpublished research may only be used by others in their writing with due acknowledgment.
2. IIUM or its library will have the right to make and transmit copies (print or electronic) for institutional and academic purpose.
3. The IIUM library will have the right to make, store in a retrieval system and supply copies of this unpublished research if requested by other universities and research libraries.

By signing this form, I acknowledged that I have read and understand the IIUM Intellectual Property Right and Commercialization policy.

By signing this form, I acknowledged that I have read and understand the IIUM Intellectual Property Right and Commercialization policy.

Affirmed by Mohammad Khalid Hussain

.....  
Signature

.....  
Date

# INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

## DECLARATION OF COPYRIGHT AND AFFIRMATION OF FAIR USE OF UNPUBLISHED RESEARCH

### AN IIUM THESIS LATEX STYLE

I declare that the copyright holder of this thesis is International Islamic University  
Malaysia.

Copyright © 1438 Mohammad Khalid Hussain and International Islamic University  
Malaysia. All rights reserved.

No part of this unpublished research may be reproduced, stored in a retrieval system,  
or transmitted, in any form or by any means, electronic, mechanical, photocopying,  
recording or otherwise without prior written permission of the copyright holder except  
as provided below

1. Any material contained in or derived from this unpublished research may only be  
used by others in their writing with due acknowledgment.
2. IIUM or its library will have the right to make and transmit copies (print or elec-  
tronic) for institutional and academic purpose.
3. The IIUM library will have the right to make, store in a retrieval system and  
supply copies of this unpublished research if requested by other universities and  
research libraries.

By signing this form, I acknowledged that I have read and understand the IIUM  
Intellectual Property Right and Commercialization policy.

By signing this form, I acknowledged that I have read and understand the IIUM Intel-  
lectual Property Right and Commercialization policy.

Affirmed by Mohammad Khalid Hussain

.....  
Signature

.....  
Date

# INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

## DECLARATION OF COPYRIGHT AND AFFIRMATION OF FAIR USE OF UNPUBLISHED RESEARCH

### AN IIUM THESIS LATEX STYLE

I declare that the copyright holder of this thesis is Mohammad Khalid Hussain.

Copyright © 1438 Mohammad Khalid Hussain and International Islamic University Malaysia. All rights reserved.

No part of this unpublished research may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without prior written permission of the copyright holder except as provided below

1. Any material contained in or derived from this unpublished research may only be used by others in their writing with due acknowledgment.
2. IIUM or its library will have the right to make and transmit copies (print or electronic) for institutional and academic purpose.
3. The IIUM library will have the right to make, store in a retrieval system and supply copies of this unpublished research if requested by other universities and research libraries.

By signing this form, I acknowledged that I have read and understand the IIUM Intellectual Property Right and Commercialization policy.

By signing this form, I acknowledged that I have read and understand the IIUM Intellectual Property Right and Commercialization policy.

Affirmed by Mohammad Khalid Hussain

.....  
Signature

.....  
Date

*This template is dedicated to my friends who like  $\text{\LaTeX}$ .*



## ACKNOWLEDGMENTS

All glory is due to Allah, the Almighty, whose Grace and Mercy have been with me throughout the duration of my program.

I am most indebted to my supervisor, Assoc. Prof. Dr. Name, whose enduring disposition, kindness, promptitude, thoroughness and friendship have facilitated the successful completion of my work. I put on record and appreciate his detailed comments, useful suggestions and inspiring queries which have considerably improved this thesis. His brilliant grasp of the aim and content of this work led to his insightful comments, suggestions and queries which helped me a great deal. Despite his commitments, he took time to listen and attend to me whenever requested. The moral support he extended to me is in no doubt a boost that helped in building and writing the draft of this research work. I am also grateful to my co-supervisor, Asst. Prof. Dr. Name, whose support and cooperation contributed to the outcome of this work.

Lastly, my gratitude goes to my beloved wife and lovely children; for their prayers, understanding and endurance while away.

Once again, we glorify Allah for His endless mercy on us one of which is enabling us to successfully round off the efforts of writing this thesis. Alhamdulillah.

## **Abstract**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

# CONTENTS

Cover Page .....	i
Title Page .....	ii
Approval Page.....	iii
Declaration.....	iv
Copyright-Joint .....	v
Copyright-IIUM.....	vi
Copyright-Student.....	vii
Dedication .....	viii
Acknowledgments.....	ix
Abstract .....	x
List of Tables.....	xi
List of Figures .....	xii
 <b>CHAPTER 1: Introduction .....</b>	 <b>1</b>
1.1 Background .....	2
 <b>CHAPTER 2: Literature Review .....</b>	 <b>3</b>
2.1 Types of Things.....	3
2.1.1 First Thing .....	3
2.1.2 Second Thing.....	3
2.1.3 Third Thing.....	4
2.1.3.1 Some Really Small Thing.....	4
 <b>CHAPTER 3: Conclusion .....</b>	 <b>5</b>
<b>REFERENCES.....</b>	<b>6</b>

# LIST OF TABLES

2.1 The Table's Caption .....	4
-------------------------------	---

## **LIST OF FIGURES**

1.1	Masjid al-Nabawi, Medinah.....	1
-----	--------------------------------	---

# Chapter 1

## INTRODUCTION

Lorem ipsum (Partridge, 2011) dolor sit amet, consectetur adipisicing elit. Voluptatem quam, blanditiis, exercitationem repellat corporis quidem consectetur quae excepturi dignissimos sequi ipsa, beatae animi ipsam sit perspiciatis accusantium amet, facere? Rem!

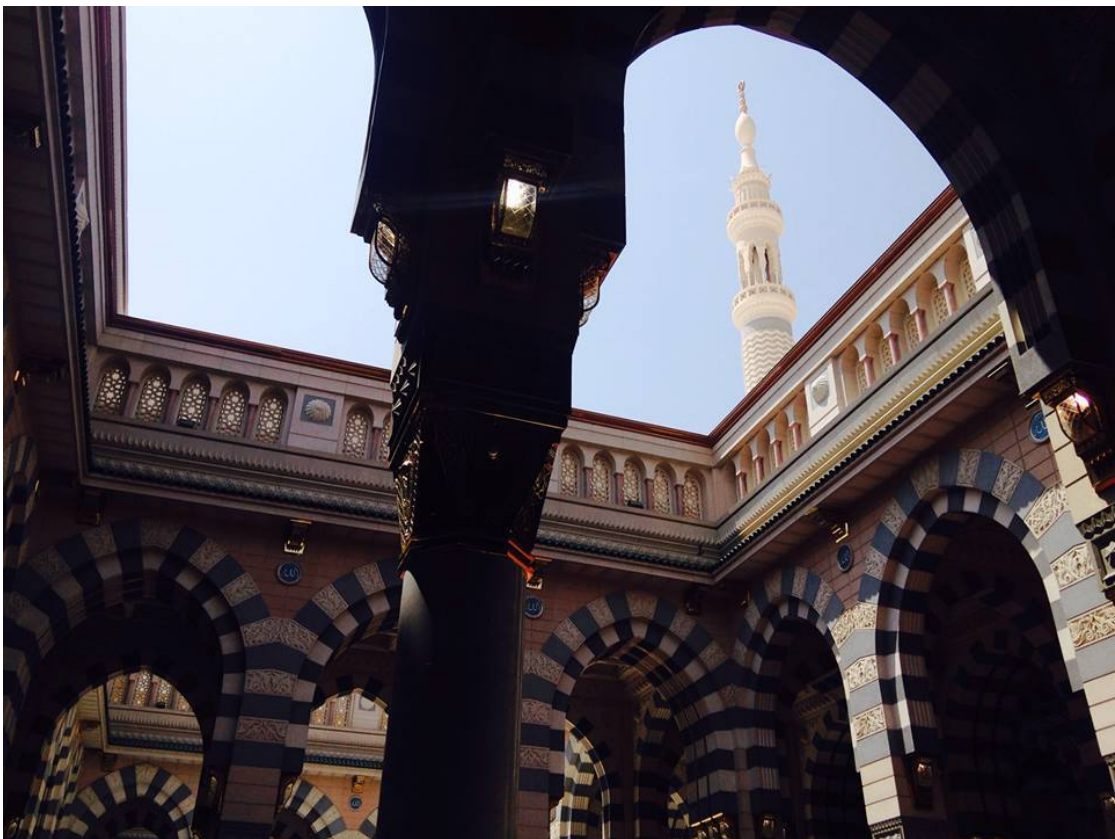


Figure 1.1: Masjid al-Nabawi, Medinah

## 1.1 Background

Menon and Hegde (2015) said Lorem ipsum dolor sit amet, consectetur adipisicing elit. Quasi blanditiis vero placeat, aspernatur voluptatibus reiciendis incidunt suscipit, accusamus aperiam modi, saepe quisquam aliquam harum ipsa! Suscipit aspernatur dolorum nobis, molestiae?

## Chapter 2

# LITERATURE REVIEW

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Fugit assumenda unde ex voluptatem adipisci excepturi, labore obcaecati asperiores expedita deleniti consequuntur, sunt alias cum vero repellat omnis earum nobis! Hic.

### 2.1 Types of Things

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Facilis, similique explicabo. Architecto nam sit dolor vitae accusantium dolore eum reprehenderit repellat debitis harum totam minus, inventore sint corporis magni, aliquam.

#### 2.1.1 First Thing

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Laboriosam nihil a eaque pariatur, vero nobis accusamus voluptates nulla, ipsum, nisi enim. A cum aspernatur, repellat quo ut omnis repellendus cumque!

#### 2.1.2 Second Thing

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Laboriosam nihil a eaque pariatur, vero nobis accusamus voluptates nulla, ipsum, nisi enim. A cum aspernatur, repellat quo ut omnis repellendus cumque!

### 2.1.3 Third Thing

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Laboriosam nihil a eaque pariatur, vero nobis accusamus voluptates nulla, ipsum, nisi enim. A cum aspernatur, repellat quo ut omnis repellendus cumque!

#### 2.1.3.1 Some Really Small Thing

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Cupiditate eius reiciendis tempore nesciunt velit corporis totam iusto fugiat exercitationem veritatis, sit, sint aliquid laudantium consequuntur quasi, architecto obcaecati, ipsam facere!

Table 2.1: The Table's Caption

sdasd	adasdas	sadasds
asdasdasd	dasd	asd
d	dasdas	assdasdasdasdasdasdasdasdasd



## **Chapter 3**

# **CONCLUSION**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Doloremque, veritatis, commodi! Ab molestiae qui modi vero dolorem quam asperiores aliquid, quo nemo, saepe suscipit. Corrupti, saepe. Unde voluptate, sint quasi.

# REFERENCES

- Menon, S. P. & Hegde, N. P. (2015). A survey of tools and applications in big data. In *2015 IEEE 9th International Conference on Intelligent Systems and Control (ISCO)* (pp. 1–7). doi:10.1109/ISCO.2015.7282364
- Partridge, C. (2011). Forty data communications research questions. *ACM SIGCOMM Computer Communication Review*, 41(5), 24–35.