

Documentation Template

ملاحظات قبل قراءة هذا الملف:

- 1 - الهدف: ضمان خروج ال Documentation الخاص بمشروع التخرج بشكل مرضى.
- 2 - **(هام)** هذا الملف ليس ملفا رسميا من الكلية ولا يلزم أى طالب الإلتزام بأى جزء مكتوب فى هذا الملف. هو محاولة فقط للمساعدة فى كتابة ال Documentations.
- 3 - تقريبا عدد صفحات ال Documentation ما بين 80-100 صفحة.
- 4 - تنسيق ال Chapters و تقسيمها ليس ملزما لأحد يمكن تقسيم ال Chapters و العناوين الداخلية بأى شكل آخر يناسب المشروع الخاص بك.
- 5 - جميع الملاحظات المكتوبة باللون الأحمر يجب مسحها عند كتابتك لل Documentation وهدفها فقط توضيح النقطة التى تسبقها.
- 6 - يجب التأكد من أن الخط موحد ويرجى إستخدام "Times New Romans" . وبالنسبة لل Code يمكن إستخدام Calibri و يجب وضع ال Code فى إطار أو جدول.
- 7 - أحجام الخط لابد أن تكون ثابتة على مدار ال Documentation للعناوين و العناوين الفرعية و الكلام العادى.
- 8 - **(هام جدا)** يجب تحويل الملف من أى format إلى PDF قبل إعطائه للمطبعة وذلك لأنه بأى Format آخر من الممكن أن يكون الشكل متغير عند المطبعة مما يحدث أخطاء كثيرة عند الطباعة.



Ain Shams University
Faculty of Computer & Information Sciences
..... Department

Project Title

[On this cover page put a background image suitable for your project]

July 2012

[Sponsor logo if exist]

[ITIDA logo if exist]



Ain Shams University
Faculty of Computer & Information Sciences
..... Department

Project Title

**This documentation submitted as required for the degree of bachelors in
Computer and Information Sciences.**

By

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Acknowledgements

[This is just an example write it as you like. thank what you want in any order]

All praise and thanks to ALLAH, who provided me the ability to complete this work. I hope to accept this work from me.

I am grateful of *my parents* and *my family* who are always providing help and support throughout the whole years of study. I hope I can give that back to them.

I also offer my sincerest gratitude to my supervisors, *Prof. Dr.*, *Dr.* and *T.A.* who have supported me throughout my thesis with their patience, knowledge and experience.

Finally, I would thank my friends and all people who gave me support and encouragement.

Abstract

[The most important page in documentation. In this page you should clarify what is your project about. Very briefly state problem definition, objectives, project steps and conclusion]

Table of Contents

[At the end of each line put page number]

Acknowledgements.....	1
Abstract.....	2
List of Figures.....	
List of Tables.....	
List of Abbreviations.....	
Chapter 1: Introduction.....	
1.1 System Overview.....	
1.1.1 History.....	
1.1.2 Applications.....	
[Gives an introduction to your project.]	
1.2 Problem Definition.....	
[State problem definition in points.]	
1.3 Objectives.....	
[State objectives in points.]	
1.4 Time plan.....	
[State time plan in a chart like Gantt chart.]	
1.5 Documentation Outline.....	
[This is one page stating the rest of documentation. Like chapter 2 talks about ... and chapter 3 talks about... and so on]	
Chapter 2: Background.....	
[The objectives of this chapter are to give the reader the required mathematical background, algorithms required, main components of system and how technology (RFID – Bluetooth – GPS -...) if exist works].	

Chapter 3: System Design and Analysis.....

3.1 System Design.....

3.1.1 ERD Design.....

[ERD design diagram and explain main tables and procedures, fields.]

3.1.2 System Architecture.....

[Architecture design showing main components of the systems and the relations between these components]

3.2 A System Analysis.....

3.1.1 USE Cases.....

3.1.1 Activity Diagrams.....

3.1.1 Sequence Digrams.....

And so on....

[Showing analysis diagrams.]

Chapter 4: System Implementation.....

[Try to classify this chapter to main components. Don't put all code as one unit]

[Showing main classes and main functions and main algorithms you have developed]

Chapter 5: System Testing and Deployment.....

3.1 System Testing.....

[How can I test and run your application. Clarify this with screen shots]

3.2 A System Deployment.....

[What the user should deploy and in which order with details on his PC to run your applications examples SQL - .Net 2010 – Matlab -....]

Chapter 6: Conclusion and Future Work.....

6.1 Conclusion.....

[Summarize your project and states the advantages and disadvantages of your project.]

6.2 Future Work.....

[Open points in your project that can be continued in the next year.]

GLOSSARY.....

[If you have some scientific terms that need explanations like Authentication, Public key and so on...]

TOOLS.....

[Tools used in the project. If you can classify it to hardware and software tools]

REFERENCES.....

[Write books and papers firstly ordered by date then websites. You must refer to references in the documentation].

Examples of how to write references:

If book

[1] William Stalling, “Cryptography and Network Security Principles and Practices”, Fourth Edition, Prentice Hall, November 16, 2005.

If paper

[2] Eslam Gamal Ahmed, Eman Shabaan, Mohamed Hashem, “Lightweight Mutual Authentication Protocol for Low cost RFID Tags”, International Journal of Network Security & Its Application (IJNSA), Academy & Industry Research Collaboration Center (AIRCC), April 2010, Vol.2, No.2, PP.27-37.

If website:

[3] <http://www.buzzle.com/articles/rfid-vs-barcode.html>, Last Retrieved on 27/06/2012.

This date is the last date you visited the website.

List of Figures

[State all figures in your documentation with page number]

Format

Chapter number.Figure number: Figure title.....page number

For example

Figure 1.1: RFID Components.....

Figure 1.2: System Applications.....

List of Tables

[State all tables in your documentation with page number]

Format

Chapter number.Table number: Figure title.....page number

For example

Table 1.1: RFID VS. Barcode.....

Table 1.2: System Advantages and Disadvantages.....

List of Abbreviations

[State all abbreviations in your documentation]

Format

Abbreviation: What Abbreviation means

For example

RFID: Radio Frequency Identification

SQL: Structured Query Language

Chapter One:

Introduction

1.1 System Overview.....	
1.1.1 History.....	
1.1.2 Applications.....	
1.2 Problem Definition.....	
1.3 Objectives.....	
1.4 Time plan.....	
1.5 Documentation Outline.....	

[Repeat this page at the beginning of each chapter with the title and points of each chapter]