

YOUR PROJECT TITLE IN ALL CAPITAL LETTERS

**CPIT 498 First/Final Report**

By

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|  |  |

[Put Student’s Name & ID in table and make table borderless]

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[Fall/Spring Year]

**DECLARATION by AUTHORS**

“I/we certify that this work has not been accepted in substance for any degree, and is not concurrently being submitted for any degree other than that of BS Information Technology being studied at King Abdulaziz University, Jeddah. I/we also declare that this work is the result of my/our own findings and investigations except where otherwise identified by references and that I/we have not plagiarized another’s work”.

[Signature] [Signature]

[Author’s Name] [Author’s Name]

**DECLARATION by SUPERVISOR**

I, the undersigned hereby certify that I have read this project report and finally approve it with recommendation that this report may be submitted by the authors above to the final year project evaluation committee for final evaluation and presentation, in partial fulfillment of the requirements for the degree of BS Information Technology at the Department of Information Technology, Faculty of Computing and Information Technology, King Abdulaziz University, Jeddah.

[Signature]

[Supervisor Name]

Dedication

The Dedication page is optional. If you include it, retain the Dedication heading and enter your text here. If you do not include it, delete the entire page.

Acknowledgement

The Acknowledgement page is optional. If you include it, retain the Acknowledgements heading and enter your text here. If you do not include it, delete the entire page. Be sure to retain the Page Break that occurs after the List of Tables page above.

Abstract

[Enter abstract here, no longer than 400 words. Be sure to retain the Section Break below.]

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# Chapter I: Enter Your Chapter Title Here

Your final report is expected to have 3000 to 4000 words, excluding declarations, dedications, table of contents, list of figures, list of tables, acknowledgements, captions for figures and tables, references and appendices.

General structure of the report is given below. You could use different chapter names and change the order based on the nature of your own project:

1. *[CPIT 498 First Report]* Chapter 1 (Introduction) contains the project background, problem definition, project objectives and proposed solution with appropriate architectural diagram. Indicate the key elements, and project feasibility study in this chapter. Provide the schedule of events using Gantt chart. Also, indicate the tools or software that are to be used in this project.
   1. *[CPIT 498 Final Report]* In the CPIT 498 final report, provide the following subsections:
      1. Contribution Breakdown indicating what each member of the group contributed.
      2. Summary of Changes indicating what changes have been made from CPIT 498 first report.
2. *[CPIT 498 First Report]* Chapter 2 (Literature Survey): Consider at least five similar works and describe what they have achieved, along with their shortcomings. Clarify the difference of the referred literature from yours.
3. *[CPIT 498 Final Report]* Chapter 3 (Analysis and Design): Describe in detail about the functional and non-functional requirements. There should be at least four functional and three non-functional requirements. Provide stakeholders, actors, use case diagram. Map the functional requirements to the use cases using traceability matrix.
4. *[CPIT 498 Final Report]* Chapter 4 (Methodology): Describe the methodology being used. Indicate the tools used to do the design along with limitations. Describe the ER diagrams, sequence diagrams, class diagram, object diagram, etc appropriate to the methodology chosen.
5. *[CPIT 498 Final Report]* Chapter 5 (Interfaces): Provide basic interfaces along with some descriptions.
6. *[CPIT 498 First and Final Report]* References should follow the IEEE standards. All references should be cited within the text.
7. *[CPIT 498 Final Report]* Appendix: Attach a blank questionnaire, screenshot of online results, Interview review form, Observation, Visit notes, document analysis, etc.

You are free to break down this number as per your own requirement of words for the chapters you decide to include in the report. Please note that, these are very general titles of chapters, therefore you are advised to name the chapters as per your project, including headings for any sections and subsections.

The template makes use of a feature in Word called “styles”. A “style” is a named set of formatting characteristics (similar to the way a vehicle style is named “Mustang” or “Bronco” or “Explorer”). The heading above uses “Heading 1” or “Chapter 1 – Heading 1” style (depending on your Word version); its characteristics are 16 pt font, bold, centered, etc. Other styles are used in other parts of this document; for example: “Heading 2” is for first-level subheads, and “Body Text” is for 1.5-spaced paragraph text.

Using styles has many benefits, especially in a long document:

* The Table of Contents is created automatically (just right-click and Update Field. If a window pops up, select “Update entire table” and click OK).
* It creates a framework that produces a structured document.
* YOU can easily make “global” changes in your document. (If you modify a style in the Style Menu, the changes are applied to all occurrences of that style.)

Margins on each side of the page should be 2.54 cm.

You are advised to keep the contents in the main body up to the heading level 1.1.1, 1.1.2 etc, where appropriate and avoid writing the contents in the lower levels like, 1.1.1.1, 1.1.1.2 etc.

You must submit your source and executable code on a CDROM and if applicable then also include the user manual of your software in order to let the user know, how to use it.

You are advised to submit two copies of final report in soft binding (دیلجت ينوزلح) along with electronic version to the course instructor in doc format. The name of the file, must be your IDs of your group members. For example, if there are three members with IDs, 1102349, 1120908, 1122098 then you must name your file, as FinalReport-1102349-1120908-1122098.docx. The subject of your email must be kept as the subject i.e. CPIT 499 Final Report-Title of your Project.

The front cover of the final hard copy version of the final report should be in Blue color.

Contact the Senior Project Committee members for any help.

## First-level Subhead (Heading 2 style)

All first-level subheads in the template use Heading 2 style. To add another subhead level inside a Heading 2 section, use Heading 3 as shown below.

### Second-level Subhead (Heading 3 style)

All second-level subheads in the template use Heading 3. To add another subhead level inside a Heading 3 section, use Heading 4 as shown below.

#### Third-level Subhead (Heading 4 style)

Headings 1-5 can be used in the chapters of your document.

## Adding Captions to Figures and Tables

Sample figures and tables are included in this template to show how they automatically generate entries in the List of Figures and List of Tables. For each figure and table in your document, you will need to insert a caption. Make sure that all tables and figures are explained within the text, and referred appropriately.

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Figure 1.1 First Figure in Chapter 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A-D | A | B | C | D |
| 1 | A1 | B1 | C1 | D1 |
| 2 | A2 | B2 | C2 | D2 |
| 3 | A3 | B3 | C3 | D3 |

Table 1.1 First Table in Chapter 1. It uses a style of Table Text, which is single-spaced and has no paragraph indent.

# Chapter II: Enter Your Chapter Title Here

This chapter is included to show a few more examples of headings, subheads, figures, and tables. You can add as many chapters as needed for your final report.

## Subhead (Heading 2 style)

As in Chapter 1, Heading 2 style is used for first-level subheads. Use Heading 3 and Heading 4 for second- and third-level subheads.



Figure 2.1 First Figure in Chapter 2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Section | E | F | G | H |
| 1 | E1 | F1 | G1 | H1 |
| 2 | E2 | F2 | G2 | H2 |
| 3 | E3 | F3 | G3 | H3 |

Table 2.1 First Table in Chapter 2. It also uses the style of Table Text.

The figure and table captions above are automatically added to the List of Figures and List of Tables, respectively. (To update the List of Figures and/or List of Tables, put your cursor inside the list you want, right-click, and select “Update Field”. If a window pops up, select “Update entire table” and click OK.)

# Enter Your Chapter Title Here

If you need additional chapters, follow these steps:

1. Insert a Page Break.
2. Type the headline that you want in regular text, indicate the chapter number appropriately.
3. Select the text and apply a “Heading 1” style.

References Or Bibliography (choose one)

Include a separate chapter for your references or bibliography. This chapter should be titled either “References” or “Bibliography”. (“Page Heading TOC” style is used for the heading.) Items in the bibliography use the “Bibliography” style, which has single spacing and is listed, as shown in the examples below.

[1] E. Ahmed, Liu Jie Yao, M. Shiraz, A. Gani, and S. Ali, “Fuzzy-based spectrum handoff and Channel selection for Cognitive Radio Networks,” presented at the Computer, Control, Informatics and Its Applications (IC3INA), 2013 International Conference on, 2013, pp. 23–28.

[2] A. G. Fragkiadakis, E. Z. Tragos, and I. G. Askoxylakis, “A Survey on Security Threats and Detection Techniques in Cognitive Radio Networks,” Commun. Surv. Tutorials IEEE, vol. 15, no. 1, pp. 428–445, First Quarter 2013.

[3] M. Youssef, M. Ibrahim, M. Abdelatif, Lin Chen, and A. V. Vasilakos, “Routing Metrics of Cognitive Radio Networks: A Survey,” Commun. Surv. Tutorials IEEE, vol. 16, no. 1, pp. 92–109, First Quarter 2014.

The “Bibliography” style does not automatically format your citations into a specific citation style, such as American Psychological Association (APA), Modern Language Association (MLA), etc. You must enter your citations in IEEE style. You could use bibliographic management software such as EndNote or RefWorks or Zotero.

###### Enter Your Appendix Title Here

Appendices must use alphabetical letters (A, B, C, etc.) instead of numbers. For this reason, the Appendix style at the top of this page is “Heading 6” or “Appendix A - Heading 6” (depending on your Word version). Headings 6-9 are reserved for the Appendix sections.

First-level Appendix Subhead (Heading 7 style)

Within an appendix, Heading 7 is the style to use for all first-level subheads. If you need to add another subhead level within Heading 7, use Heading 8 as shown below.

Second-level Appendix Subhead (Heading 8 style)

Use Heading 8 for all second-level subheads within an appendix. If you need to add another subhead level within Heading 8, use Heading 9 as shown below.

Third-level Appendix Subhead (Heading 9 style)

If you need a third-level subhead in an appendix, use Heading 9.

Figures and Tables within Appendices

When you first add a figure or table to an appendix, it will be numbered as though it were in a regular chapter. (Example: When the figure below was first inserted, it said “Figure 4.1” but it’s required to display as “Figure A.1”.)

MP00640_

Figure A.1 First Figure in Appendix A

###### Enter Your Appendix Title Here

If you need additional appendices, follow these steps:

1. Insert a Page Break.
2. Type the headline that you want in regular text.
3. Select the text and apply a “Heading 6” style.