A Short Guide to Writing Your Final Year Project Report

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Abstract

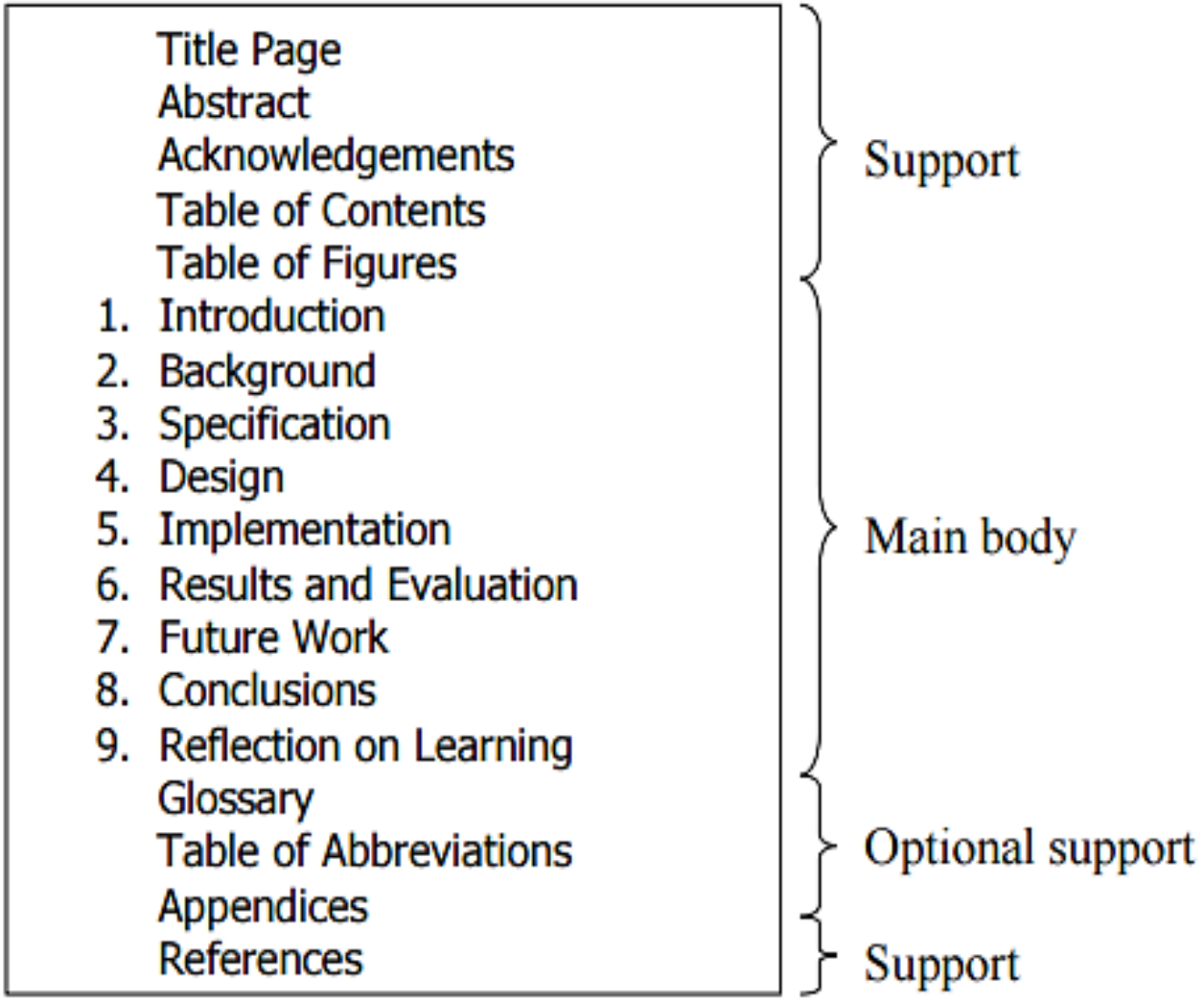
This guide is intended to help you produce a good final year project report

1) It gives advice on how to **gather relevant material**,
2) how to organise it into a suitable form
3) how to then turn it into a written project report
4) It also describes the conventions that should govern the structure of the report
5) suggests some descriptive devices that you can use to make it more effective.
6) A summary of the guidelines is given at the end

Arranging Material and Structuring the Project Report

1) The Title
2) Abstract
3) The “Introduction”
4) The “Background”
5) The “Implementation”
6) The “Results and Evaluation”
7) The “Future Work”
8) The “Conclusions”
9) The “References”

A More Usual Structure of Project



The “Introduction”

Normally it should include such things as:

- the aim(s) or goal(s) of the project;
- the intended audience of the work done;
- the scope of the project;
- the approach used in carrying out the project;

The “Introduction”

Example 1:

Aim:

The aim of this project is to develop software for the improved planning of the routing of delivery vehicles to customer locations, that reflects the predict availability of each customer to receive goods.

The “Background”

Normally it should include such things as:

1) the wider context of the project;
2) the problem that has been identified;
3) any theory associated with the problem area;
4) the approach to be adopted;
5) existing solutions relevant to the problem area,

The “Specification & Design”

1) the model of the software;
2) the user interface;
3) the dynamic behaviour of the system;
4) how data flows through the system;
5) what data types are implemented in the system;
6) what algorithms are implemented in the system;

The “Implementation”

1) Do not attempt to describe all the code in the system,
2) do not include large pieces of code in this section. Complete source code should be provided separately (Appendix).
3) Instead pick out and describe just the pieces of code which you feel might be of particular interest to the reader for some reason;

The “Results and Evaluation”

In this section you should describe to what extent you achieved your goals.

1) You should describe how you demonstrated that the system works as intended.
2) Include comprehensible summaries of the results of all critical tests that were carried out.
3) You might not have had the time to carry out any full tests
4) You may not even got as far as producing a testable system.

The “Future Work”

It is quite likely that by the end of your project you will not have achieved all that you planned at the start; and in any case, your ideas will have grown during the course of the project beyond what you could hope to do within the available time.

The “Conclusions”

The Conclusions section should be a summary of the aims of project and a restatement of its main results, i.e. what has been learnt and what it has achieved.

The “References”

In Section 2 we said that you should relate your work to that of other people.
Other work explicitly cited should be listed in the Reference section and referred to in the text using some kind of key.

The “References”

11. Raed I. Hamed. Design Computational Approach to Model and Simulate of Genes Regulation Levels. International Journal of Computational Intelligence and Soft Computing, Volume 1, Issue 1, January 14, 2016.

2. Raed I. Hamed. Inferring Gene Interactions from Microarray Gene Expression Data Using Fuzzy Petri Net. IEEE International Conference on Communication, Control and Computing Technologies (ICCCCT-2010), **(*IEEE Xplore*),** Syed Ammal Engineering College, Ramanathapuram and Kanyakumari, Tamilnadu, India. October 7-9, 2010.

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