**Final Year Project I & Final Year Project II (Report)**

1. **Title Page**

The title page must contain the information required by the "Organization/ Requirements" section.

1. **Abstract**

The abstract is a summary of the report in 100 to 200 words. It should summarize the topic area of the report, the main achievements, the results and the conclusions. Note, the focus of the abstract is the contents of the report and not the project.

1. **Acknowledgements**

Acknowledgements are an opportunity to give polite thanks for any help and encouragement that you have received in connection with your project. One may choose to mention university staff, supervisors, industrial sponsors, fellow students, friends, parents and possibly others.

1. **Table of contents**

This should list all the chapters, sections, and subsections of the report giving the page number on which each starts. Word processors normally generate this automatically.

1. **Introduction**
2. Purpose of the project

This should describe the purpose of the project and discuss it.

1. Scope of the project

This should describe the scope of the project and discuss it along with aims and objectives.

1. Overview of the project

This is the detailed overview of the project; including literature review will be conducted.

1. **Requirements Analysis**
   1. Domain requirements

It is required to gather needs and expectations of application stakeholders; and providing a complete description of the behavior of the application.

* 1. Functional requirements

It is required to capture what the software needs to do to support a business user. It describes the behavior of the system.

* 1. Non-functional requirements

It is required to specify criteria that can be used to judge the operation of the system; constraints on the system and some of its quality aspects

1. **Designing Issues**
   1. Software development model

These are the various processes or methodologies that are being selected for the development of the project depending on the project’s aims and objectives. There are many development life cycle models that have been developed in order to achieve different required objectives. The models specify the various stages of the process and the order in which they are carried out.

* 1. Software development tools

It is a [computer program](http://en.wikipedia.org/wiki/Computer_program) that [software developers](http://en.wikipedia.org/wiki/Software_developer) use to create, debug, maintain, or otherwise support other programs and applications.

* 1. Architectural design

It is the design process for identifying the sub-systems making up a system and the framework for sub-system control and communication.

1. **Implementation**

Screen shots of software application.

1. **Testing (if any)**
   1. Test plan

It is detailing a systematic approach to testing a system such as a machine or software. The plan typically contains a detailed understanding of the eventual workflow.

* 1. Test-design specification

It is specifying the test conditions (coverage items) for a test item, the detailed test approach and identifying the associated high level test cases.

* 1. Test-case specification

It is specifying a set of test cases (objective, inputs, test actions, expected results, and execution preconditions) for a test item.

1. **Conclusion**

It is summary of the main points made in project overview and review of the literature. Review (very briefly) the implementation work done and repeat (in abbreviated form) your findings. Mention the limitations of your research (due to its scope or its weaknesses) and offer suggestions for future research related to yours project.

1. **References**

References usually come at the end of a text and should contain only those works cited within the text. Use IEEE format of the scientific work used in the report.

http://www.researchomatic.com/ieee-citation-generator/