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**Graduation project (1)**

**Project title/group number**

**Students names/ID Numbers**

**Supervisor name**

**Abstract**

In this section a brief abstract about your project should be included. Abstract should answer three main questions: What you are solving, why you are solving this problem and how you will solve it. Abstract should be one paragraph or around 10 lines.

1. **Introduction and background**

In this section a general introduction and background of the problem, its effect on the world and what is the importance to find a solution of this problem should be included. Students should start explaining the problem and its impact on different engineering applications. In the next step, an explanation of different engineering methods that have been used to solve this problem, methods advantages and drawbacks should be explained. On the third place an explanation of the report sections should be included. This section should be around 3-4 pages. Every method explained in this section or any scientific data should be referenced.

1. **Problem statement**

In this section a direct and very well written explanation of the problem to be solved, how you will solve it and expected outcomes should be included; this section should be around half a page.

1. **Research methodology**

In this section a general description of the technique/ software/simulation/ experimental design that will be used to solve this problem should be explained in details. In this section, every written statement should be clear, not confusing, logical and understandable. Using flowcharts, block diagrams and illustration Figures can help and add more additives to the report. Initial designs, simulations and results can be included in this section as well. This section can be around 3-4 pages.

1. **Concluding remarks**

This section should include two main points. The first one is to conclude what written before in the report, mentioning the problem you are solving and the method you used. Future work/next phase of the project should be included as a second point. No references can be included in this section.

**References list**

Please follow the IEEE referencing style.