

**IZMIR UNIVERSITY OF ECONOMICS
FACULTY OF ENGINEERING
XXX ENGINEERING**

FENG 497(498) PROJECT REPORT



PROJECT TITLE

Author(s): ...

Supervisor: ...

OUTLINE

Title page

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1. Abstract

Answer the following questions as briefly as possible (1 page maximum).

- What did you do in your project?
- What was the motivation?
- What method did you use?
- What results did you get?
- What do your results mean?

2. Introduction

Provide basic information about the background of your topic (2 pages maximum)

2.1. Problem Statement

Explain the problem that you are trying to solve (1 paragraph maximum).

2.2. Motivation

Justify why the problem you are trying to solve is important. What are the practical advantages of this particular field? Explain (2 paragraphs maximum).

These parts can be copied from your FENG 497 proposal if seen fit by your project supervisor.

3. Literature Review

Mention previous studies in the same field and compare your work to these studies in terms of content and methodology (3 pages minimum – no upper limit for number of pages)

This part can be copied from your FENG 497 proposal if seen fit by your project supervisor.

4. Methodology

Explain your method in detail. Remember, the purpose of writing a methodology section is to ensure that the readers can replicate the exact same method on their own. If your method is complicated or long, you are encouraged to divide this section into sub-sections (4.1. , 4.2, etc.). You may use figures or tables if necessary. (no page limitations)

5. Results and Discussion (this part is optional for FENG 497 – if you do not have any results, then this part may be removed)

Provide your main results – preferably in the form of figures or tables. Please provide captions for each figure and table. Then, discuss your results in terms of their similarity to previous work, consistency with the literature, practical implications, etc. Try to explain the reasons that led to your results to appear as they do. Remember, this section should answer the following three questions:

- What did you find?
- What is the scientific and practical meaning of your results?
- What are the factors that influence your results and how?

There is no page limitation for this section.

6. Conclusions

Briefly summarize your method and your results. Mention any possible shortcomings of your approach – and what can be done in the future to improve your results. It does not necessarily mean that you will be doing any future work, just make recommendations for others (no more than 2 pages).

7. References

Make a list of scientific papers, books, websites, or any other material that you made use of while preparing this report. In the main text, give a number to each reference starting from [1]. Using the “Insert Citation” and “Insert Bibliography” options found in the “References (Kaynaklar)” tab of Microsoft Word can be helpful. There is no single format for citations as long as they are all uniform. For those of you who choose to prepare the reference list manually, please use the following format:

Book: Ozturk A., Celik B., “This Is A Book”, RTC Publishing, 2nd edition, Turkey, 2015.

Journal article: Ozturk A., Celik B., “This is a journal article”, *Food Engineering Journal*, vol. 125 pp. 17-24, 2016.

Web Site: “How to Write a Scientific Report”, as appears on www.khgkdhfgkdf.com, accessed on April 3rd, 2018.

8. Appendix

This section is optional. If your method is too long or if you have too many raw results, you may present the less-than-important details here. A good example of what to include in Appendix is as follows: Let’s imagine you are using a software for your project. The algorithm should be

included in the Methodology part in the main body of your report, but the code (which can be hundreds of lines) should be presented in the Appendix.

General Rules:

- Use Times New Roman, 12-font, 1.5 spacing (0 pt) throughout your report.
- Please insert table captions above the tables, but the figure captions should go below the figures. Using the “Insert Caption” option of the “References” tab in Microsoft Word would be helpful for this purpose.
- The deadline for FENG 497 report submission is January 6th, 2020.
- The project presentations will take place on January 14th, 2020.