

ENGR 1: Team project 2

In the last assignment you were given the option to choose a societal problem that needs an engineering solution and propose an implementation to address the issue. In this assignment the problem is assigned to you and you need to come up with the solution.

The problem you need to solve has been sent to you by email along with the team members for this project. Your team members have been randomly chosen by the instructor; you should contact your team as soon as possible. Talk to the instructor if you don't have the contact information of your teammates. Contribution of each team member should be around 25%.

The first page of the report is reserved for your project's work breakdown structure. The team should designate a team leader and possibly an editor. The paper should include a list of references.

You need to discuss each one of the features or components of the system you are proposing to solve the problem.

The following organization is **required**:

Abstract: A brief summary of your article to help the reader quickly ascertain the paper's purpose and scope. The abstract is typically one paragraph.

Introduction: Justify and inform the reader about the rationale behind the work, the system you are designing and the problem you are trying to solve.

Body (the body consists of one or multiple sections, do not call it "body", it should have a descriptive name): Include discussions in more details about the solution you are suggesting and the product you are developing. You need to discuss each one of the **features or components of the system** you are proposing to solve the problem.

What is the innovation in your proposed solution? How is it different from others? Etc.

It is very important to include illustrations such as figures, charts, and **block diagrams**. Each illustration should have a number and a title. Refer to the illustrations in the text by their number.

Conclusion: The take home message. The conclusion is typically one paragraph.

Reference: Cite articles and websites you used as reference. You must refer to these in the paper.

Some guidelines:

- The report should have a title, the authors' names and the submission date
- Use Times New Roman 11pt or similar font
- Use 1.5 spacing
- Use 1 inch margins (top, bottom, left and right)
- Word count: about 3000 words **not including references and WBS**.
- Do not plagiarize, work with your teammates.

Grading rubric:

Your report will be graded based on the following criteria

- Formatting,
- Organization,
- Content,
- Grammar, spelling, punctuation,
- Use of figures, graphs and tables,

- Conclusion,
- References.

Note that:

- Plagiarism will not be tolerated.
- Include references at the end of the paper. Websites are not enough; you need to use books and peer reviewed articles published in engineering journals (online journals are OK)
- Online submission by Canvas is required. No paper submission, 1 submission per team.