

EEE3097S 2023 ASSIGNMENT 1: PAPER DESIGN

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|---------------------------------|------------------------------------|
| Due | 14 th Aug 2022 11:55 PM |
| Number of resubmissions allowed | 3 |
| Accept Resubmission Until | 19 th Aug 2022 11:55 PM |
| Grade Scale: | Points (max 40.00) |

Assignment Instructions

Submission Requirements

Please submit your Paper Design for your report. In it, you should specify the following (in no particular order):

- **Table listing individual contributions.**
- **Requirement Analysis**
 - Interpretation of the requirements
 - Comparison of some possible implementation
 - Feasibility analysis
 - Possible bottlenecks
- **Subsystem Design**
 - Subsystem and Sub-subsystems Requirements
 - Subsystem and Sub-subsystems Specifications
 - Inter-Subsystem and Inter-Sub-subsystems Interactions
 - UML or OP Diagrams
- **Acceptance Test Procedure**
 - Figures of merits based on which you would validate your final design.
 - Experiment design to test these figures of merit.
 - Acceptable performance definition
- **Development timeline**

In your submission, please include a Project Management page from the tool you chose for this.

Don't forget to reference!

Rubric

| | Marks | Weight |
|------------------------------|-------|--------|
| Introduction & Req. Analysis | 12 | 30% |
| Subsystem Design | 12 | 30% |
| ATP | 8 | 20% |
| Timeline and PM Page | 4 | 10% |
| Matlab onramps | 2 | 5% |
| Weekly review reports | 2 | 5% |
| Total | 40 | 100% |

Extras

- Name your submission as follows (or lose **5%**):
EEE3097S_2023_PAPER_DESIGN_GROUP_#_STDNUM001_STDNUM002_S
TDNUM003.pdf
- You will have 3 resubmissions.
- Late penalty will be 5% per day, until 5 days after the due date, when you will no longer be able to submit your document.