Draft Proposal

Together, **please read everything through, including the RUBRIC**, and clarify any questions you have, BEFORE beginning any work.

The rubric totals 50 pts, but the draft assignment will be worth 10 pts. The same rubric will be used for the final proposal which will be worth 50 pts.

Each group should create their draft proposal as a **Google Document** in the following manner:

* + 1. Introduction
    2. Problem Statement
    3. Research Objectives
    4. Literature Review
    5. Methodology
    6. Research Timeline
    7. Conclusion/Summary
    8. References
    9. Figures/Tables etc
  + At the end of the report, add a potential break-down of work. i.e. what each person is planned to do throughout the project (note: this might change as the project progresses)
* In addition
  + correct all language (grammar, punctuation, spelling, vocabulary) errors
  + format the paper according to IEEE guidelines
  + improve the overall flow of the paper by improving
    1. the thesis statement (one or more sentences in the Introduction which, itself, could be more than one paragraph)
    2. each paragraph's
       1. topic sentence
       2. unity
       3. coherence
       4. development & details
    3. transitions between paragraphs and between different sections of the proposal
    4. logical connectors that further the underlying arguments, especially in the LR
  + check that there is no plagiarism
    1. anything directly copied and pasted is given in quotations with the relevant citation including pg # when available
    2. anything paraphrased has the accompanying citation
  + check that all citations are numbered **in sequential order** in the text and reorder the references and number them accordingly
  + Save your Google document as a **Word document** "Group #\_DraftProposal' , give a cover page indicating the ID# of each group member and what s/he was chiefly responsible for doing, and have the group leader upload to Moodle by Friday, February 8th

NOTE: you have to submit the final proposal to the Moodle course page for FYP project. Marks you obtained for the final proposal and the proposal presentation will be counted for this module as well. I.e., marks for this module is calculated using all the assignments given, the draft proposal submitted here, final proposal and the proposal presentation.

## Individual submission - Evaluation

Each person select two prominent papers related to your research problem, and answer the following questions:

Is it based on empirical evaluation and data?

•Was the experiment designed correctly?

•Is it based on a toy or a real situation?

•Were the measurements used appropriate for the goals of the experiment?

•Was the experiment run for a long enough time?

## Group submission - evaluation

As a group, devise the evaluation plan for your research.

Refer to the individual assignment you did, and discuss the possible options for evaluating your research. Focus on evaluation metrics you are going to use, data sources (if needed), etc.

Empirical evaluation and data - 5 points

The results of experiments vary from the theory related to the experiment in reality. Empirical experiments are very important and play vital role research.

The experiment designed correctly - 10 points

The plan of the experiment should be well organized and designed to make the experiment success. If this part is not done well, it may be needed to revise and redo the experiment in the middle or fail the research will fail and just be a path that fellow researchers can avoid to take. However, the timeline part can be managed to be accomplished.

A toy or a real situation – 0 points

This cannot be considered as an evaluation metrics as some research can only be conducted with prototypes and toys. Toys are used often in scenarios when the budget is not affordable.

Appropriate measurements used – 5 points

The research done after the measurement selection is like the soul of the FYP and the largest portion of the whole research values the research.

The experiment run for a long enough with considerable data – 5 points

It is obvious that without enough amount of data, outcomes of any research will be useless its conclusions will not be valid.

Assumptions and theoretical conclusions are supported by enough arguments – 10 points

Assumptions should not be taken with no enough arguments and it is not good for research and makes its outcomes worse.

The experiment was done over enough data and samples – 10 points

The inputs and the samples are the feeds for an experiment. The more of inputs and samples the more accurate the conclusion and outcomes.

The research path related to the proposed scope throughout – 10 points

It is important because the student should have known what they are doing. But it should be considered if it is changed in the middle.

The research completed and finalized on time – 5 points

The students should practise delivering in a timely manner.

The final report – 30 points

This is given with a huge amount of points as it should be measured and evaluated based on academic writing capability, and whether the research is summarized well in the report.

The mid evaluation – 10 points

The mid evaluation is expected to be done considering all the above criteria but just for 10 out of 100 of the FYP value.