Project Proposal Instructions   2021-2022 Spring Semester

Submission Due: 11:59pm on March 2 (Wed)

Submission: Send a PDF file to ai6127.assignments@gmail.com with title "PP-[GroupName]"

1. **Group size**: Each group should have 1~5 people. The bigger group is expected to show the 'better' works both quantitatively and qualitatively.
   a. Please register your group at https://docs.google.com/spreadsheets/d/1nX7lzV3GPucZHcg3rpBbIM5pCQRj5s53ozWDYlzvgfY/edit?usp=sharing
2. Proposal contents:
   a. **Title**: The title of your project
   b. **Group members**: The names and NTU email addresses of all group members
   c. **Goals/Objectives**: Describe the goals of your project in terms of a scientific question you are trying to answer
      i. e.g., your goal may be to investigate whether a particular model or technique performs well at a certain task, or whether you can improve a particular model by adding some new variant, or you might have some particular hypothesis that you seek to confirm or disprove. Otherwise, your goal may be simply to successfully implement a complex neural model, and show that it performs well on a given task.
   d. **Motivation**: Describe what motivate you to choose this goal
      i. Why do you think it is important, interesting, challenging and/or likely to succeed?
   e. **NLP tasks**: What NLP tasks/applications do you intend to consider for your model?
      i. Describe the task clearly. (i.e., give an example of an input and an output, if applicable)
   f. **Data**: The dataset(s) you will use.
      i. What kind of preprocessing they need.
      ii. If you plan to collect your own data, describe how you will do that and how long you expect it to take.
   g. **Neural Models**: Describe the models and/or techniques you plan to use.
      i. Make it clear which parts you plan to implement yourself, and which parts you will download from elsewhere. If there is any part of your planned method that is original, make it clear.
   h. **Baseline**(s): What baselines will you use to compare your model with?
      i. Make it clear if these will be implemented by you, downloaded from elsewhere, or if you will just compare with previously published scores.
   i. **Evaluation**: How will you evaluate your results?
      i. Specify at least one well-defined, numerical, automatic evaluation metric you will use for quantitative evaluation. What existing scores will you be comparing against for this metric?
      ii. For example, if you're reimplementing or extending a method, state what score(s) the original method achieved; if you're applying an existing method to a new task, mention the state-of-the-art performance on the new task, and say something about how you expect your method to perform compared to other approaches.
      iii. If you have any particular ideas about the qualitative evaluation you will do, you can describe that too.

3. **Page limit**: 2 pages with font size 11 and with 2 columns.
    a. You are encouraged to use the following template (without abstract):
       https://github.com/acl-org/acl-style-files