Progress Report for *[project name goes here]*

CS 175 Winter 2021

List of Team Members:

Name1, studentID, uci_email_address
Name2, studentID, uci_email_address
Name3, studentID, uci_email_address

Please save your final version as a pdf file and have one team member upload a copy to Canvas by 11:59 pm on Sunday February 21st. Please put your project name in the filename for your document.

Remove all blue text and replace with your own text.

Length should be about 3 to 5 pages: if you go over a little that's ok. If you want to add additional details in an Appendix that is fine, but be sure to put the important material in the report.

Be sure to address any question or comments that were raised in your project proposal.

1. Project Summary

- *This should be short (2 to 3 sentence) high-level summary of what your project is about. You can use the same (or similar) text as your proposal text – but feel free to improve it and/or to update it, particularly if have a better idea of what your proposal is about since the time you wrote your proposal.*
- *You could start with a sentence that clearly defines the problem, e.g., "We investigate the problem of ….." And you could then follow this with a summary of your technical approach, e.g., "To address this problem we will use ….." and "We will evaluate our approach using.."*

2. Team Accomplishments

- *This should be a bulleted list (4 to 6 bullets) of your major accomplishments as a team so far*
- *Each bullet should be short and to the point (e.g., 1 sentence)*
- *Examples could be*
    - *Conducted research on our technical approach by reading and discussing 3 research papers and 4 tutorial blog articles*
    - *Downloaded and 500,000 product reviews from ZZZ and wrote and tested code to preprocess the data to create tokenized sequences for input to RNN code*
    - *Read the documentation for the RNN code from YYY and wrote scripts to import data, fit models, and make predictions on test data*
    - *Began experiments with the XXX code from YYY using small subsets of 10k reviews*
    - *Achieved initial average cross-validated classification accuracy of 75% with our subset data compared with 60% for predicting the majority class*
    - *Conducted initial manual analysis of errors that the classifier is predicting*

3. Technical Approach

- *Here you provide a detailed description of your technical approach, about 1 to 1.5 pages. This section will typically be more detailed and longer than what you had in your original proposal (unless your proposal was already pretty detailed).*
- *You can re-use some of the text from your original proposal if you wish.*
- *Be sure to provide details of what you are doing, e.g., if you are using neural networks (for example) then describe what type of neural networks.*
- *If you are using multiple different technical approaches you could break this section into subsections. Pay attention in particular to any details that you were asked to clarify in your original proposal.*
- *If the system you are building can be thought of as a pipeline with multiple components feel free to provide a figure that illustrates the pipeline with blocks for different components and brief descriptions of each component (e.g., the names of algorithms or methods you plan to evaluate). Make sure it is clear what your pipeline or system is doing, i.e., what each component will do in terms of taking inputs and producing outputs. Some components may be sequential, others may be relatively independent "parallel" parts of a project.*

4. Data Sets

- *This should have quite a bit more detail than what was in your proposal – make sure you include relevant details about the data (e.g., number of docs, tokenization methods you are using, using stopword lists (or not), vocabulary size, etc)*
- *Figures and tables are encouraged.*
- *Be sure to explain how you are getting the data, e.g., URL reference to a public site, what API you are using if you are using an API, plan for getting human labels if you are labeling data, etc.*

5. Experiments and Evaluation

- *Clearly describe your overall plan for evaluation, e.g., cross-validation, user studies, etc. Provide relevant details if you can, e.g., sizes of train/test splits, estimated number of users that will participate in your study.*
- *Separate this into two parts:*
    - *(1) experiments you have completed (if any), and*
    - *(2) experiments that are planned.*
- *For part (1), if you have only done informal evaluation up to this point (e.g., checking that what you have done so far) that is fine, just summarize what you have done.*

6. Software

- *Clearly provide a list of the major pieces of project software you are using (or plan to use), divided into 2 sets: (1) publicly-available code, and (2) code will write yourself.*
- *Indicate which (if any) of this software has been written/debugged/tested or installed and tested (for code written by others).*
- *You may want to use a table to summarize this information.*

7. Lessons Learned and Challenges Identified

- *List at least 2 lessons learned or challenges that you have encountered so far in the project (e.g., algorithms are taking too long to run, or there is not enough labeled data available, its difficult to get enough data to train an RNN effectively, and so on).*

8. Updated Milestones

Your best estimate of what you aim to have completed at the end of each of the 3 remaining weeks:

- *End of Week 8*
- *End of Week 9*
- *End of Week 10*

9. Individual Student Accomplishments

Summarize briefly below what each student has accomplished since the project started (2 or 3 sentences each). This should be consistent with the items listed in Section 2 for team accomplishments, There may be common elements here (i.e., items that multiple people worked on): if so provide a rough indication of what percentage of the task each person put into it (if its roughly even you can use 33% (or 50%) to indicate equal contributions).

Name 1:

-
-

Name 2:

-
-

Name 3:

-
-

Add References and Appendices here if any