CSE598: OPERATIONALIZING DEEP LEARNING: A SOCIOTECHNICAL PERSPECTIVE PROJECT GUIDELINES

1 PROJECT MILESTONES

The culminating project for the course will involve operationalizing deep learning in an application of interest to students. The major milestones are outlined in Table 1

Table 1: Project milestones

Milestones	Due Date	Marks
Team formation and idea submission	02/11/2024 midnight	0%
Project progress presentation	02/26/2024 morning 02/28/2024 morning	10%
Project final presentation	04/22/2024 morning 04/24/2024 morning	10%
Final report submission	04/30/2024 midnight	15%

2 TEAM FORMATION AND IDEA SUBMISSION

Each team should consist of **five** members. Teams with members less than five is permitted after obtaining an email approval from the IA (atricham@asu.edu). However, we always encourage each group to have five members as we consider the workload of five students when grading. Clearly identify a team leader. The team leader is responsible for the smooth continuation of the project and also submission of all required presentations and reports. If the teaching team needs to contact the team, the team leader would be the point of contact. Please note that the teaching team will not assign teams. If you are looking for more members or if you are looking for a group, you may use **Sheet 4** in the link: CSE598: Presentation & Project Teams.

Students are required to submit their group details along with the project idea in **Sheet 2** using the following link: CSE598: Presentation & Project Teams by **02/11/2024**. A sample group has been provided to illustrate the required submission format. The approval status tab within the sheet will indicate whether the idea has been approved by the teaching team or if it requires some updates. We will update the approval information after 02/11/2024.

Students are encouraged to come up with their own ideas for the project. However, in case students find it challenging to come up with ideas, some sample ideas are provided in **Sheet 3** in CSE598: Presentation & Project Teams. No more than **three** groups can work on very similar project ideas. To ensure a smooth selection process and to minimize the likelihood of idea overlap, we kindly request early submission of project ideas. If you pick an idea from the provided list, please cut paste the idea from to Sheet 3 to Sheet 2.

3 PROPOSAL SUBMISSION

Create a google doc containing information on the 1) Background, 2) Problem, 3) Proposed Solution, 4) Ideal Output/Experiments, 5) Feasibility of Proposed Solutions and Experiments, and 6) Timeline. Provide link to the doc in **Column D in Sheet 2** within link CSE598: Presentation & Project Teams. Ensure the Google Doc is accessible without requiring special permissions. The deadline for the proposal submission is 02/11/2024.

4 PROJECT LOG: BIWEEKLY UPDATE

Students are required to update their project progress and tasks within the CSE598: Project Biweekly Update. Please maintain a copy of the template and incorporate the necessary updates, adding new columns for each biweekly report. Subsequently, upload the updated document to Canvas. This will be used to track the team contribution.

5 PROGRESS PRESENTATION

The project progress presentations would be conducted during the lecture timings on 02/26/2024 and 02/28/2024. Details regarding the presentation would be posted later as a Canvas announcement.

6 FINAL SUBMISSIONS

The team leaders must submit a final e-poster and final report via Canvas.

6.1 PROJECT POSTER SUBMISSION

The leader of the group is required to submit an e-poster. Please use the Poster Template. Have a local copy of this template and make all your edits within this template. Although you are welcome to add/remove the content boxes as required, we recommend not to change the poster size, theme color, nor font sizes. We will project these posters on the day of the presentation, i.e on 02/22/2024 and 02/24/2024.

6.2 FINAL REPORT

The leader of the group is required to submit a report. The final report must be **4 pages** long, excluding references, and should follow the Report Template. At the end of the report, you should **include a section** detailing your individual contribution (a sentence as well as a percentage) to the project (e.g., student 1 name: training PPO and writing the experiments section of the report - 25% of all efforts). This requirement is in place to ensure equal contributions from all students to the project. **Every teammate must SIGN the contribution section within the report.**

7 POLICY REGARDING EXPECTED STUDENT BEHAVIOR

Students in this class are expected to acknowledge and embrace the FSE student professionalism expectation located at: `https://engineering.asu.edu/professionalism/`.

7.1 ACADEMIC INTEGRITY

Students in this class must adhere to ASU's academic integrity policy, which can be found at ASU Integrity Policy. **Students are responsible for reviewing this policy and understanding each of the areas in which academic dishonesty can occur**. All engineering students are expected to adhere to the ASU Academic Integrity Honor Code. All work submitted for the course cannot have been submitted for any other course or any previous section of this same course. Student academic integrity violations are reported to the Fulton Schools of Engineering Academic Integrity Office (AIO). Withdrawing from this course will not absolve you of responsibility for an academic integrity violation and any sanctions that are applied. The AIO maintains a record of all violations and has access to academic integrity violations committed in all other ASU college/schools.

Carefully read the Course Syllabus for late submission and other policies. If you find yourself stuck on something, start a discussion on Canvas and/or come to TA office hours.