[**Form link**](https://docs.google.com/forms/d/e/1FAIpQLScqG543NuDmitKEqycYNpbydC5h_IlBmrskmS7gKlk5xCFP1g/viewform)

**Q: Executive Summary (Group)**: A brief overview of what has been accomplished this week.

A:

Code

* Developed fine-tune script for summarization (Alisa, Anne)
* Developed fine-tune script for qa (Jasper, Michelle)

Research

* Prompt engineering with RLHF (Alisa, Anne)
* Lora Fine-tuning (Jasper)

GPU

* Solved technical problems and get the notebooks running on the HPC (Yi)

**Q: Challenges and Roadblocks (Group)**: Enumerate any obstacles faced and how they were managed or are planned to be managed.

A:

Problem

The allocated disk space on HPC for us is limited. We are not able to load the model or fine-tune it with GPU supports.

Solution

We contacted the IT center for help, and we just get new access to another HPC cluster (Ginsburg) with more disk space and better technical configuration.

Problem

There are some Value Errors when training the based model, which possibly due to the unmatched type of model.

Solution

Research on different type of models(Bert-based, GPT-based, Transformers-based), adjust the configuration of fine-tune training function.

**Q: Next Steps (Group)**: Outline the plan for the upcoming week.

A:

* Run the scripts on the new cluster
* Try another version of the Lora for fine-tuning (Q-Lora)
* Evaluate fine-tuned model
* Research and try on RLHF

**Q: Executive Summary (Individual)**: A brief overview (one or two sentences) of what has been accomplished this week. Group coordinators collect and report the progress made by individual team members.

A:

**Yi Lu (yl5118)**: Solved technical problems and get the notebooks running on the HPC

**Yanni Chen (yc4179)**: Developed fine-tune script for summarization; Prompt engineering with RLHF

**Xiaolin Sima (xs2483)**: Developed fine-tune script for summarization; Prompt engineering with RLHF

**Junyuan Huang (jh4608)**: Developed fine-tune script for qa; Lora Fine-tuning

**Michelle Sun (ms6514)**: Developed fine-tune script for qa