In your proposal, please answer the following questions:

1. What are the names and NetIDs of all your team members? Who is the captain? The captain will have more administrative duties than team members.

name: Longji Li

netid: longjil2

captain: Longji Li

1. What is your free topic? Please give a detailed description. What is the task? Why is it important or interesting? What is your planned approach? What tools, systems or datasets are involved? What is the expected outcome? How are you going to evaluate your work?

topic: Sentiment analysis on tweets on team DK

description: i would like to analyze related tweets that are relevant to the team DK

task: to find/develop a specific pattern that specific sets of tweets share in common

importance: it is important because we can better understand user behavior and pattern regrading esports and a specific esport team

approach: browse the internet to look for solutions on gathering data; run sentiment analysis on the collected data

expected outcome: valuable sentiment analysis

evaluation: if it is reasonable amount of valuable data that we can use for analysis

1. Which programming language do you plan to use?

Python

1. Please justify that the workload of your topic is at least 20\*N hours, N being the total number of students in your team. You may list the main tasks to be completed, and the estimated time cost for each task.

it takes close to 8 hours to figure out how to gather the data in an ideal format. then it takes close to 10 hours to run sentiment analysis. 4 hours for polishing the result and compare it to other methods