Week 07 - Written Status Report For WondoBot #1 (02/21/2024)

Will cover weeks 4-7

Accomplished:
- Completed First Draft of Requirements Specification Documentation (SRS): discussing what the project will be and what will be built
- Planned out a rough schedule for the project - using some of the information from the SRS, saw what objectives or tasks we needed to do and planned out a rough outline for what needed to be complete (will assign specific task roles later, just wanted to see what we needed to do)
- Created Discord bot and token needed to run the bot
    - Added it to a test server between the three of us
    - Got basic boilerplate code uploaded to github
        - For example, command to spit it out the username of the user that entered the command
    - Not included in the github is more boilerplate code just playing around with creating commands and getting used to syntax and file structure for discord.js
        - More commands such as spitting out images when the command is called
    - Also created "teams" in discord: basically a way for multiple individuals to have access to the bot and token since originally, creating a bot is only for 1 person
- Completed First Draft of Software Development Plan (SDP)
    - Finalized the schedule a bit more and assigning tasks to each person in the group (and also what objectives can be completed by everyone)
- Overall reading of Discord.js documentation, getting more familiar with it

Scheduled Tasks to be done:
- Get 2 of the basic commands to work (02/25 deadline but can be pushed back before week 9 Monday class which is 03/04)
    - !predict "score1-score2" "first-scorer" : users will try and predict the score of the match and the first goals scorer of the SJ team
        - Bot will just spit back what the user will say in text
    - !predict top : users can see the top predictors within the server (ideally a top 10) which will show username, how many times they have predicated, and total points
        - For now, will just spit out a dummy table with the appropriate information such as username, how many times user predicated, and points
- Get Football API to connect with discord.js and just get some example calls to make sure connection is good and we can access the API
    - 03/02 deadline but like the commands, can be pushed back to week 9 Monday class which is 03/04

- Start researching and maybe even reading documentation on what Sequelize is and PostgreSQL
    - Give some pros and cons of each
    - Is it possible to use both or do we only need to choose one?
        - For us to research and find out.
    - Deadline of 03/11 (week 10)

Noteworthy Risks, concerns, or problems:
- A risk is just the fact that Spring break is next week (02/26 - 03/01) not including weekends
    - Might struggle with working on project and assignments over the break
    - Personal events with friends and family can impact how much work gets done during this timeframe
- A bit more experience with Discord.js but still a bit iffy with it
    - Not fully comfortable with using it but we believe with time and patience, this won't be a problem by the next written status report. At least doubts of our ability will be put to rest even if we haven't "mastered" yet