Project Timeline
Team AI AI Captain
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Goal: Flushed out front-end interface which allows a user to select two NBA teams to swap from different seasons and run the simulation. The simulation will return how well the swapped teams performed against the other teams of that season as well as data of each of the simulated games to see how exactly the teams performed.

Week 1 (4/21 - 4/27)

(Peter, Leman)
- Figure out what stats to use
- Figure out how to utilize an API to get the proper stats to implement this

(Kun, Leo)
- Finalize what algorithm to use (machine learning model)
- Figure out how to implement algorithm in Python (training data and test data)

Week 2 (4/28 - 5/4)

- Crude front-end interface to select 2 teams
- Aim to be able to run simulation between two teams (once)
    - Implement retrieving stats using an API
    - Implement whatever algorithm we need
- Test accuracy by running between two teams that actually played each other

Check-in Presentation (5/5)

- Present a demo of our simulation between two NBA teams
- Have a presentation about our reasons for choosing various stats/ML models

Week 3 (5/5 - 5/11)

- Flushed-out front-end interface to select season and guest team
- Be able to run a simulation of a full season (all 82 games)
- Test accuracy by comparing results by running a simulation without modifying teams against actual season that was played out

Week 4 (5/5 - 5/18)

- Code documentation
    - Documentation written within report as well
- Optimizing simulation time
- Evaluation of approach and results
    - Documentation of this within report
- Presentation preparation
    - Report will contain all documentation for using the program, describe the methods used, and evaluation of results

Presentation Day (5/19)

- Final presentation should typically be the demo/2minute video with a short powerpoint presentation during class, github and the finalized code. Yes final report as well. Double check the project proposal requirements to make sure you meet all the deliverables.

Weekly meetings
- Fridays 4:00pm
- Tuesdays 6:30pm (after class)

Final Report Layout:
- Project code
- Demo/visualizations,
- Evaluations of approach(es)
- Documentation
- 2 minute video or a poster
- Final presentation