

03.30.2020 -- Post-Apocalypse Check In

1. Reminders & Upcoming Deliverables

- a. Reminders!
 - i. Look at new semester plans and familiarize yourself with new due dates!
Nothing changed about *what* we deliver, just *when* we deliver it!
- b. Upcoming Deliverables!
 - i. Team Strategy 2 due **02APR** (Thursday)
 - ii. Team Tech 1 absorbed into Progress Report due **07APR** (1 week!)
 - iii. Team Tech 2 due **24APR** (3.5 weeks)

2. Looking Ahead

- a. Meeting Times
 - i. Zack will chat with Devavrat and Reed about meeting times
- b. Video is dead!
- c. The semester is moving *fast* now!
 - i. TT2 is due **two weeks** after TT1
 - ii. Team Comms 2 (Exec Summary and Engineering Report) is 6 days later
 - iii. Final deliverables are 1.5 weeks after that

3. Team Strategy 2

- a. *Evaluate current strategy and team organization after the semester reset.*
- b. *Define what are the new modes of communication you have established within the team, how will you meet as a team and the method you have chosen to interact with your mentors (feel free to reach out to your mentors to get feedback on how they feel that your weekly meeting time can be used most effectively).*
- c. *Define what your weekly milestones are going to be for the rest of the semester.*
- d. See initial draft here.
 - i. Do we want additional meeting times?
 - ii. What do we envision for Peko time?

4. Team Tech 1 // Progress Report

- a. Let's just touch base about where we are on this. Here are goals we had for TT1, where do we stand on them now?
 - i. Examine the following metrics:
 - 1. (1) Number of strikeouts and walks
 - 2. (2) Number of homeruns / overall run environment
 - 3. (3) Overall game time
 - ii. Call these from new SQL views, not python scripts.
 - iii. Make a "synthesized table" (by inning, not by pitch so that we can total things).
 - iv. Statistical analysis of difference.
 - 1. Zack needs total number of pitches, StDev, etc.
 - 2. Zack link → export view to excel
 - 3. Eyes out for his follow up message!
 - v. Visualization of differences!

b. Visuals

- i. Mistakes per inning (bar chart)
- ii. Average mistakes made per inning number (bar chart)
- iii. Table of differences (one for total innings, one for net errors)
- iv. Think of others!

5. Team Tech 2

- a. Can we all read my weird self-talk on that document and make sure we are all on the same page about the long term vision for this deliverable sorry
- b. Again, let's just touch base on where we're at for this. Where do we stand on these goals?
 - i. Devavrat asked for a deliverable (possible outcomes?)
 - ii. Think about features of states.
 - 1. Touch base with Reed about "important" features.
 - 2. Create a way to pull the features of any pitch and label it with the outcome.
 - iii. Incorporate Travis' awesome count-based stats table.
 - 1. Use that table to find how the probabilities of different at bat outcomes change based on count.
 - iv. Predict the change in at-bat outcome based on mistake correction.
 - v. Predict the change in inning outcome based on mistake correction.
 - vi. Ultimately: want to predict the difference in statistics between a true game (it happened, with mistakes) and a "corrected game" (never actually occurred, we just re-ran the game without the mistakes).d

6. **Additional Notes**

- a. **Video time!!!!!!!** :(sad no more