---Mon October 8---
Met during Lab time
Tim, Tanner, and Matthew
Disussed ideas
-
tweepy
pdf->LaTex
arcade game
-
proceding with machine learning sentimental analysis (using tweepy)

---Wed October 10---
met during class
Tim, Tanner, Matthew and Eli
scheduled work
Documentation done by Friday night
Backlogs to be done first
name change

---Wed October 10---
met at 4pm
LEEP2 Atrium
Matthew, Tanner, Eli and Tim
project2 retrospective
started Backlogs

---Fri October 12---
Matthew, Tanner, Eli and Tim
met in class
Django instead of PHP/HTML
Docker?
AWS vs Heroku

---Fri October 12---
LEEP2
Matthew, Tanner, Eli and Tim
afternoon/evening
set up AWS
install dependencies
UML
tweepy

---Wed October 17---

Tim, Tanner, Eli, Matthew
In class
Tim will be absent friday
mentioned django frontend

---Fri October 19---
Tim, Tanner, Matthew
In class
discussed details needed in documentation and UML

---Sat October 20---
Tim, Tanner Matthew
zoom meeting
explained django
refined UML class diagram
planned meeting for sunday

---Sun October 21---
4pm
Tanner, Tim, Matthew
Class diagram
Retrospective

Tim wrote the django and oath sections, while the rest of the group handled the documentation components. Tanner focused on the Class diagram and use case diagrams, while Matthew helped with the backlog and helped research for textblob and django. Eli was primarily responsible for the gantt chart. As this shows, while we did split the work up among our group, the divide could have been spread more evenly.

One of the early challenges we worked through was language selection. We had found twitter's api, as well as some machine learning libraries, but both were for python. As we were aiming to make a web-based application for this project, we were expecting to need to make python calls from php, which would have added extra complexity to the project. After some further research, we decided that using Django, a web framework for python, bypassed this issue.

The main components that were not included in the current demo were the machine learning based analytics, and the connection between the frontend and backend.

The main areas of improvement for our group is the division of work and pacing. We were doing the documentation diagrams in parallel to the coding, which resulted in having several last-minute corrections being made, as the people doing the documentation had to spend time learning the codebase.