Sprint Plan 2
Product Name: Style
Team Name: Style Team
Sprint Completion Date: July 16
Revision Number: 1
Revision Date: July 10

Goal: We want to create code that can analyze statistics of a writing sample, compare these statistics to that of famous authors, and tell the user which famous author their writing style resembles the most. We also want to create a website that has all the functions needed to read our code.

Task Listing, Organized by User Story:

1 Button
- As a user, I want to finish the whole process with one button because it is more user friendly. (Time: 2)
  - Task: Create a single, working button on the website so that when a user submits their writing sample, it turns the sample into a string that the processing code can use to get the user statistics. (Time: 2)
    - Kevin and Alex

More Statistics = Better
- As a developer, I want to use word frequency, word length, sentence length and punctuation because authors have their unique word choices and style which can increase our accuracy. (Time: 5)
  - Task: Create code that will take in a string and analyze the string's word frequency, word length, sentence length, and punctuation - (Time : 5)
    - Priya and Ray

Learning
- As a developer, I want to study machine learning and website design so that I know what is necessary to make the project work and I am more efficient when I code and debug. (Time: 18)
  - Task: Go through websites, tutorials, and manuals and learn what is needed to complete the assignment - (Time: 13 for website, 5 for machine learning)
    - Done by everyone

Website (Text box, HTML, Javascript, CSS, Integration)
- As a developer, I want to be able to create a website that can give a string to the preprocessing code and be able to take the results and show them on the website so that the user has access to their results. (Time: 3)
  - Task: Integrate Machine Learning code into Website - (Time: 3)
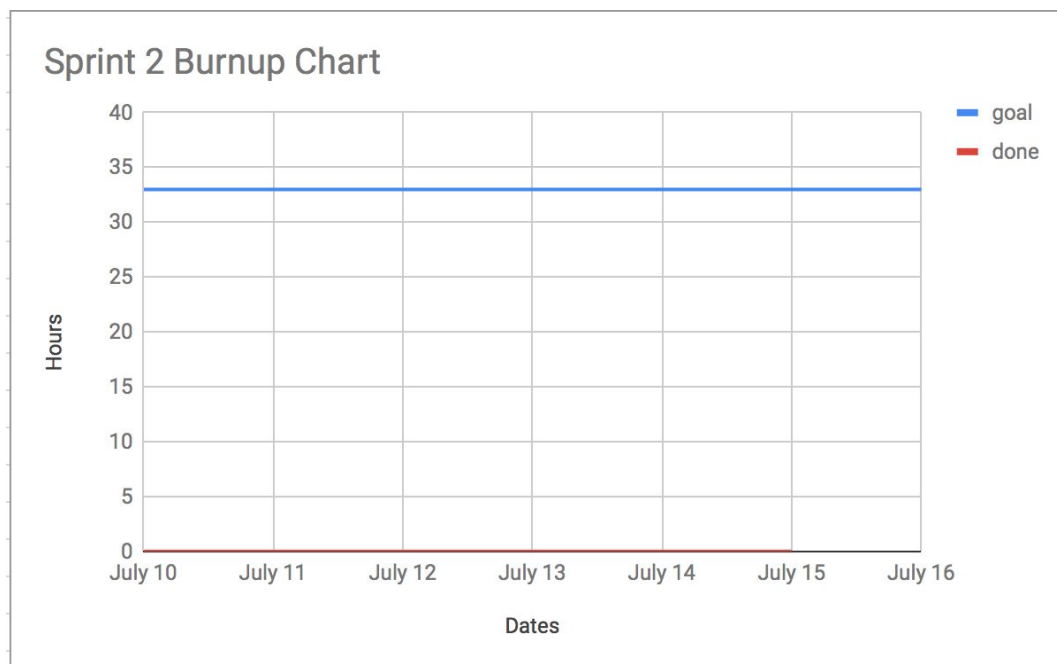   - Done by Alexandra and Kevin

Producing an Accurate Result (Text, Machine Code)
- As a developer, I want to use machine learning because I want to give the user accurate results from their writing sample. (Time: 5)

- ○ Task: -- - (Time: 2)
  - ■ Done by Priya and Ray
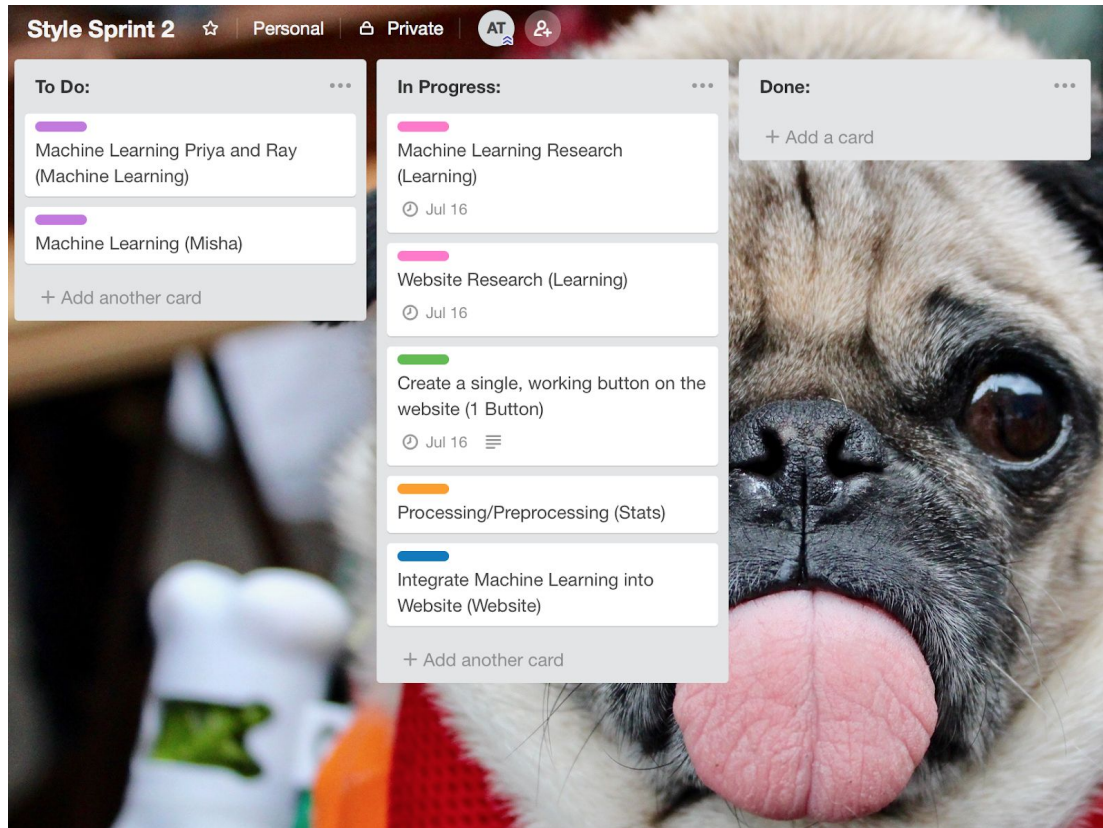- ○ Task: Write the machine code - (Time: 3)
  - ■ Done by Misha

Team Roles:
- **Alexandra**
  - ○ Team Member, Scrum Master
- **Kevin**
  - ○ Product Owner, Team Member
- **Misha**
  - ○ Team Member
- **Priya**
  - ○ Team Member, Scrum Master
- **Ray:**
  - ○ Team Member

Sprint 2 Burnup Chart

Initial Burnup Chart:

Initial Scrum Board:

Scrum Times:
Tuesday July 10, 5:00-5:30 **WITH TA**
Tuesday July 10, 5:30-6:30
Thursday July 12, 5:00-5:30 **WITH TA**
Thursday July 12, 5:30-6:30
Monday July 16, 12:30-1:30