**Better Bookmarks Sprint 2 Review**

Better Bookmarks

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Actions to Stop Doing:

* Lack of communication.

Actions to Start Doing:

* Possibly start using google hangouts to update each other on functionality of one’s code and the functionality of the extension.

Actions to Continue Doing:

* Adhering to the scrum board
* Meeting up Tuesdays and Thursday in person to code jam.

Work Completed:

* Web code to display bookmarks
* Web code to create a new bookmark
* The ML model was improved to a sufficient accuracy (87%) by only keeping the categories that performed well
* A function to actually do a prediction given a description was implemented in javascript using tensorflow.js
* Project code and assignments on github organized so that our code base would be more readable

Work not completed:

* Full functionality of the add bookmark GUI
* Call the predictCategory() function and use the output to automatically choose a bookmark category.

Work completion rate:

* Nick:
  + User Stories:

Tasks Completed

* + - * Wrote a function description for the ML prediction so the web devs could have an ADT to work with(1)
      * Organized the code on github(2)
      * Wrote the TA summary(2)
      * Researched about online text preprocessing libraries to replace our keras processing code(1)
  + Ideal work hours: 6
* Joseph:
  + User Stories:  
     Tasks Completed
    - * Import Keras model into TF.js(1).
      * Make new task to upload saved json file(1).
      * Write a script to find out what categories perform the worst (3).
      * Once the worst performing categories are removed retrain the model (1).
      * Remove the worst performing categories from the dataset (2).
  + Ideal work hours: 10

Tuesday ~ 2

Friday ~4

Saturday ~4

* Brady:
  + User Stories:  
     Tasks Completed
    - * Make GUI for displaying bookmarks and folders(6).
      * Fixed bug for nested folder structure.
  + Ideal work hours:
* HyunKyu:
  + User Stories:

Tasks Completed

* + - * Complete translating ‘python based ML prediction code’ into ‘javascript based ML prediction code’
  + Ideal work hours:
* Robert:
  + User Stories:  
     Tasks Completed
    - * Grab title and description using tabs api, storage api, and content scripts
  + Ideal work hours:
    - * Thursday: ~2 hours
      * Saturday: ~2 hours
      * Sunday: ~4 hours
      * Monday: ~3 hours
* Kyle:
  + User Stories:  
     Tasks Completed
    - * Made the GUI for adding bookmarks as a collapsible
      * Made the GUI for adding bookmarks as a modal
      * Auto-input the current web page title as the bookmark name in the modal
      * ‘Create’ button works to make a bookmark
  + Ideal work hours:
    - * Wednesday: ~1 hour
      * Friday: ~3 hours
      * Sunday: ~3.5 hours
      * Monday: ~5 hours

**Burnup Chart**

**KEY:**

**Red - total story points for sprint 2**

**Blue - average pace needed to finish sprint on time**

**Green - average pace we maintained for sprint 2**

**Black - deadline for sprint 2**

