**Better Bookmarks Sprint 1 Report**

Better Bookmarks

July 9, 2019

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Actions to Stop Doing:

* Stop working on multiple extensions! Consolidate to the extension with the most progress (Brady’s)

Actions to Start Doing:

* Start using a SCRUM application like Trello
* Start meeting via voice calls so we can SCRUM more often
* Utilize a screen sharing service like Google hangout or Zoom if we have questions
* Better assignment of user stories
* Integrate CI/CD
* Keep track of our ideal work hours

Actions to Continue Doing:

* Keep up a strong work ethic
* Keep up the face to face meetings, aim for three times a week

Work Completed:

* Figure out how to make a Chrome extension (3)
* Learn how to publish a Chrome extension on the Chrome Web Store(1)
* Research document classification and get a baseline evaluation metric goal (2)
* Source a viable dataset (1)
* Brainstorm ML things
* Clean/preprocess our dataset (3)
* Train a basic ML model (2)

Work not completed:

* Learn Javascript (in progress)
* Learn how to utilize chrome.bookmark API (in progress)
* Figure out how to use Keras or Tensorflow.js in the browser

Work completion rate:

* Nick:
  + User Stories:

Tasks Completed

* + - * Helped research/source a viable dataset
      * Trained an ML model on titles that achieved 50% and one on descriptions that achieved 71%.
      * Wrote a google colab notebook explaining the goal, dataset, preprocessing, architecture, training, performance, and how to reproduce the results.
  + Ideal work hours: ~8
* Joseph:
  + User Stories:  
     Tasks Completed
    - * Helped research/source a viable dataset.
      * Cleaned/preprocessed the ‘dmoz.csv’.
      * Researched url categorization and NLP.
  + Ideal work hours: ~8
* Brady:
  + User Stories:  
     Tasks Completed
    - * Refreshed memory on JavaScript.
      * Created stub browser extension popup that displays bookmark folders and highlights on hover.
      * Refreshed memory and expanded knowledge of CSS, HTML, and JavaScript.
      * Created sufficient directory structure for the Chrome extension.
      * Created directory structure layout markdown document.
      * Forked the main GitHub repo and created a gui branch to work in.
  + Ideal work hours: ~6
* HyunKyu:
  + User Stories:

Tasks Completed

* + - * Study how chrome extension work and made example model that shows the whole bookmarks.
      * Figured out how chrome bookmark’s name is suggested
      * Study how to get innertext data from url, but not completed (block by security service; CORS)
  + Ideal work hours:
* Robert:
  + User Stories:  
     Tasks Completed
    - * Figure out how to make a Chrome extension
      * Learn how to publish a Chrome extension
  + Ideal work hours: ~7
* Kyle:
  + User Stories:  
     Tasks Completed
    - * FIgure out how to make Chrome ext.
      * Learn Javascript
      * Logistics of publishing to Web Store
  + Ideal work hours: ~8

