

Better Bookmarks Sprint 1 Report

Better Bookmarks

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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
 - Flgure out how to make Chrome ext.
 - Learn Javascript
 - Logistics of publishing to Web Store
 - Ideal work hours: ~8

