

Better Bookmarks Sprint 2 Review

Better Bookmarks

July 16, 2019

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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

