

Better Bookmarks Sprint 1 plan

Better Bookmarks

Release date: July 8

Revision number: 1

Revision date: July 2

Goals:

- Train a Machine Learning model capable of categorizing Bookmark tags and get it to work in a browser, but not necessarily into our Chrome extension just yet.
- Create a Chrome extension capable of accessing and manipulating a user's bookmarks

User Stories:

- As a user of Google Chrome, I would like to have the application as a Chrome extension so that it can automatically run when I open the browser **Makes no sense??, a user could care less about an extension that does nothing.**

Tasks:

Web Dev Tasks

- (3) Figure out how to make a Chrome extension
- (4) Learn to utilize the chrome.bookmark API to manipulate bookmarks
- (4) Learn Javascript
- (1) Learn how to publish a Chrome extension on the Chrome Web Store

ML Tasks

- (1) Figure out how to use Keras or Tensorflow.js in the browser.
- (2) Research document classification and get a baseline evaluation metric goal
- (1) Source a viable dataset and possibly a pre-trained model to do transfer learning with
- (3) Clean/preprocess our dataset
- (2) Train a basic ML model to do classification

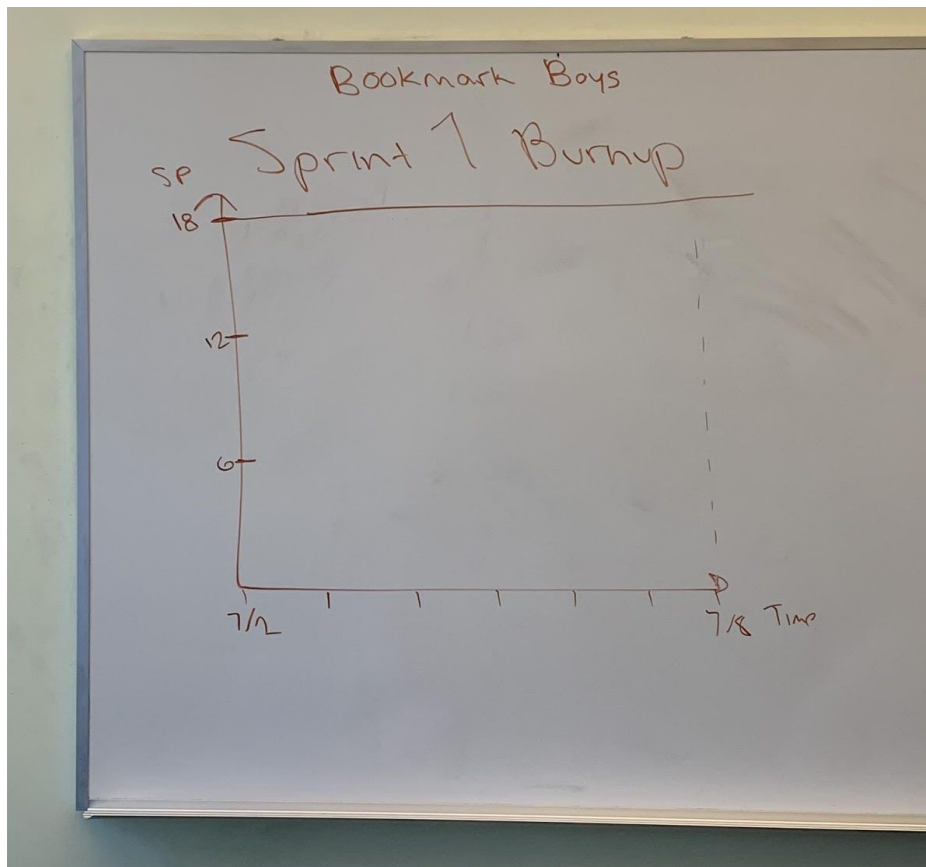
Team Roles:

- Nick: Project Owner, ML developer
- Joseph: ML Developer
- Kyle: Scrum Master, Web Developer
- Hyun Kyu: ML Developer
- Robert: Web Developer

Initial Task Assignment:

- Nick: Figure out
- Joseph:
- Kyle
 - Figure out how to make a Chrome extension
 - Learn how to use the chrome.bookmark API
 - Learn Javascript
- Hyun Kyu
- Robert
 - Figure out how to make a Chrome extension
 - Learn how to use the chrome.bookmark API
 - Learn Javascript

Initial Burnup Chart:



Initial Scrum Board:

Bookmark Boys			
Scrum Board			
USER STORIES	TASKS NOT COMPLETED	IN PROGRESS	FINISHED
As a Chrome user, I would like to have the application as a Chrome extension so that it runs in-browser	<ul style="list-style-type: none">• Learn how to make a Chrome extension• Learn how to use Chrome bookmark API to manipulate bookmarks• Learn Javascript• Learn how to publish an extension to the web store• Learn to use Keras/Tensorflow in browser• Research document classification, get a baseline evaluation metric goal• Source a dataset• Source a pre-trained model• Clean/process dataset• Train ML model to do classification		

Scrum Times:

Tu 12:40-1:00
Thu 12:40-1:00
3rd TBD every week