Title:

BuFfBoX

Who:

Camilla Lambrocco, John Anderson, Andrian Wong, Andrew Berumen, Conor Walsh

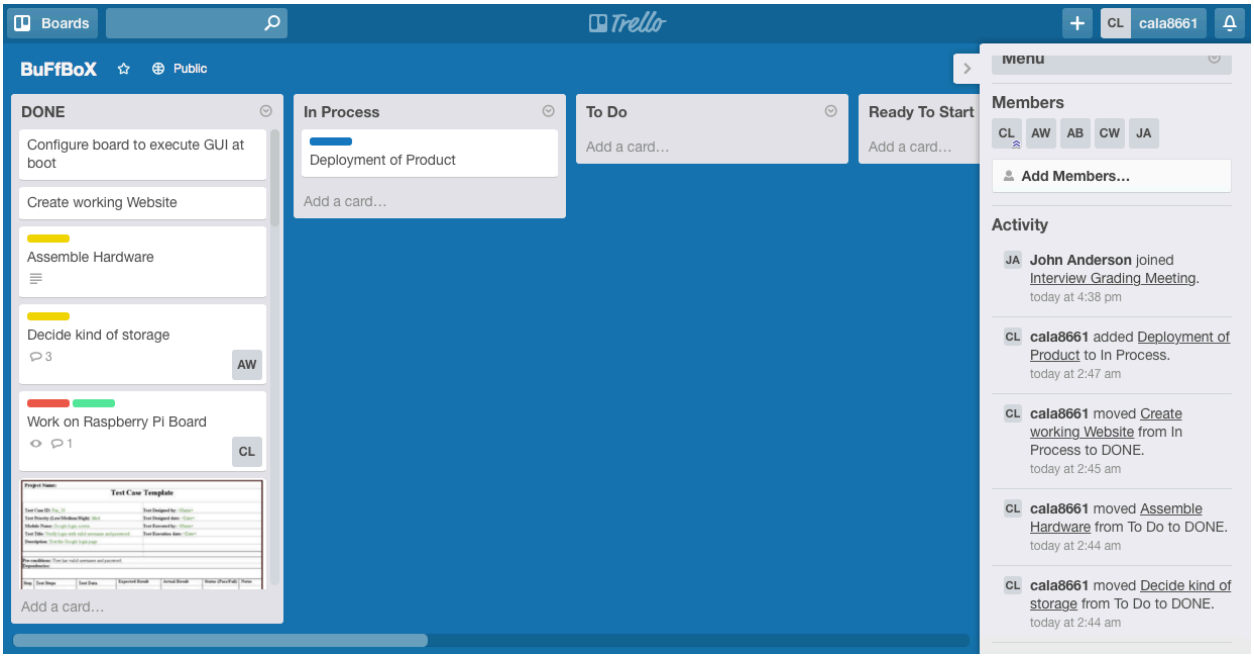
Methodologies:

Waterfall, Agile, Pair Programming, Pair Code Review

Project Tracker:

https://trello.com/b/fZ5zwvtp/buffbox

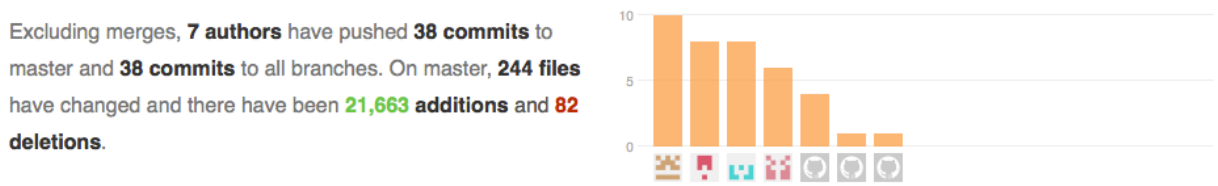
Project Plan:



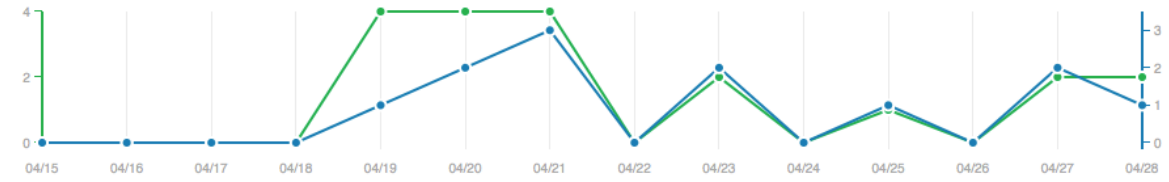
VCS:

https://github.com/cala21/CSCI-3308

VSC Screenshots:

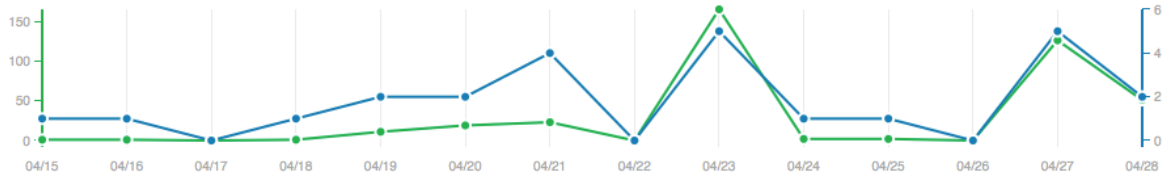


Git clones



19	10
Clones	Unique cloners

Visitors



402	7
Views	Unique visitors

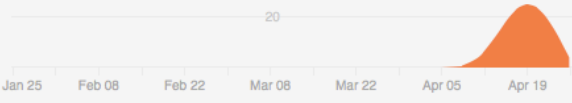
Jan 25, 2015 – Apr 27, 2015

Contributions to master, excluding merge commits

Contributions: **Commits**

anbe6083 #1

40 commits / 105,747 ++ / 81,770 --

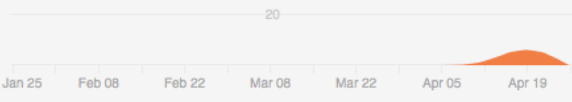


cala21 #2

38 commits / 24,276 ++ / 344 --

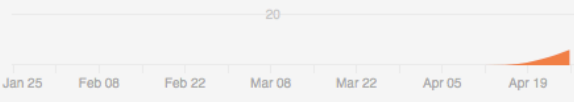
JB-Smooth #3

9 commits / 23,211 ++ / 1 --



JohnAnderson27 #4

6 commits / 11 ++ / 11 --



Deployment:

Because our NAS system also hosts our website and database, our most likely means of deployment would be selling the device in stores like BestBuy or on websites such as Amazon. To accomplish this, we would initially use crowdfunding like Kickstarter to build a market and revenue stream, with the ultimate intention of full production for retail. Although not feasible with our current product, we also plan on deploying the website and database to Heroku.

Differences from initial proposal:

The project was successfully brought to conclusion. We designed and built a NAS storage using a Raspberry Pi with RAID memory storage and UI interface to check the useful information of the board. Additionally, we host our website for users to interact with their storage system on the RPi. The below requirements, as initially visualized, were not possible given the available scarce resources of time, money, and knowledge. However, we feel comfortable our primary goals were met.

ID	Requirements Not Accomplished by Final Submission
	Business
BR.04	access should be restricted to CU student. (Website)
BR.06	the board should be protected by a solid case to guarantee protection. (Device)
BR.07	the screening case must be of a material that has a fusion temperature point above the one reachable by the Raspberry Pi board.
	User - ALL USER REQUIREMENTS MET
	Functional
FR.02	The login of the students should happen through CU-email and a new created password
FR.03	Students should be able to communicate with customer service efficiently** (email, chat service, ticket, etc)
FR.04	Students should be able to interact with other users i.e. commenting on shared files, messaging between users, etc.
FR.06	Students should be notified if someone has sent them a message or commented on something relating to them.
	Non-Functional
NFR.07	the NAS shall be able to use RAID configuration to accept multiple hard drives and achieve some degree of scalability. The type of RAID configuration shall be picked by the end user depending on his/her needs.

	(Please note: the first part of this requirement was met, however, we were not able to implement the second part of the requirement by the end of the semester.)