Recitation 14 - #2

Team Name: Team Two

Application Name: Buff Forums

Team Members: Dylan Kriegman, Caleb Jimenez, Ryan Stone, Marcus Chong, Florian Frick, Noah Warren

Project Description:

A web application like reddit where users can create and interact with text posts. Users register and login to the site before they reach the homepage, which is populated with posts stored in the database. If the user does not account they will be able to create an account through the registration page. Sub forums can be navigated to from the homepage to narrow the type of posts seen. These will be located on the provided sidebar in the homepage.

In the detailed view of a post, comments can be created, using cookies created on login to determine the author of a comment. Similarly, when creating a post, the author, text content, title, and sub-forum selection are used to add the post to the database. Users will also be able to upvote or downvote posts. The posts will subsequently reorder in descending order based on the amount of upvotes. Users will be able to upvote and downvote other user comments as well.

Ultimately, it is valuable for students to interact with one another to share and communicate easily. For this reason, the goal of our application is to connect CU students in an easy to use manner on a platform which allows them to express their ideas and thoughts within the CU community.

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Project Tracker: [JIRA Board]

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Backlog

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⌄ **Sprint 2: Weeks 3 and 4** 21 Mar – 4 Apr (21 issues)
Integration between front and back end. Viewing and interacting with posts

- X14-52 Check for Empty Post Content and Empty Post Titles
- X14-53 Ability to add a new subforum
- X14-29 JS for homepage
- X14-28 JS for account creation
- X14-18 HTML and CSS for homepage **HOME/SUBREDDIT PAGES**
- X14-43 SQL for sub-forums
- X14-32 JS for making a post
- X14-41 SQL for comments
- X14-26 SQL for posts
- X14-25 SQL for accounts
- X14-19 Html for Sidebar **HOME/SUBREDDIT PAGES**
- X14-30 Post Creation - a page for making a post with different content **POST CREATION PAGE**
- X14-31 JS for navigation between pages
- X14-22 HTML for Navbar **HOME/SUBREDDIT PAGES**
- X14-24 Prototype backend for account managmenet **ACCOUNT CREATION**
- X14-21 HTML and CSS for viewing a post (enlarged) **POST PAGE**
- X14-48 HTML and CSS for rendering Comments **POST PAGE**
- X14-33 HTML and CSS for drafting a Comment **POST PAGE**
- X14-49 Post Upvote and Downvote
- X14-50 Comment Upvote and Downvote
- X14-51 Check for Empty Comments and Comment Replies

Version Control:

Contributions:

Contributions to main, excluding merge commits and bot accounts

dylankrieg #1
79 commits 5,493 ++ 2,689 --

florianfrick #2
30 commits 740 ++ 566 --

caji0710 #3
22 commits 676 ++ 308 --

ryenots #4
17 commits 592 ++ 209 --

chongmarcus19 #5
11 commits 177 ++ 7 --

nowa9832 #6
1 commit 1 ++ 1 --
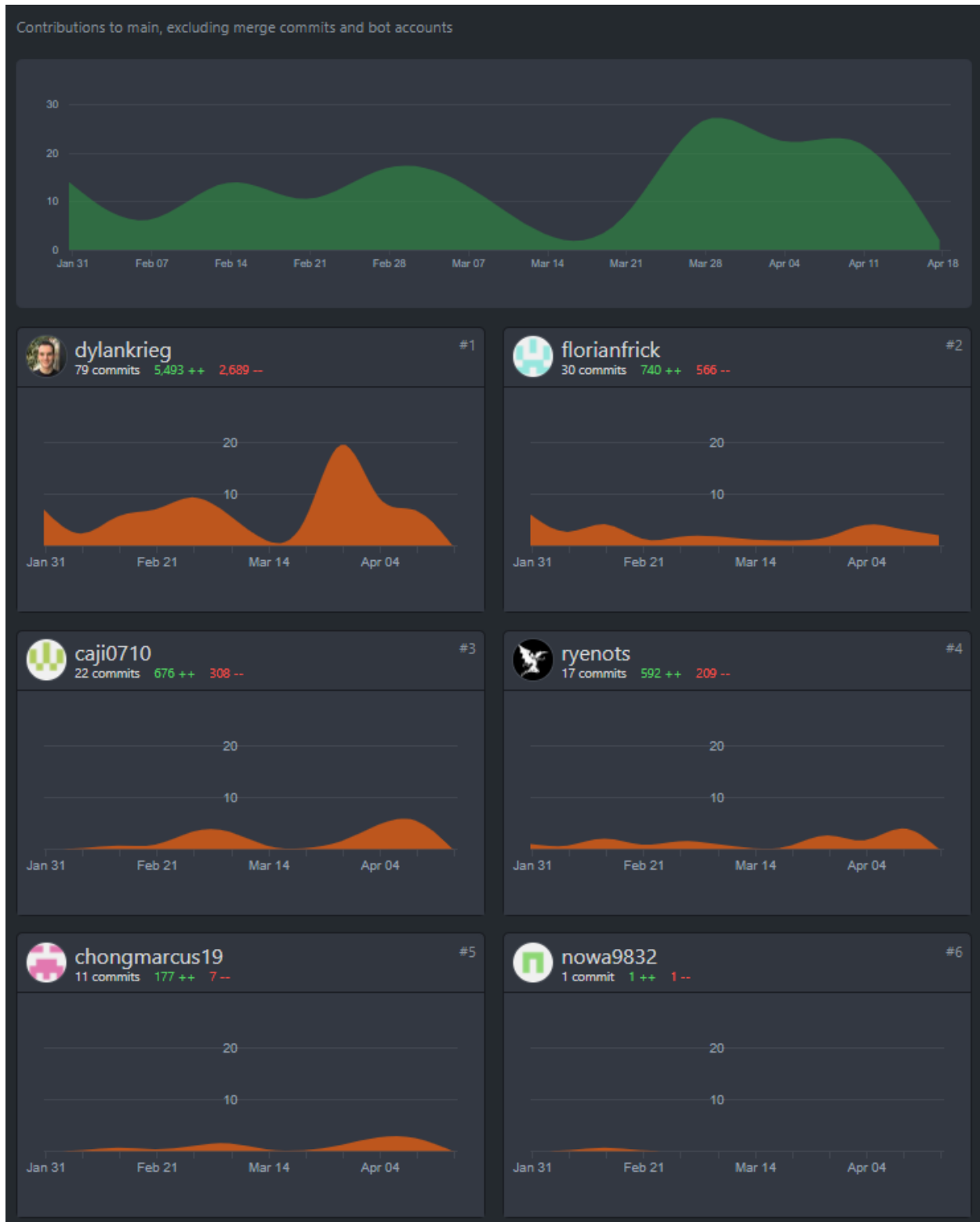
Deployment:

The Docker environment deploys the application by using NodeJS in the background to run the application and it is served over HTTP using Express on port 3000 of the host machine and can be viewed in the client's browser at http://localhost:3000.

A client can run Buff Forums in their browser by following these steps using their machine's graphical user interface and a linux command line interface (CLI):

- Download and Install Docker for your machine
    - Docker Download and Install Link

- Open and run Docker

- Download Buff-Forums using the git repository
    - $ git clone https://github.com/CSCI-3308-CU-Boulder/3308SP21_section014_2.git

- To start Buff Forums from CLI
    - $ cd 3308SP21_section014_2/Buff-Forums/
    - $ docker-compose up

- To view Buff-Forums in web browser, navigate to
    - http://localhost:3000

- To stop the application from the CLI
    - $ docker-compose down

Individual Contributions:

Team Member	Contributions	Commits
Dylan Kriegman	- Features: - Displaying subreddits on the home page - Database architecture - Post Voting - Technologies: - HTML, CSS, JavaScript (UI) - JQuery for GET, POST requests - Express (Handling Requests) - PostgreSQL (Database setup & queries) - Docker (Setup App as Container)	Dylan's Commits
Ryan Stone	- Features: - Displaying Posts on homepage - CSS for homepage, subforums - Homepage/Subforum EJS - Technologies: - HTML, CSS, Javascript - EJS with JQuery - MySQL	Ryan's Commits
Noah Warren	- Navigation between homepage/subforums - Transferring HTML/CSS code to EJS - Navbar and subforum CSS - Technologies - HTML, CSS, JavaScript - JQuery - EJS - postgreSQL	Noah's Commits
Florian Frick	- Milestone documents - HTML and CSS of detailed-post view page - Route handlers for displaying posts on homepage and subforums - Route handlers for creating posts and comments - EJS to display posts on homepage and subforums - EJS to display comments on posts - Creating and using cookies	Florian's Commits
Marcus Chong	- Created post creation page - CSS for post creation page	Marcus' Commits

	● Linked posts to database
	● Helped create drop down menu for subreddits
	● CSS to improve website aesthetic and detail for overall webpage
	● Technologies
	    ○ HTML, Javascript, and CSS
	    ○ MySQL
	    ○ JQuery	

Caleb Jimenez	● Worked on commenting with Florian
	● Navbar updates
	    ○ Profile Tab
	    ○ Showing Username of Current User
	● Up/Down voting
	    ○ With Comments
	● Technologies
	    ○ HTML
	    ○ EJS
	    ○ JavaScript
	    ○ JQuery
		Caleb's Commits