Title: Bufflist

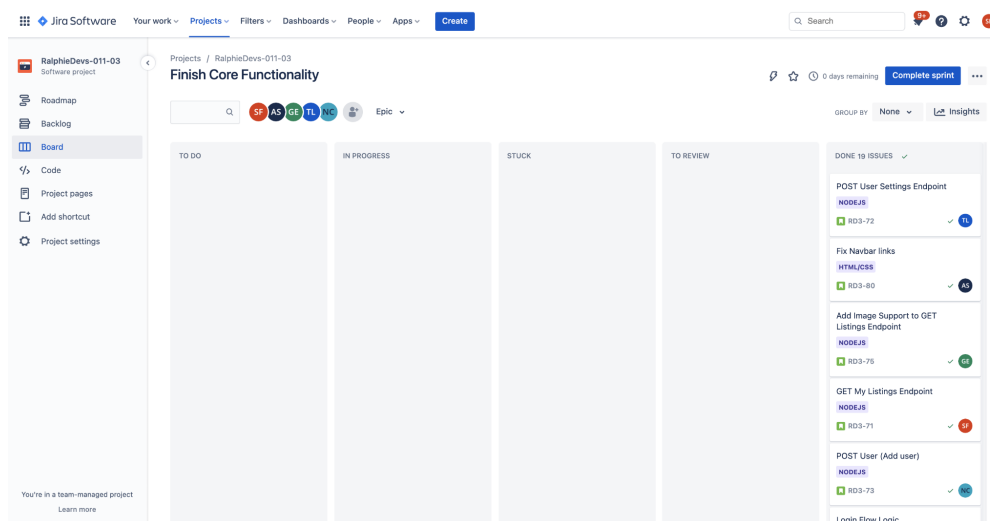**Who:** Nick Cervasio - Gio Evans - Spencer Furgerson - Trevor Liss - Alex Scarola

Project Description:

Bufflist is, at its a core, a site for buying and selling items and services, inspired by Craigslist and Facebook Marketplace but with a local emphasis. The site allows CU students to make an account and add their own listings to the service, as well as browse for other user's listings with a built-in search feature. Each listing has its own page with more information, as well as the ability to contact the seller with their email and phone number. Finally, an account page allows users to monitor their listings, mark them as sold as well as edit their account information.

During the account creation process, potential users are vetted through the email they use to register. Account privileges are only granted to those with a "@colorado.edu" email: students, staff and alumni. Sellers are able to classify their listings as either "Selling," "Trading," "Service" or "Event." Users then handle the terms of their deal off the platform via phone or email.

Project Tracker:

https://csci-3308-fall21-011-03.atlassian.net/jira/software/projects/RD3/boards/1

Video:
https://drive.google.com/file/d/1oTgxSSg_-OYNVrx3ed122eHQEFDeX3jb/view?usp=sharing

VCS:
https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-03

Contributions:

Nick:

```
nice4271@Nicks-SPRO:CSCI-3308-Fall21-011-03$ git log --author=nice4271 --pretty=format:"%h - %an, %ar : %s"
839f499 - nice4271, 11 days ago : Random merge
0b1b70a - nice4271, 11 days ago : Random commit
e8841cf - nice4271, 3 weeks ago : Branch pull
094074a - nice4271, 3 weeks ago : Change Account Info
b656523 - nice4271, 3 weeks ago : Change account info
863dd75 - nice4271, 3 weeks ago : Milestone 5
ba8c356 - nice4271, 3 weeks ago : Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-03 into main
68b18ef - nice4271, 3 weeks ago : Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-03 into main Website sync
8ea40cf - nice4271, 3 weeks ago : Extra feature validation
7f6130f - nice4271, 4 weeks ago : minor fixes
07ec3de - nice4271, 4 weeks ago : Fixed CSS
73624b7 - nice4271, 4 weeks ago : Fixed DB
be1d9cc - nice4271, 4 weeks ago : Repull
8dab779 - Nick C, 5 weeks ago : Merge pull request #4 from CU-CSCI-3308-Fall-2021/gio-branch
c9ea30f - nice4271, 5 weeks ago : Updated HTML/Created EJS
70cf76f - nice4271, 7 weeks ago : FS checkpoint
cd735a6 - nice4271, 7 weeks ago : FS Sync 2
ab06b56 - nice4271, 7 weeks ago : FS sync
e2eb50d - nice4271, 7 weeks ago : Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-03 into main Repo sync
a07fb3c - nice4271, 7 weeks ago : Front-end sync
deee5c2 - nice4271, 8 weeks ago : Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-03 into main
c0cf662 - nice4271, 8 weeks ago : Added html template and empty html files
939643b - nice4271, 9 weeks ago : Created Init Scripts Class
nice4271@Nicks-SPRO:CSCI-3308-Fall21-011-03$
```

Throughout the semester I primarily worked on the front-end of our website and then transitioned to integration the last few weeks. On the front-end, I was primarily responsible for the signup page. This included the functionality for input validation of form items: email verification, password matching, etc.. I also contributed minor features, such as editing form items on the home page and managing navigation bar items. On the integration side, I contributed to some of the node server endpoints for basic page loading, and helped work on more functional endpoints like posting new users to the database.

Trevor:

```
C:\Users\TLiss\Desktop\CU Boulder\CSCI 3308\CSCI-3308-Fall21-011-03>git log --author=tliss1701 --pretty=format:"%h - %an, %ar : %s"
948bb52 - TLiss1701, 3 weeks ago : Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-03
4e4feac - TLiss1701, 3 weeks ago : Lab '11' Changes
4d9fedf - TLiss1701, 3 weeks ago : Lab '11' Session
199958b - TLiss1701, 3 weeks ago : Empty Search Support
c79f36f - TLiss1701, 3 weeks ago : Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-03
ceb9756 - TLiss1701, 3 weeks ago : The Login Flow...
051674f - TLiss1701, 3 weeks ago : lisings image support sql query
5b74a5b - TLiss1701, 3 weeks ago : Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-03
7e1bed8 - TLiss1701, 3 weeks ago : Made Search Post Work
564032f - TLiss1701, 4 weeks ago : Fixing what I broke
97f469a - TLiss1701, 4 weeks ago : Fixing signup endpoint
947f2fc - TLiss1701, 4 weeks ago : Minor Server.js Fixes
c78b439 - TLiss1701, 4 weeks ago : fix syntax error pt 2
d05792c - TLiss1701, 4 weeks ago : fix sql syntax error
78313c0 - TLiss1701, 4 weeks ago : add updated bufflist.sql to finalwebsite folder
a4005fa - TLiss1701, 4 weeks ago : Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-03
55efa25 - TLiss1701, 4 weeks ago : Added support to add listings
0c6af7e - TLiss1701, 5 weeks ago : Working Home and Listings w Database (CSS no Work)
7e85196 - TLiss1701, 6 weeks ago : Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-03
f5dd722 - TLiss1701, 6 weeks ago : Visual Database Update
edfcbc3 - TLiss1701, 6 weeks ago : visual database setup
b2eafaf - TLiss1701, 8 weeks ago : Milestone 2 Submit
3a49efd - TLiss1701, 9 weeks ago : SQL Database Schema
740d511 - TLiss1701, 9 weeks ago : SQL Schema + Notes
b84724d - TLiss1701, 2 months ago : Adding actual Milestone 1 Doc
0a31c9f - TLiss1701, 2 months ago : deleting wrong milestone file
96a4d44 - TLiss1701, 2 months ago : Uploaded First Milestone Doc
561e1e4 - TLiss1701, 2 months ago : Milestone 1 Upload
bddc56f - TLiss1701, 2 months ago : Update README.md
58b5116 - TLiss1701, 2 months ago : Placeholder Text Files for Folder Gen

C:\Users\TLiss\Desktop\CU Boulder\CSCI 3308\CSCI-3308-Fall21-011-03>
```

Throughout the Semester I spearheaded the development of the backend of our site. This mainly includes setting up the majority of the Node endpoints and translating the static html our front end developers had created into interactive ejs files that populated via the endpoints and database information. I also researched and implemented our login process using express.js' cookies and made user sessions persistent.

Spencer:

```
spencerfurgerson@Spencers-MacBook-Pro-2 CSCI-3308-Fall21-011-03 % git log --author=spfu2841 --pretty=format:"%h - %an, %ar : %s"
474b725 - SpencerFurgerson, 11 days ago : Milestone 6
2527ee8 - SpencerFurgerson, 3 weeks ago : small css fixes
5a33e19 - SpencerFurgerson, 3 weeks ago : Search and Settings
5e0d27d - SpencerFurgerson, 4 weeks ago : Milestone 4
e1130cc - SpencerFurgerson, 5 weeks ago : Settings JS
73de7fb - SpencerFurgerson, 6 weeks ago : more account and list changes
94e7dc6 - SpencerFurgerson, 7 weeks ago : Milestone 3
c9f2c8c - SpencerFurgerson, 7 weeks ago : Spencer Sync
7a34ce3 - SpencerFurgerson, 7 weeks ago : Listing Addition
69b6b60 - SpencerFurgerson, 8 weeks ago : Settings Mocks and Bootstrap
7b7744e - SpencerFurgerson, 9 weeks ago : Addition of Designs
spencerfurgerson@Spencers-MacBook-Pro-2 CSCI-3308-Fall21-011-03 %
```
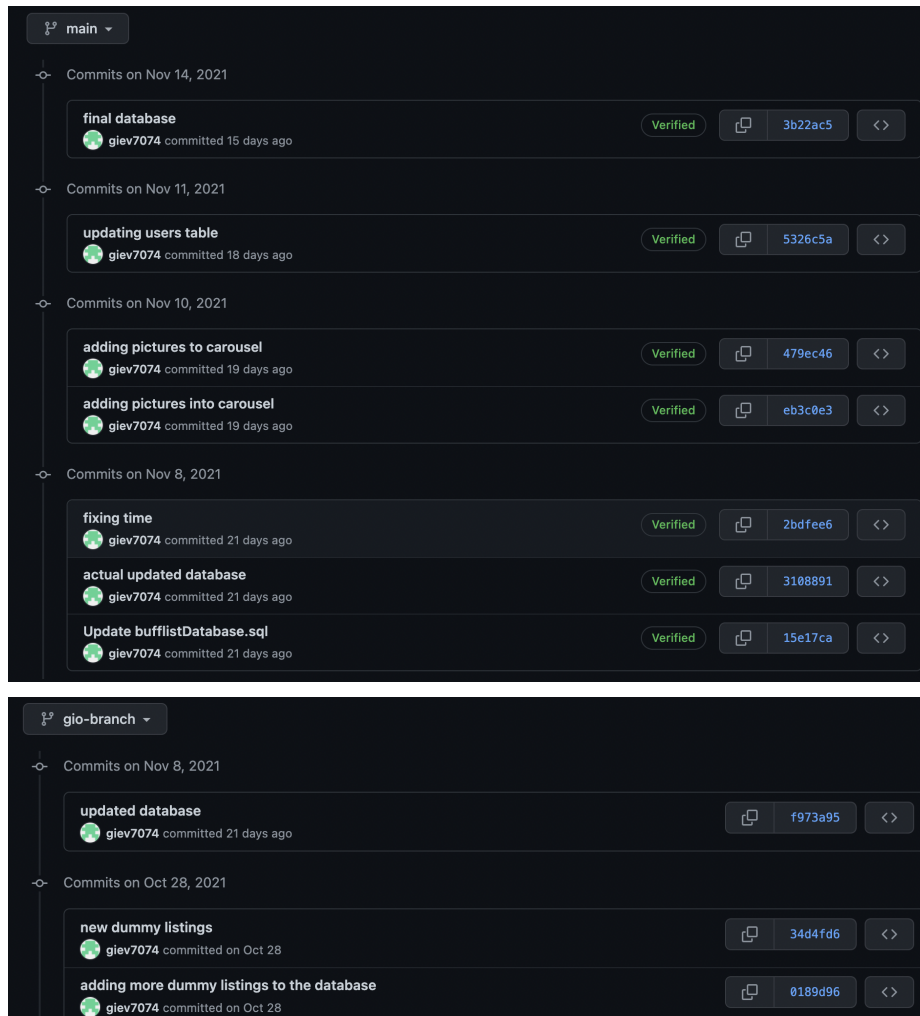
Throughout the project I worked primarily on the design and development of the front-end, generating some initial wireframes for us to work off of that we would eventually build into working pages. I then focused on the account settings and listing page, initially building them out in HTML/CSS and eventually converting them to ejs. Finally, I set up most of the search page, which is very similar to lab 8 and allows users to search for listings based on phrases in their title or description.

Alex:

```
Davids-MacBook-Pro-2:CSCI-3308-Fall21-011-03 Education$ git log --author=alsc3850 --pretty=format:"%h - %an, %ar : %s"
8c6245e - alexscarola, 3 weeks ago : error page
f00439b - alexscarola, 3 weeks ago : small changes
f8ab52a - alexscarola, 3 weeks ago : description text
05c0253 - alexscarola, 3 weeks ago : searchTitle
36f0aec - alexscarola, 4 weeks ago : Alexs ToDos
ed18e05 - alexscarola, 6 weeks ago : updated nav bar and home page
0f5dc06 - alexscarola, 7 weeks ago : login style
190447b - alexscarola, 7 weeks ago : login
ad628fe - alexscarola, 8 weeks ago : login.html
Davids-MacBook-Pro-2:CSCI-3308-Fall21-011-03 Education$
```

This project I worked on more of the front-end portion, focusing on design and development. This was more focused with HTML/CSS in the beginning of the semester, but we eventually converted to ejs. We followed the plan/wireframes we created in the first few weeks, and added/deleted features accordingly. I focused on the login page along with the home page. I also did some small fixes on the listing page, navbar, error page, and search page. Later into the project I got some more experience in the back-end with working with fellow team members.

Gio:

(terminal command did not correctly show the commits that I made during the semester)

```
(base) MacBook-Pro:FinalWebsite Gio$ git log --author=giev7074 --pretty=format:"%h - %an, %ar : %s"
f973a95 - giev7074, 3 weeks ago : updated database
34d4fd6 - giev7074, 5 weeks ago : new dummy listings
0189d96 - giev7074, 5 weeks ago : adding more dummy listings to the database
```

During this project, I was mostly in charge of the back end SQL database. Along with Trevor, I created and updated the schema for our website's database throughout the project, modifying tables when front end design changed. Additionally I created dummy entries for all tables in order to make testing for our website easier. Once the back end was essentially finalized I switched gears to fixing bugs regarding integration between the front end and back end and front end code. Additionally towards the end of the project I aided Trevor in the integration of the back end and front end.

Deployment:

We were unable to get our application deployed and working properly via Heroku. Following the instructions from Lab 10, we ran into a bizarre issue where the server.js file would not find the .ejs pages from the relative file pathing. We troubleshooted this issue significantly and went to office hours, but the LA was not able to help us find a solution. We also attempted to just deploy

our working images, but were unsuccessful in determining how to connect the database without using the Dockerfiles that were causing the first issue we were having. Again, we went to office hours but the LA was unable to help us troubleshoot the problem. Thus, in order to run the application, one must clone our git repo and navigate to the FinalWebsite directory and run a docker-compose, as outlined in our README.