



Bruinfessions

CS 35L Winter 2022
Team 50

<https://tinyurl.com/2evd4scb>



Team Introduction



**Aadhidhya
Ravikumar**



Esha Thota



Kat Nasif



Derek Hua



Sahil Dani

Web App Overview

What is Bruinfessions?

Bruinfessions is an anonymous confessions site designed for UCLA students!

Users will need to create an account and log in to post confessions to the public forum, and can like and save their favorite posts for later.

However, anyone can access and read posts in the public forum.

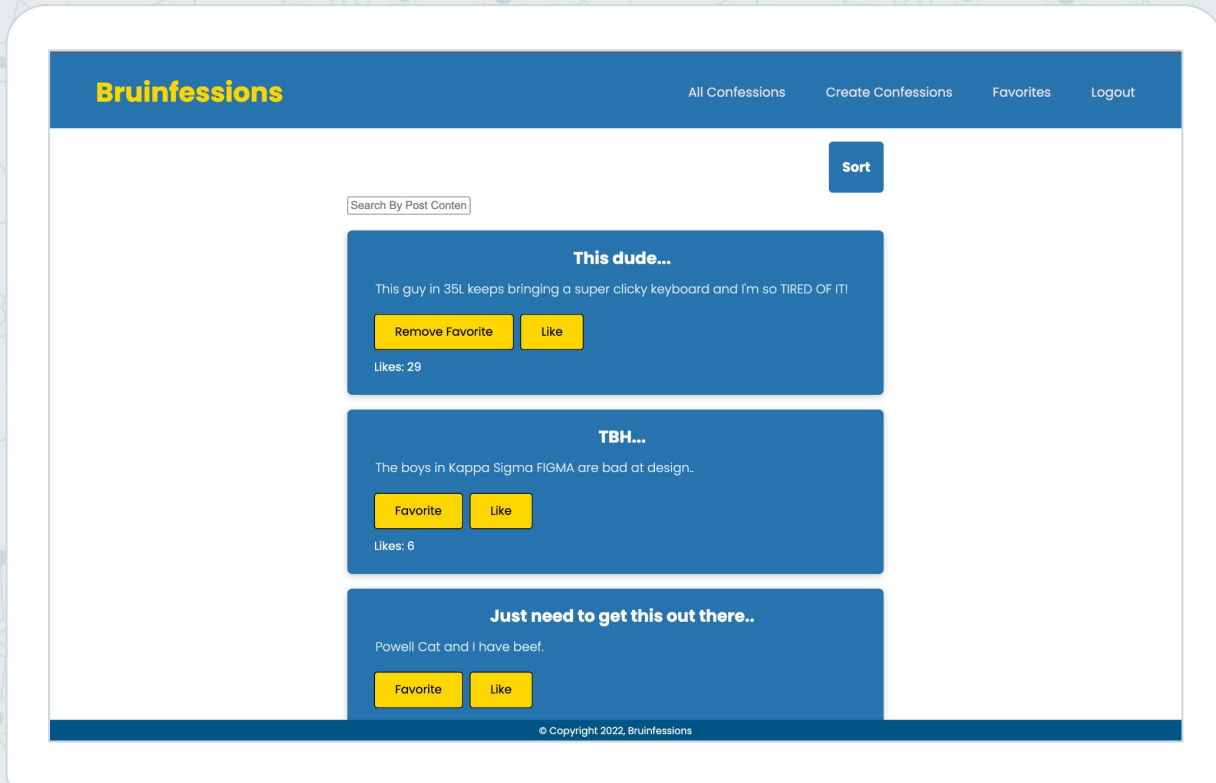
Inspirations

- Yik Yak
- Librex
- Instagram
- Facebook

Why Bruinfessions?

Take the complexity out of social media





Desktop View

Features

What's special about us?



Overview



Display Dynamic Data

Our page displays dynamic data, updating posts for everyone as confessions are added to the site (server side storage).



Liking Posts

Visitors of the site are able to interact with posts by liking them.



User Authentication

In order to post and favorite confessions, UCLA users must be authenticated by the site and log in to their profiles.



Feed Sorting

Visitors of the site can sort through the content by time and popularity (sorting by newest/oldest, sorting by most liked)



Favoriting Posts

Logged in users are able to save posts of their choosing into their favorites page.



Search for Content

Visitors of the site can sort through the content by using the search bar to look for specific text.

Display Dynamic Data

- Posts are dynamically updated when users post new confessions
- Likes and favorites are dynamically updated

'Fess up, Bruin!

Confession Title

This is a test confession for project demo

Confession Content

Enjoy Bruinfessions!

Add Confession

This is a test confession for project demo

Enjoy Bruinfessions!

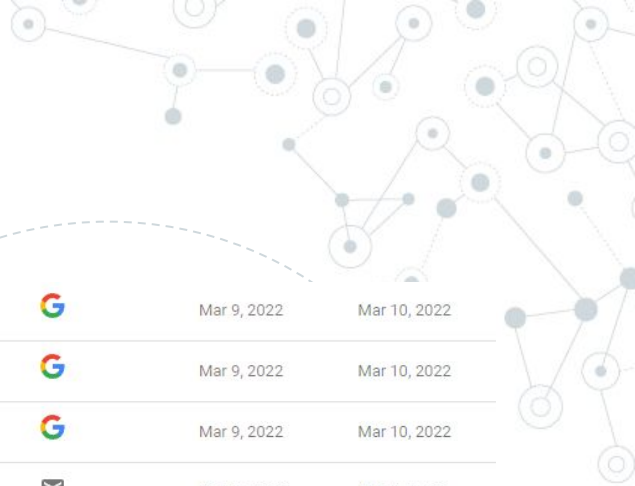
Favorite









Like


Likes: 0

Server Storage- User Authentication

- Firebase Google Auth
- Checks users email
- Rejects non ucla.edu addresses

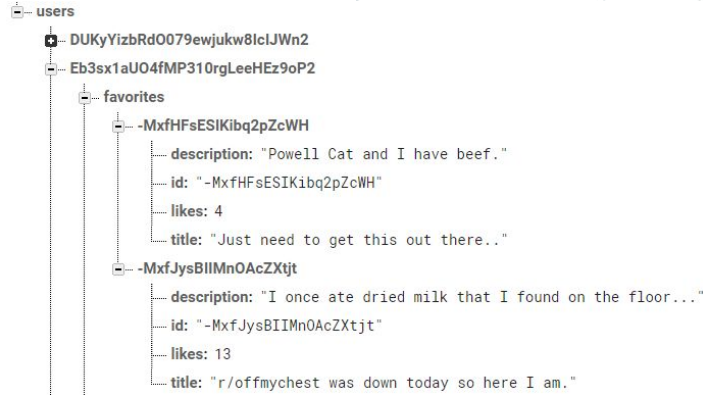


aadhiravi@g.ucla.edu		Mar 9, 2022	Mar 10, 2022
derekhua777@gmail.com		Mar 9, 2022	Mar 10, 2022
derekhua@g.ucla.edu		Mar 9, 2022	Mar 10, 2022
test@noemail.com		Mar 9, 2022	Mar 9, 2022
derekhua@ucla.edu		Mar 8, 2022	Mar 9, 2022
katnasif@ucla.edu		Mar 8, 2022	Mar 9, 2022
ttt@ttt.com		Mar 7, 2022	Mar 9, 2022
alberthan@ucla.com		Mar 7, 2022	Mar 7, 2022



Server Storage- Favoriting

- Each user assigned uid
- Favorites are associated with each user



Start Favoriting Some Confessions!

Derek Hua is an idiot

He struggles with even the most menial of tasks. It is sad to watch. I hope someday humanity grows past creating creatures like him.

Remove Favorite

Like

Likes: 1

Liking Posts

- Liked posts are associated with each user
- Each post also stores its own number of likes

```
Eb3sx1aU04fMP310rgLeeHEz9oP2
├── favorites
└── likes
    ├── -MxXV6AL_WiaDTF_eLYk
    │   ├── description: "The boys in Kappa Sigma FIGMA are bad at design.."
    │   ├── id: "-MxXV6AL_WiaDTF_eLYk"
    │   ├── likes: 3
    │   └── title: "TBH..."
    └── -MxfHFsESIKibq2pZcWH
        ├── description: "Powell Cat and I have beef.."
        ├── id: "-MxfHFsESIKibq2pZcWH"
        ├── likes: 4
        └── title: "Just need to get this out there.."
```

Creamy Boys

I love the taste of creamy boys in my mouth The truck is pretty good too

Favorite

Unlike

Likes: 3

Feed Sorting

- Newest
- Oldest
- Most Liked
- Done by querying database



Search for Content

- Allows user to search for keywords/phrases in post title or content
- Implemented by dynamic substring matching in Firebase

Sort

EMACS is trash!

Sorry had to say it even though I'm taking 35L taught by Eggert :(

Favorite

Like

Likes: 4


eggert is perfect

Eggert is a God. There is no one like Eggert. He is superior. He is all-knowing. He is perfection. We should all strive to be like Eggert.

Favorite

Like

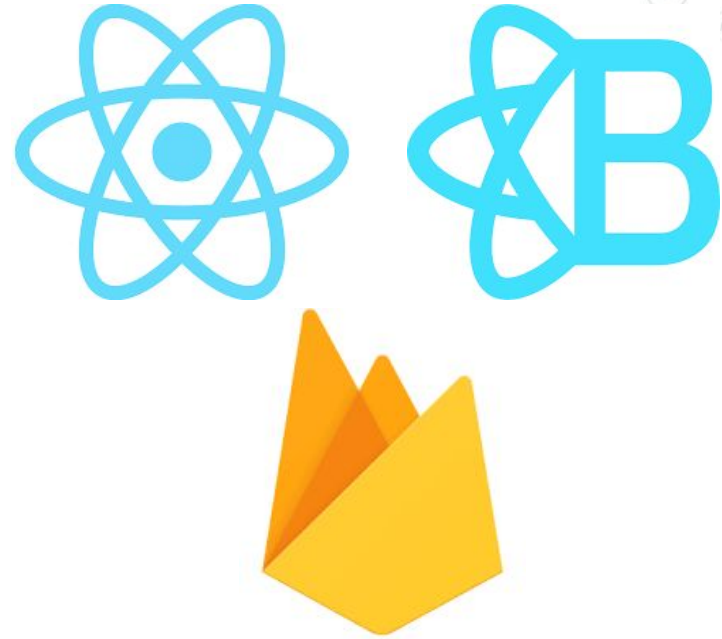
Likes: 0



**Now let's talk
about the tech
stack.**

Technologies used for our project

- ◎ React, JS
 - Bootstrap
 - Imported CSS
- ◎ Firebase
 - Real-Time Database
 - User Database
 - Email Authentication



The process is easy...





Thanks!

Any questions?

You can find us at:
The front of the room :)

