

Final Project for SW Engineering Class

CSC 648-848 Fall 2023

Team 3



Dan Tahir - Team Lead - dtahir@sfsu.edu

Cleveland Plonsey - Backend Lead

Ava Albert - Frontend Lead

Michael Mathews - Github Master

Griffin Evans - Team Member

Bryan Maldonado - Team Member

<https://tutors.tech>

December 13, 2023

1. Product Summary

Name of the Product:

SF State Tutors.Tech

Committed Functions:

Unregistered Users

1. User shall be able to view the home page
2. User shall be able to browse all tutors that are verified by admin
3. User shall be able to search for tutors
4. User shall be able to view information on a list of tutors
5. User shall be able to view a page for each tutor including the tutor's description and media
6. User shall be able to view reviews of tutors
7. User shall be able to view an average score for tutors
8. User shall be able to sign up

Registered Users

9. User shall inherit privileges from unregistered users
10. User shall be able to sign in
11. User shall be able to message tutors
12. User shall be able to become a tutor
 - 13.1 User shall be able to submit data including photo, subject, classes taught, bio, video, and pdfs
13. User shall be able to view an account page containing messages sent to them and by them
14. User shall be able to exchange new messages with people who have messaged them or whom they have already messaged
15. User shall be able to review tutors

Admins

16. Admin shall be able to view entries in the database in MySQL Workbench
17. Admin shall be required to approve tutors before their results are visible
18. Admin shall be required to delete accounts that violate terms of service
19. Admin shall only be permitted to approve and delete tutors
20. Admin shall be able to edit the database in MySQL Workbench

Product URL:

<https://tutors.tech>

2. Milestone Documents M1 - M4

3. Product Screen Shots

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SF STATE TUTORS.TECH

All Search Tutors.tech

Create Post About Us Sign In Sign Up

Welcome to SF State Tutors.Tech!

The number-one place for SFSU students to find or become a tutor!

Our three newest tutors

Kevin Griffin

3.7 ★

Physics

\$20.00/hr

Veronica Pyerton

4.0 ★

Spanish

\$28.00/hr

Sandeep Rao

4.0 ★

Music

\$30.00/hr

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Create Post About Us Sign In Sign Up

Showing 15 search results

Sort by: Price Apply sort

Dan

4.3 ★

Sociology

\$20.00/hr

Dan

4.3 ★

Math

\$20.00/hr

Jason Vance

5.0 ★

Theater

\$20.00/hr

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Math 225 

Create Post About Us Sign In Sign Up

Showing 5 search results Sort by: Price Apply sort ▲

 Dan 4.3 ★ Math \$20.00/hr See Post Message Tutor	 Carl Lewis 3.0 ★ Math \$35.00/hr See Post Message Tutor	 Amy Smith 5.0 ★ Math \$35.00/hr See Post Message Tutor
---	--	---



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Math 225 

Create Post About Us Sign In Sign Up

Showing 5 search results Sort by: Price Apply sort ▲

 Dan 4.3 ★ Math \$20.00/hr See Post Close Message	<div style="border: 1px solid black; padding: 10px; height: 150px; width: 150px; margin-left: 10px;">begin typing..</div> <div style="position: absolute; bottom: 0; left: 0;">Send Message Clear</div>	 Carl Lewis 3.0 ★ Math \$35.00/hr See Post Message Tutor
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The screenshot shows the homepage of the SF STATE TUTORS .TECH website. At the top, there is a navigation bar with links for "Create Post", "About Us", "Sign In", and "Sign Up". A search bar is also present. On the left, there is a profile section for "Kevin Griffin" featuring a photo, a 3.7 star rating, and a "Math Tutor - Rate: \$20.00" badge. Below this, there are sections for "Courses offered:" and "Reviews". The "Reviews" section displays two reviews from users "srao@sfsu.edu" and "vpyerton@sfsu.edu", both dated 12/08/2023. To the right, a large orange banner displays the title "Kevin Griffin's Post". Below the banner, a section titled "About Me" contains the text: "I am an amazing Math tutor. As a Math major I can tutor any math course from Math 225 to Math 645." A PDF viewer window titled "191.pdf" is overlaid on the page, showing a document titled "Tutor Flyer".

This screenshot shows the "Reviews" section of the website. It displays two reviews from users "srao@sfsu.edu" and "vpyerton@sfsu.edu", both dated 12/08/2023. The review from srao@sfsu.edu states: "Thanks to Kevin I was able to get through a very difficult class and even earn an A. I didn't think I could do it but with his help, I did." The review from vpyerton@sfsu.edu states: "Kevin is a great tutor! He tutored me in both math and physics! He really made sure I understood the material!" Below the reviews, there is a "See All Reviews" button. To the right, a PDF viewer window titled "191.pdf" is overlaid on the page, showing a document titled "Tutor Flyer".

Tutor Flyer

This screenshot shows the "CV" section of the website. It displays a PDF viewer window titled "191.pdf" showing a document titled "CV". The PDF viewer interface includes standard controls for navigating through the document pages.

Tutor Resume

Video

Video

Tutor Video
I am a great tutor

▶ 0:00 / 0:03



Kevin Griffin's Post



Math Tutor - Rate: \$20.00

Courses offered:

Contact Review

Reviews

showing 2 of 6



srao@sfsu.edu

★★★★★ Date: 12/08/2023

Thanks to Kevin I was able to get through a very difficult class and even earn an A. I didn't think I could do it but with his help, I did.

Please tutor me!

X

Send Message Clear



Math Tutor - Rate: \$20.00

Courses offered:

Contact Review

Reviews

showing 2 of 6



srao@sfsu.edu

★★★★★ Date: 12/08/2023

Thanks to Kevin I was able to get through a very difficult class and even earn an A. I didn't think I could do it but with his help, I did.

tutors.tech says
You need to be logged in to contact a tutor. You will be redirected to sign in.

OK

Please tutor me!

X

Send Message Clear



All

v

Search Tutors.tech



Create Post

About Us

Sign In

Sign Up

Sign In

SFSU Email:

Password:

Remember me:

[Sign In](#)

[Forgot Password?](#)

Don't have an account?

[Click here to create one](#)



All

v

Search Tutors.tech

Create Post

About Us

Sign In

Sign Up

Sign Up

SFSU Email: *

Password: *

Remember me:

Accept Terms of Service: *

[Sign Up](#)

* Required

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Create Post About Us Logout Dashboard

ckelvin@sfsu.edu

See Messages See Tutor Posts Upload Image Update Username Update Password

ckelvin@sfsu.edu's Conversations


kgrieffin@sfsu.edu
Subject: Math
Last message: 12/08/2023

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ckelvin@sfsu.edu

See Messages See Tutor Posts Upload Image Update Username Update Password

Upload a Profile Picture

Choose File No file chosen Upload

Uploading media will place your account on hold pending admin's approval of the uploaded content.

Danger Field

Delete Account

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Logout Dashboard



ckelvin@sfsu.edu



See Messages See Tutor Posts Upload Image Update Username Update Password

ckelvin@sfsu.edu's
Conversations



kgriffin@sfsu.edu

Subject: Math
Last message:
12/08/2023

kgriffin@sfsu.edu



Please tutor me! 12/08/2023

Start Typing...

Send

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Create Post About Us

Logout Dashboard



kgriffin@sfsu.edu



See Messages See Tutor Posts See Reviews Upload Image Update Username Update Password

kgriffin@sfsu.edu's
Conversations



ckelvin@sfsu.edu

Subject: Math
Last message:
12/08/2023

ckelvin@sfsu.edu



Please tutor me! 12/08/2023

Sure, when would you like to meet?

Send

The screenshot shows a messaging interface. On the left, there is a profile picture of a man with glasses. At the top, there are several navigation buttons: See Messages, See Tutor Posts, See Reviews, Upload Image, Update Username, and Update Password. Below these buttons, it says "kgriffin@sfsu.edu's Conversations". There are two messages listed:

- ckelvin@sfsu.edu**
Subject: Math
Last message: 12/08/2023
- awd@sfsu.edu**
Subject: Physics
Last message: 12/07/2023

On the right, there is a large circular profile picture of a woman. Below it, a message from "ckelvin@sfsu.edu" is shown in a blue bubble: "Please tutor me! 12/08/2023". A response from "ckelvin@sfsu.edu" is shown in a green bubble: "Sure, when would you like to meet? 12/08/2023". At the bottom, there is a text input field with "Start Typing..." and a "Send" button.

The screenshot shows the Tutors.tech website. At the top, there is a header with the text "SFSU Software Engineering Project 648-848, Fall 2023. For Demonstration Only." followed by the logo "SF STATE TUTORS .TECH". There are navigation links for All, Search Tutors.tech, Create Post, About Us, Logout, Dashboard, and a notification bell icon with a red badge containing the number 1.

The main content area shows a user profile for "ckelvin@sfsu.edu" with a large circular profile picture. At the top, there are several buttons: See Messages, See Tutor Posts, Upload Image, Update Username, and Update Password. Below these buttons, it says "ckelvin@sfsu.edu's Conversations". There is one message listed:

- kgriffin@sfsu.edu**
Subject: Math
Last message: 12/08/2023

At the bottom of the page, there is a dark red rectangular box with the text "Danger Field" in white.

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All Search Tutors.tech

Create Post About Us Logout Dashboard

kgriffin@sfsu.edu sent you a message!

ckelvin@sfsu.edu

See Messages See Tutor Posts Upload Image Update Username Update Password

ckelvin@sfsu.edu's Conversations


kgriffin@sfsu.edu
Subject: Math
Last message: 12/08/2023

Danger Field

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All Search Tutors.tech

Create Post About Us Logout Dashboard

ckelvin@sfsu.edu

See Messages See Tutor Posts Upload Image Update Username Update Password

ckelvin@sfsu.edu's Conversations


kgriffin@sfsu.edu
Subject: Math
Last message:
12/08/2023



Please tutor me! 12/08/2023

Sure, when would you like to meet?

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All Search Tutors.tech

Create Post About Us Logout Dashboard

ckelvin@sfsu.edu

See Messages See Tutor Posts Upload Image Update Username Update Password

Current Posts:
You have no posts, click here to create one.

Danger Field

Delete Account

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All Search Tutors.tech

Create Post About Us Logout Dashboard

Create Tutoring Post

Description:
Describe yourself here. Include course numbers of the classes you tutor.

0/1000 characters

Your Name:

Subject:
All

Hourly Rate: \$
20

Upload CV (PDF):
Choose File No file chosen

Your Name: *

Subject: All *

Hourly Rate: \$ 20 *

Upload CV (PDF):
 No file chosen

Upload Flier (PDF):
 No file chosen

Upload Video:
 No file chosen

* Required

Note: New posts may take up to 24 hours to be approved.

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All

kgriffin@sfsu.edu



Current Posts:

Physics	\$20.00/hr	X
Math	\$20.00/hr	X

Danger Field

4. Database Organization

Schemas: SFStateTutors

Tables: messages

Columns:

- message_id
- recipient_id
- sender_id
- message_text
- date_stamp
- post_id
- thread_id

Indexes, Foreign Keys, Triggers, notifications, sessions, tutor_posts, tutor_reviews, tutors_subjects, users, Views, Stored Procedures, Functions.

Query 1: messages

```
1 • SELECT * FROM SFStateTutors.messages;
```

Result Grid:

message_id	recipient_id	sender_id	message_text	date_stamp	post_id	thread_id
1	1	21	Hey dude, I'm intere...	2023-10-...	1	1_21_1
5	1	52	hi	2023-10-...	1	1_52_1
14	21	52	hi im awd	2023-10-...	66	21_52_66
15	65	65	You sound like a gre...	2023-10-...	100	65_65_100
16	21	21	hey Joe what's up I...	2023-10-...	66	21_21_66
17	21	21	jhkdsfh;asdfas	2023-10-...	66	21_21_66
18	21	21	yooooo	2023-10-...	66	21_21_66
19	21	21	dsfas	2023-10-...	66	21_21_66
20	21	21	safsd	2023-10-...	66	21_21_66
21	21	21	jfkdsfasdf	2023-10-...	66	21_21_66

messages 1 x

Output: Action Output

File Edit View Query Database Server Tools Scripting Help

Navigator: SFStateTutors

Tables: message_likes, messages, notifications

Columns:

- id
- name
- recipient_id
- sender_id
- type
- post_id

Indexes, Foreign Keys, Triggers, notifications, sessions, tutor_posts, tutor_reviews, tutors_subjects, users, Views, Stored Procedures, Functions.

Query 1: notifications

```
1 • SELECT * FROM SFStateTutors.notifications;
```

Result Grid:

id	name	recipient_id	sender_id	type	post_id
20	Flame@sfsu.edu reviewed your services!	1	21	reviews	1
27	Flame@sfsu.edu reviewed your services!	1	21	reviews	1
28	Flame@sfsu.edu sent you a message!	1	21	messages	1
32	Flame@sfsu.edu sent you a message!	94	21	messages	102
34	awd@sfsu.edu sent you a message!	1	76	messages	1
44	princesspeach@sfsu.edu reviewed your services!	1	86	reviews	1
85	awd@sfsu.edu sent you a message!	1	76	messages	1
134	awd@sfsu.edu sent you a message!	1	76	messages	1
135	awd@sfsu.edu sent you a message!	86	76	messages	180
136	awd@sfsu.edu sent you a message!	86	76	messages	180

notifications 1 x

Output: Action Output

Navigator

Query 1 **tutor_posts**

Result Grid

tutor_id	subject	description	flier_url	cv_url	video_url	hourly_rate	is_pending	post_id
1	Math	Hi Im cleveland and I have a lot of experience with math. I c...	null	null	null	22.00	1	1
21	Physics	yay it worked	/fliers/66.pdf	/cv/66.pdf	/videos/66...	20.00	1	66
52	Music	test links	/fliers/68.pdf	/cv/68.pdf	/videos/68...	20.00	1	68
27	Spanish	Hi I'm Dan and I'm a great tutor!	null	/cv/96.pdf	null	50.00	1	96
27	Sociology	Hi I'm Dan and I teach Sociology 222 and Sociology 255	null	null	null	20.00	0	97
27	Math	I tutor Math 225 and Math 250	null	null	null	20.00	0	98
27	Math	I tutor Math 235 and Math 550	null	null	null	20.00	1	99
65	Theater	I love to tutor theater! I tutor theater 325 and theater 228.	null	null	null	20.00	0	100
21	Spanish	Hi, I'm Flame. I'm very good at Spanish and I can help anyone.	/fliers/102.pdf	null	null	25.00	1	102
...	null	null	null

tutor_posts1

Output

Action Output

Message

1 15:26:09 SELECT * FROM SFStateTutors.tutor_posts LIMIT 0, 1000

54 row(s) returned

Navigator

Query 1 **tutor_reviews**

Result Grid

tutor_id	review	rating	reviewer_name	reviewer_id	time_stamp	review_id
1	hi	2	awd@sfsu.edu	52	2023-10-12 08:45:05	1
1	zzzzz	3	awd@sfsu.edu	52	2023-10-12 08:47:02	2
1	123	3	awd@sfsu.edu	52	2023-10-12 08:49:02	3
1	qwe	3	awd@sfsu.edu	52	2023-10-12 08:50:05	4
1	qq...	1	awd@sfsu.edu	52	2023-10-12 09:25:02	5
1	not great	3	Clee	1	2023-10-16 09:48:04	6
1	youyoyo	4	Clee	1	2023-10-16 09:49:00	7
1	he really knew his algebra!	5	Clee	1	2023-10-17 09:01:01	8
1	I enjoyed his taylor series lesson	4	Flame@sfsu.edu	21	2023-10-17 09:50:05	9
21	This guy is really good... Trust me, I know.	5	Flame@sfsu.edu	21	2023-10-17 10:00:01	10
...

tutor_reviews1

Output

Action Output

Message

2 15:55:40 SELECT * FROM SFStateTutors.tutor_posts LIMIT 0, 1000

55 row(s) returned

Navigator: Schemas

Query 1 tutors_subjects

```
1 • SELECT * FROM SFStateTutors.tutors_subjects;
```

Result Grid

	id	subject_name
▶	3	All
	11	Biochemistry
	2	CS
	1	Math
	6	Music
	12	Physical Education
	4	Physics
	9	Rocket Science
	8	Sociology
	7	Spanish

Action Output

#	Time	Action
1	10-06-17	SELECT * FROM SFStateTutors.tutors_subjects LIMIT 0, 1000

Message

Navigator: Schemas

Query 1 users

```
1 • SELECT * FROM SFStateTutors.users;
```

Result Grid

	id	isadmin	istutor	username	hashed_password	img_url	isp	courses
▶	1	0	1	Clee	\$2b\$10\$93xJ2mHxtK6bFcoZOw23unOx16xUX...	/userImages/Cleveland.png	1	csc230 art100 hist300
	6	0	1	flea	\$2b\$10\$fpck9TLxZ.2jxEK1fv4fUa.TPdJl8QDUJ5...	/userImages/flea.png	0	
	7	0	0	admin	\$2b\$10\$.0Xbm7DKmMhnoNVTp8.vJ3LNvFd...	/userImages/stockImage.png	0	
	16	0	0	nadeemtahir	\$2b\$10\$pSwAMkBMpl8Pi.JdA1YEuJu2mhvxFCY...	/userImages/stockImage.png	0	
	17	0	1	barbaratahir	\$2b\$10\$wqRfp/sNc2caS0EJEO/EWfzclE6...	/userImages/stockImage.png	0	
	21	0	1	Flame@fsu.edu	\$2b\$10\$tOpV.ecCjmKW0jCOU6r5uN3Wpefah...	/userImages/21.png	0	csc415 eng114
	22	0	1	PHANTOM	\$2b\$10\$RU8.8P.qRGc7ctVT/zCf1ZgDApZYmj...	/userImages/PHANTOM.png	1	
	27	0	1	dtahir@fsu.edu	\$2b\$10\$40vYmsG0d8Lfr9sgfm14eMBgdPeOQ...	/userImages/dtahir@fsu.edu.png	1	
	52	0	1	awd@fsu.edu	\$2b\$10\$xhFnF2xJA.S0pZHODJ8ZvOHUeJhKb5...	/userImages/52.png	1	MATH101

Action Output

#	Time	Action
1	10-06-17	SELECT * FROM SFStateTutors.users

Message

5. Github Organization

Main Branches:

main, development

Who had access to main:

Michael Mathews, Github Master

Screenshot of Github Homepage:

The screenshot shows the GitHub repository page for `csc648-03-fa23-team03`. The repository is private, has 4 branches, and 0 tags. The main branch is selected. The commit history shows 500 commits from various contributors, including `rubbur`. The repository has 1 watch, 0 forks, and 4 stars. It includes sections for About, Releases, Packages, and Contributors.

About

`csc648-03-fa23-team03`

- Readme
- MIT license
- Activity
- 4 stars
- 1 watching
- 0 forks

Releases

No releases published
[Create a new release](#)

Packages

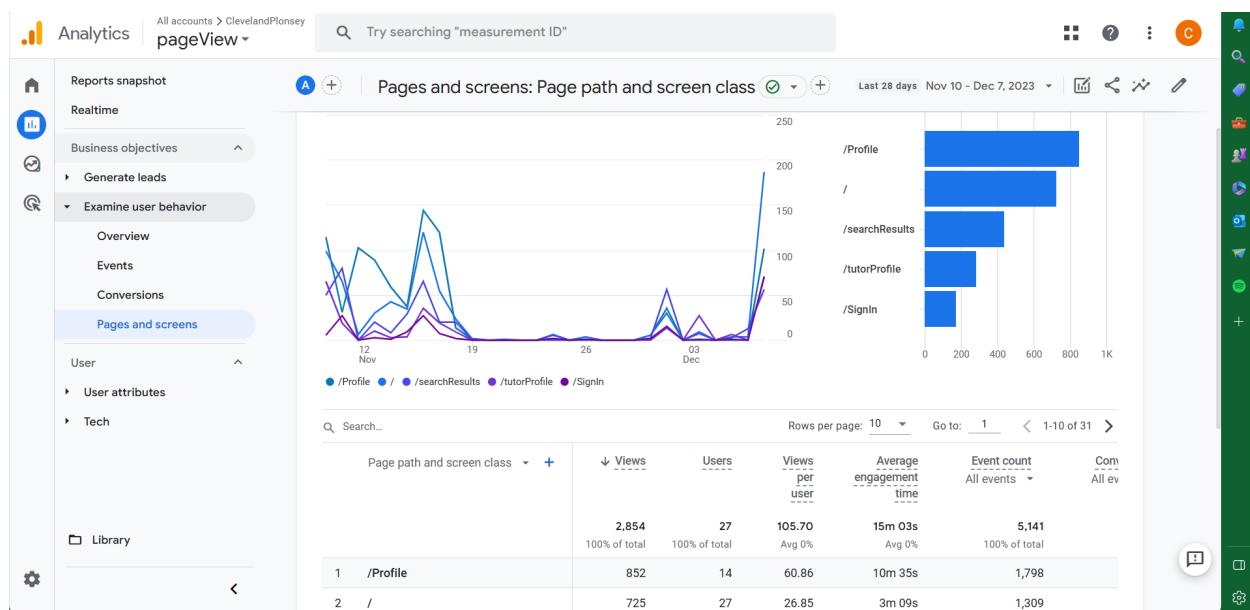
No packages published
[Publish your first package](#)

Contributors 5

Commit History

Author	Commit Message	Time
rubbur	Merge pull request #84 from CSC-648-SFSU/development	af20a56 · 6 hours ago
	edit pull request template	2 months ago
	added milestone 3 p1 items to M3 folder	last week
	run npm format	7 hours ago
	updated credentials readme with new ip address and AWS url	last month
	fixed viewing conversation + navbar padding	last month
	Initial commit	3 months ago
	create messageView	2 months ago
	fixed viewing conversation + navbar padding	last month

6. Google Analytics



The screenshot shows the Google Analytics Events report with the following details:

- Legend:** page_view (blue), scroll (light blue), user_engagement (purple), session_start (pink), first_visit (light pink).
- Search bar:** Search..., Rows per page: 10, 1-7 of 7.
- Table headers:** Event name, +, ↓ Event count, Total users, Event count per user, Total revenue.
- Table data:**

Event name	+	↓ Event count	Total users	Event count per user	Total revenue
		5,141 100% of total	27 100% of total	190.41 Avg 0%	\$0.00
1 page_view		2,854	25	114.16	\$0.00
2 scroll		1,107	25	44.28	\$0.00
3 user_engagement		1,030	21	49.05	\$0.00
4 session_start		122	24	5.08	\$0.00
5 first_visit		17	17	1.00	\$0.00
6 form_start		8	1	8.00	\$0.00
7 form_submit		3	1	3.00	\$0.00

7. Project Management

Our most useful project management tool was a shared Google doc that we collectively edited and updated.

To Do - Team 3 CSC 648

Blue = Michael

Red = Cleveland

Pink = michael and Cleveland

Last updated 11/17/23:

- Make it so the tutor cards open the message box to the right in desktop view rather than underneath (they should still open underneath in mobile view)
 - Test / fix google analytics
 - Google maps?
 - Calendar?
- ~~— Socketio so that notifications and messages are sent persistently. Mostly working~~
- ~~— Fix sort direction DONE~~
1. On login, user connects to socket. Sends connection event to backend. Backend joins user to a room named after their userId
 2. When a user sends a message or a review, send a notification event to backend containing the recipientId and any other data.
 3. Backend is listening for notification events. When backend gets a notification event,
 4. Emit a sendNotification event to the room with the recipientId.
 5. Every user that is loaded in will be listening for sendNotification events.

5. Every user that is logged in will be listening for sendNotification events.
6. Catch a sendNotification event and handle it by putting the received notification in the notification component.

Finished:

- Subjects pull from db on create post and search dropdown
- message threads need front-end part
- Add messages ([Message previews work](#))
- Contact button on the post view page
- [Search is maximum 10 characters, error message if you try to write more](#)
- Comments - Header comment for each major part of the code stating author, date written, and purpose
- Install Google Analytics (kind of works?)
- When a search returns 0 results, display 3 tutors selected by any criteria (recent, random, top, etc)
- On the home page, [get rid of the photo](#), keep the text, and beneath the text display 3 tutors selected by any criteria (recent, random, top, etc)
- [check new usernames for "@sfsu.edu", return an error message if they try to register without one, add text to the sign up page indicating that they have to use an sfsu email address as their user name](#)

8. Team Member Self Assessment and Contributions

DT

Danial Nadeem Tahir

To: Cleveland Louis Plonsey; Ava Olivia Albert; Michael Ryan Mathews; Griffin Evans; Bryan Alexander Maldonado; Tue 12/5/2023 10:18 AM
Danial Nadeem Tahir

Hello Team 3,

I'm Dan Tahir, Team Lead for Team 3. I contributed code to the design of several frontend pages and bringing several pages up to spec on mobile display. I attended every class from start to finish and took notes of everything the professor said and made sure our team was on track with what the professor was telling us to do across the life of the project. I was the largest contributor to the documentation and did most of milestone 1, all of milestone 2, several sections of milestone 4, and will complete most of milestone 5. As team lead I set priorities for what the team needed to work on and led meetings.

I had 53 commits to main, which is low compared to our most prolific teammates but in the middle for our team.

I had very few challenges in terms of working as a team, as I had people who were extremely motivated and got things as soon as I had assigned them or even before I had assigned them, it took very little motivation from me to get things done. There were a few team members who didn't do as much and I would have liked to find ways to get them more involved.

I would say that next time I would have us wait to start coding until some of the site design was clearer since we had to redo some work and throw some code away based on misconceptions about the project but at the same time we got a lot done by starting early that we didn't have to throw away so maybe I'd start early anyway.

Overall I'd say it was a positive learning experience and I think I made a reasonable contribution to the team.

Dan Tahir
Team 3 Lead
SN 920838929



Michael Ryan Mathews

To: Danial Nadeem Tahir; Cleveland Louis Plonsey; Ava Olivia Albert; Griffin Evans; Bryan Alexander Maldonado
Cc: Danial Nadeem Tahir; Cleveland Louis Plonsey; Ava Olivia Albert; Griffin Evans; Bryan Alexander Maldonado

Tue 12/5/2023 11:47 PM

Hi Team 3,

This is Michael, the GitHub master. My contributions were mainly front-end at the start, but I started to learn some back-end stuff through Cleveland. I created the navigation bar for desktop and mobile devices. I also created the pages for creating a post, signing in, and signing up. Over time, multiple members have helped with the front-end and back-end code for these components. I did some documentation such as competitive analysis for milestone one and peer code review for milestone four. On GitHub I kept track of our branches and pull requests.

I have 187 commits to our repo. I could have done less commits, but I like having many commits to look through if something breaks.

The main challenge I had was trying to get started with all of the different things we were using. Before this project, I had never used MySQL, React, PuTTY, or an EC2 cloud server. Best practices for each of these is something I would like to get better at in the future. Some of the requirements were confusing but luckily our team lead was always willing to communicate with the professor.

In the future, I will look at videos about how to start a project correctly in a new framework. Some things I used such as "npm create-react-app" are no longer the best option. I will also try to communicate about what I'm working on and my progress so everyone knows what they should be doing.

Michael Mathews
GitHub Master
920734916

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Reply

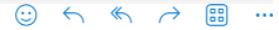
Reply all

Forward



CP

Cleveland Louis Plonsey



To: Ava Olivia Albert; Griffin Evans; Michael Ryan Mathews; Bryan Alexander Maldonado; Danial Nadeem Tahir

Fri 12/8/2023 8:40 PM

Cc: Danial Nadeem Tahir; Griffin Evans; Michael Ryan Mathews; Bryan Alexander Maldonado; Ava Olivia Albert

Dear Team 3,

I am Cleveland Plonsey, serving as the Backend Lead for our team. In collaboration with Dan Tahir, our dedicated Team Lead, I successfully configured the AWS hosting environment, utilizing EC2, PM2, Nginx, and SSL certification. Notably, I orchestrated the seamless serving of frontend static files through our backend infrastructure.

Additionally, I enlisted the assistance of Griffin in setting up subdomains via Route 53. Establishing a well-organized file structure within the server directory, I implemented the route-view controller pattern for enhanced efficiency. Taking charge of security measures, I developed authentication and sanitization middleware, integrating MySQL session store for session management.

As a major contributor to our MySQL schema, I oversaw its creation and maintenance. Extending my efforts to the backend functionality, I implemented file uploading mechanisms and spearheaded approximately 80% of the controllers.

In the realm of gathering diagnostic data, I configured Google Analytics to provide valuable user insights. Acknowledging the importance of knowledge sharing, I led coding sessions to impart React and SCSS expertise to team members. Furthermore, I mentored Michael in full-stack development, witnessing his commendable progress and high-level coding capabilities. He is now a formidable full stack developer-- which I wish I could take credit for, but I can not explain his awesome aptitude for web development.

Assuming responsibility for the codebase's integrity, I diligently cleaned up after the completion of each feature, resolved merge conflicts, and merged pull requests. My involvement extended to the frontend domain, where I substantially contributed to the react codebase.

Collaborating with Michael, I successfully implemented Socket.IO for live notifications. However, I must candidly admit that three of my full-stack features were either killed or nerfed. This experience underscored a vital lesson: the importance of obtaining upper management's consent before developing and deploying features.

Throughout this project, I aimed to be a valuable technical resource and readily provided guidance to team members seeking assistance or advice on making contributions.

Sincerely,
Cleveland Plonsey, (and openai)
Backend Lead, Team 3

 **Griffin Evans**

To: Danial Nadeem Tahir; Cleveland Louis Plonsey; Ava Olivia Albert; Michael Ryan Mathews; +1 other

Wed 12/6/2023 9:30 AM

Hi Team,

I'm Griffin Evans, one of the members of Team 3. I didn't have a special role in the project, and I contributed in multiple areas, including front-end, back-end, and system administration. As I have significant professional and personal web development experience, I was able to give guidance and advice to other team members, especially early on in the project when we were trying to make informed decisions about our project's scope and our choice of tooling.

I had 11 commits, totaling ~3,000 lines of code. Although I didn't write as much code, I contributed to the project's scope, organization, and implementation choices from day one, and did QA testing throughout the project's duration.

I had no issues with this team project. I feel incredibly lucky to have a fantastic team, and I have deeply enjoyed working with them on this project. My only challenge was with my own lack of time, and my inability to contribute as much code to the repository as I would have liked.

If I had the chance to start the project over again, I would make sure to consult the CEO before adding any new features or deviating significantly from what was discussed.

I had a great experience working on this project, and I hope the rest of my team feels the same way.

Griffin Evans

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 **Bryan Alexander Maldonado**

To: Danial Nadeem Tahir; Cleveland Louis Plonsey; Ava Olivia Albert; Michael Ryan Mathews; Griffin Evans

Cc: Danial Nadeem Tahir; Cleveland Louis Plonsey; Ava Olivia Albert; Michael Ryan Mathews; Griffin Evans

Sat 12/9/2023 12:10 AM

Hi Team,

I'm Bryan Maldonado and I was a team member of Team 3 with no specific role in the project. In terms of what I did for our site I was mainly doing documentation along with testing and finding bugs within the site itself before production. I worked with Ava creating the use cases and storyboards of our initial design, along with that I worked with Cleveland briefly to begin implementing Sockets into our site. I did not have any commits since as previously stated I mainly worked on documentation and testing the production environment to have a working product with no bugs.

Overall, I didn't have any issues with my team, and they were all very on top of the tasks assigned to them. The only main challenge that I personally had faced was being able to find a time that worked with my group in order to write some lines of code on my end, most of the coding took place at night when I was unavailable as I work early mornings. Other than that, my team was great and had finished all that was asked of us and them some. Our team lead was not afraid to ask questions and was very informed about what the CEO wanted for the product, making sure we followed the guidelines and delivered what was asked.

In terms of what I would do better next time based on what I had learned, I would have liked to up my commits and contribute more to help the group out. Along with that it would probably be best to not be too far ahead as there were many times where we did more than what was asked of us, and it conflicted with the CEO's interest thus making our code irrelevant.

Bryan Maldonado
922023567

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Ava Olivia Albert

To: Danial Nadeem Tahir; Cleveland Louis Plonsey; Michael Ryan Mathews; Griffin Evans; Bryan Alexander Maldonado

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Sun 12/10/2023 3:33 PM

Hi Team 3,

This is Ava, the front-end lead. In terms of my role, I feel that I focused on shaping the visual aesthetics of our website, primarily color scheming, font choice and ensuring a user-friendly interface through usability testing rather than primarily coding. I contributed to the initial storyboards, use cases, and documentation alongside Bryan. Additionally, with guidance from Cleveland and Michael I learned React + SCSS and implemented some functionalities for key pages, such as the tutor post reviews. I also handled all animations to enhance the overall user experience.

Regarding GitHub submissions, I made a total of 15 commits. While this number is relatively low, my role predominantly revolved around testing and maintaining visual standards we wanted for our site. In discussions with the team I actively attempted to generate ideas, proposing features like stars and ratings, and assessed team visual contributions to ensure they aligned with our website's UX objectives.

One of the primary challenges I faced in this project was working with and understanding Git/Github and the relationship between elements of the stack. I had never committed code to a team repository or ever made more than one branch. Fortunately, the team played a crucial role in guiding me through these challenges, imparting valuable lessons in the flow of git and making sure I committed clean and effective code. Collaborating with them was super helpful throughout the development process.

In future, I recognize my areas for improvement in my understanding of version control and planning stages in full-stack development. Despite my lower commit count, I actively participated in discussions, gaining valuable knowledge about coding practices, implementation strategies, and overall project planning. I've learned a lot from this experience, and I am eager to apply these insights in my future team projects. Finally, I want to express my gratitude for the opportunity to work with such a talented and supportive team.

Thank you all for your collaboration and guidance.

Ava Albert
Front-end Lead
921140932

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