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# SFSU-BASED TUTORING WEBSITE - MILESTONE 2

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SW ENGINEERING CSC 648-848 FALL 2024 Team 7



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## Document History:

Submitted 1st Draft: 10/20/24

Submitted 2nd Draft: 12/17/2024

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# **Executive Summary**

## **Overview**

This website is designed to help SFSU students find tutors that can help them with whatever subject they are studying.

The tutoring website allows students to search for tutors either by subject they teach or by a generic, basic text search. The student can then browse through the selection of tutors and see whatever information they have posted and find one they feel will best fit their needs. Then, if a student finds a tutor they would like to study with, they can make an account on the website and message that tutor to let them know they are interested in working with them. Then for those looking to become tutors there will be a separate page where one can apply to become a tutor. This application will be manually approved, and their information will be added to the database of tutors available on the website. Students using services and tutors providing services are SFSU students.

This project is needed to provide for the students the ability to network with tutors and receive the help they need in a timely manner. Additionally this website will provide a platform for tutors who are knowledgeable in their respective subjects to find students/clients to teach more effectively than they could by word of mouth. Overall, the tutoring website is created for the benefit of the SFSU students looking to better their academic outcomes, and the benefit for the student tutors who are looking to expand their outreach in the SFSU community.

# Main Entities & Data Items

## User Types

### Unregistered Users

- Description: Entity which can only search for tutors. Shall be able to register and become a Registered User.

### Registered Users

- Description: Entity signed up on our website to either seek academic support from a tutor and/or become a tutor. Needs to Login/Register.

### Admin

- Description: Entity which approves or denies incoming pending tutor applications and message postings. Needs proper admin login credentials to control DB.

# Main Entities

## 1. Registered \_ User

- **Description:** Entity signed up on our website to either seek academic support from a tutor and/or become a tutor. Needs to Login/Register.
- **Values:**
  - ID: Unique Identifier for each Registered User
  - Name: Name of Registered User
  - SFSU Email: Email Address of Registered User
  - Password: Password of Registered User

## 2. Tutor

- **Description:** Entity which provides academic help to students. Needs to Login/Register. (Approved By Admin)
- **Values:**
  - Reg\_User\_ID: Identifier to link each tutor to their registered\_user account
  - ID: Unique identifier for each tutor
  - Name: Tutor Name
  - Bio: Tutor's Brief Biography/Description
  - Subject: Subject that the tutor is offering help for
  - Courses: Courses that the tutor has taken.
  - Photo: Image of the tutor
  - Video: Brief video of tutor
  - Approval\_Status: Status of the tutor application
- **MANDATORY Sub-Items:**

- Subjects

### 3. Subject (SFSU Specific)

- **Description:** Entity which contains subjects offered at SFSU
- **Values:**
  - ID: Unique identifier for each subject
  - Name: SFSU's subject name

### 4. Message

- **Description:** Entity which communicates text between 2 registered users.
- **Values:**
  - ID: Unique identifier for each message
  - Message: Text content of a message
  - Sender's ID: Registered\_User\_ID of message sender
  - Recipient's ID: Registered\_User\_ID of message recipient
  - Approval\_Status: Status of the message

## Optional Items (Accessible to anyone & Needs Approval of Admin)

### Review

- **Description:** Entity which users express feedback on a tutor for others to see
- **Values:**
  - ID: Unique ID for each review
  - Message: Text content of each review message
  - Sender's ID: Unique identifier of review sender

- Recipient's ID: Unique identifier of review recipient
- Approval\_Status: Status of the review

# Functional Requirements - Prioritized

## Priority 1

- **Unregistered Users**

1. Unregistered Users shall be able to search for tutors by SFSU subject and/or SFSU course, tutor's bio and name of tutor.
  - 1.1. Shall use %like% search to retrieve tutors by their name, subjects, and description values.
  - 1.2. Shall have a dropdown menu which matches subjects to tutors who teach the selected subject.
  - 1.3. Shall be able to view tutor postings matching their request.
2. Unregistered Users shall be able to search from any page.
  - 2.1. Search shall exist and work on all pages of the website.
3. Unregistered users shall be able to view the profile of a tutor which will include relevant information like what SFSU subject and SFSU courses they teach.
  - 3.1. Shall display DB values from the tutor table including name, subject, bio, etc.
4. Unregistered Users shall be able to view tutor's videos.
  - 4.1. Each tutor shall have the option to upload a video.
  - 4.2. Approved videos shall be loaded from our file system.
5. Unregistered Users shall be able to view tutor's images.
  - 5.1. Each tutor shall have the option to upload an image.
  - 5.2. Approved images shall be loaded from our file system.
6. Unregistered Users shall be prompted to log in to message tutors.
  - 6.1. Access to the message page shall be restricted for inactive sessions.
  - 6.2. Shall redirect to the login page.
7. Unregistered Users shall be prompted to log in to view the dashboard.

- 7.1. Access to the dashboard page shall be restricted for inactive sessions.
8. Unregistered Users shall be prompted to log in to apply as a tutor.
  - 8.1. Access to the tutor application page shall be restricted for inactive sessions.
9. Unregistered Users shall be able to register.
  - 9.1. Registration Page shall exist and ensure SFSU status when creating an account.

## ● Registered Users

10. Registered Users shall inherit all privileges of Unregistered Users.
  - 10.1. When a session is active all search and media shall be available.
11. Registered Users shall be able to reset their password.
  - 11.1. Login Page shall allow users to reset their password using their SFSU email.
12. Registered Users shall be able to apply as a tutor.
  - 12.1. Submitted tutor application via tutor\_application page shall be pending an approval decision by Admin.
13. Registered Users shall be able to message a tutor.
  - 13.1. Message page shall list all approved tutors
  - 13.2. Send the tutor a message and the message shall be pending an approval from Admin.
15. Registered Users shall have a dashboard listing all received messages.
  - 15.1. Dashboard page shall list all received approved messages for logged in user.
16. Registered Users shall be able to add a description on their tutor application.
  - 16.1. Within the tutor\_application page shall exist a bio field.
17. Registered Users shall be able to add an image on their tutor application.
  - 17.1. Within the tutor\_application page shall exist an image upload field.
18. Registered Users shall be able to add a video on their tutor application.
  - 18.1. Within the tutor\_application page there shall exist a video upload field.

- **Admin**

19. Admin shall be required to approve/deny all tutor applications and messages.
  - 19.1. All tutor applications and messages shall initially be set as pending.
  - 19.2. Admin shall either approve/deny.
20. Admin shall not have full control over the entire DB just access to necessary approval\_status.
  - 20.1. Admin shall have an account with MySQL connection.
  - 20.2. Admins shall have the ability to view tutor and message tables but only have the ability to update approval status

## Priority 2

- **Registered Users**

14. Registered Users shall be able to review a tutor.
  - 14.1. Review Table must exist in our DB and Review page must exist on our site
  - 14.2. Pick a tutor and leave a review
  - 14.3. We shall need admin approval before it goes live.

## Priority 3

- **Admin**

- Moderator page to manage content.

# UI/UX Storyboards and Mockups

## Unregistered User Looking for a Tutor

Mary needs to find a tutor to help her in English. She searches by the subject English and then goes through the names of tutors that show up. As she tries to send her message to the selected tutor, she is then prompted to either sign in or register. She signs in and sends the message. The tutor responds within a reasonable time and the two of them discuss payment on a separate platform.

The image displays two wireframe mockups of a website interface for finding tutors, separated by a vertical dark bar.

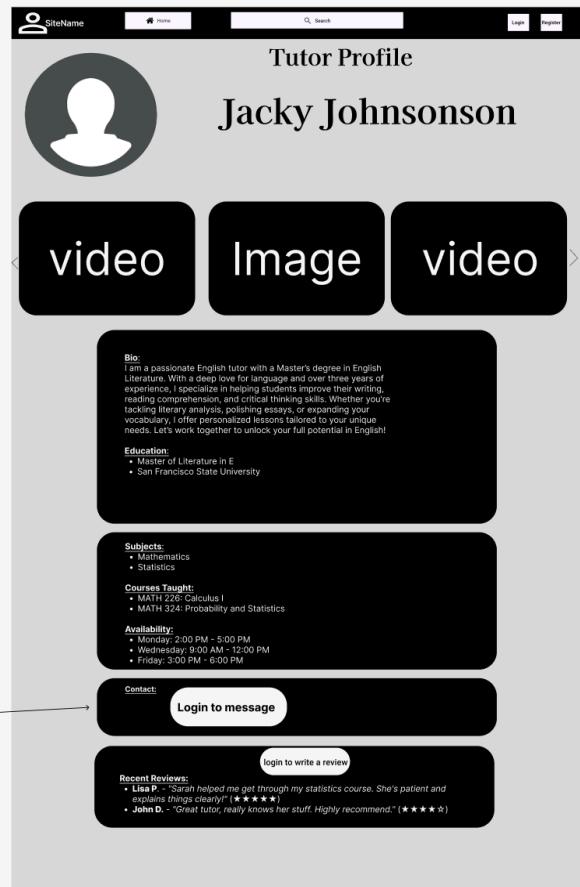
**Left Mockup (Initial View):**

- Header:** SiteName, Home, Search, Login, Register.
- Section Headers:** Popular Courses, Popular Subjects, Popular Tutors.
- Content:** Three rows of cards for courses, subjects, and tutors. For example, under Popular Courses: CSC 101 (Course title: CSC 101, Enrollment: 150), Computer Science (Subject: Computer Science, Topics: Algorithms), Dr. A. Smith (Tutors: Dr. A. Smith, Courses: CSC 101, 301).
- Section Headers:** Trending Courses, Trending Subjects, Trending Tutors.
- Content:** Three rows of cards for trending courses, subjects, and tutors. For example, under Trending Courses: CSC 210 (Course title: CSC 210, Enrollment: 220), Data Science (Subject: Data Science, Topics: Machine Learning), Dr. M. Taylor (Tutors: Dr. M. Taylor, Courses: CSC 210, 445).

**Right Mockup (Search Result for ENGLISH):**

- Header:** SiteName, Home, ENGLISH, Login, Register.
- Section Headers:** Popular Courses, Popular Subjects, Popular Tutors.
- Content:** Three rows of cards for courses, subjects, and tutors. For example, under Popular Courses: ENG 201 (Course title: ENG 201, Enrollment: 120), Literature (Subject: Literature, Topics: Poetry), Prof. J. Doe (Tutors: Prof. J. Doe, Courses: ENG 201, 305).
- Section Headers:** Trending Courses, Trending Subjects, Trending Tutors.
- Content:** Three rows of cards for trending courses, subjects, and tutors. For example, under Trending Courses: HIST 101 (Course title: HIST 101, Enrollment: 170), History (Subject: History, Topics: American Civil), Prof. S. Green (Tutors: Prof. S. Green, Courses: HIST 101, 310).

A callout box labeled "John searches by class name" points to the search bar on the right mockup.



**Tutor Profile**  
Jacky Johnsonson

**video** **Image** **video**

**Bio:**  
I am a passionate English tutor with a Master's degree in English Literature. With a deep love for language and over three years of experience, I specialize in helping students improve their writing, reading comprehension, and critical thinking skills. Whether you're looking to enhance your grammar, expand your vocabulary, or boost your overall English proficiency, I offer personalized lessons tailored to your unique needs. Let's work together to unlock your full potential in English!

**Education:**  
• Master of Literature in E  
• San Francisco State University

**Subjects:**  
• Mathematics  
• Statistics

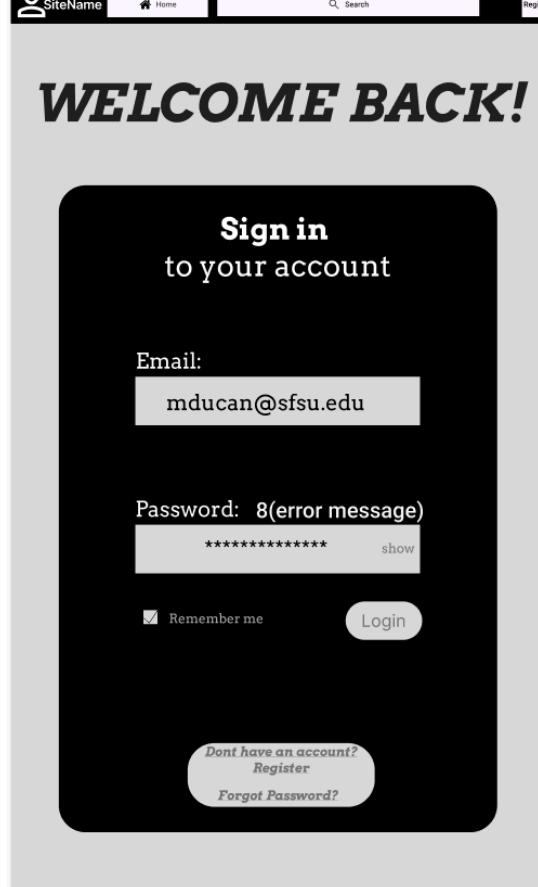
**Courses Taught:**  
• MATH 226: Calculus I  
• MATH 324: Probability and Statistics

**Availability:**  
• Monday: 2:00 PM - 5:00 PM  
• Wednesday: 8:00 AM - 12:00 PM  
• Friday: 3:00 PM - 6:00 PM

**Contact:** [Login to message](#)

[Login to write a review](#)

**Recent Reviews:**  
 • Lisa S. - "Sarah helped me get through my statistics course. She's patient and explains things clearly!" (★★★★★)  
 • John D. - "Great tutor, really knows her stuff. Highly recommend." (★★★★★)



# WELCOME BACK!

**Sign in**  
to your account

Email:

Password: 8(error message)  
show

Remember me [Login](#)

[Don't have an account? Register](#)  
[Forgot Password?](#)

SiteName Home Search 1 Login

# WELCOME!

**Register**  
for an account

Full Name

Email:

Password:  
 show

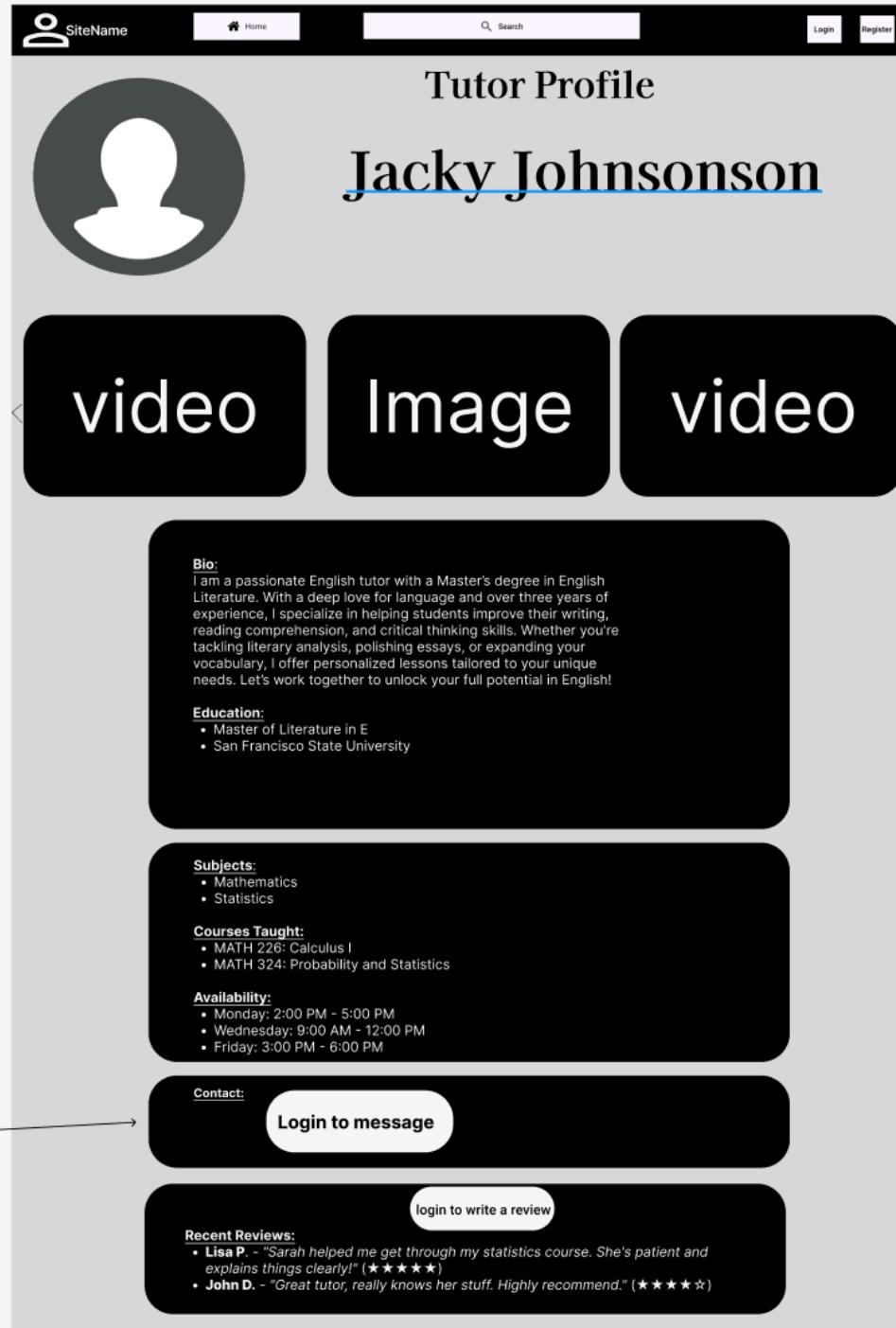
Confirm Password:  
 show

I agree to the Terms & Conditions

**Register**

Already have an account? Log in  
[Terms & Conditions](#)

If not registered



The image shows a "Tutor Profile" page from a website. At the top left is a user icon and "SiteName". Top right features "Home", "Search" (with a magnifying glass icon), "Login", and "Register". The main title "Tutor Profile" is centered above the tutor's name, "Jacky Johnsonson", which is underlined. To the left of the name is a large circular placeholder for a profile picture, showing a white silhouette of a person's head and shoulders against a dark background. Below the name are three black rectangular buttons with white text: "video", "Image", and "video". A large dark gray rounded rectangle contains detailed information about the tutor:

- Bio:** I am a passionate English tutor with a Master's degree in English Literature. With a deep love for language and over three years of experience, I specialize in helping students improve their writing, reading comprehension, and critical thinking skills. Whether you're tackling literary analysis, polishing essays, or expanding your vocabulary, I offer personalized lessons tailored to your unique needs. Let's work together to unlock your full potential in English!
- Education:**
  - Master of Literature in E
  - San Francisco State University
- Subjects:**
  - Mathematics
  - Statistics
- Courses Taught:**
  - MATH 226: Calculus I
  - MATH 324: Probability and Statistics
- Availability:**
  - Monday: 2:00 PM - 5:00 PM
  - Wednesday: 9:00 AM - 12:00 PM
  - Friday: 3:00 PM - 6:00 PM

A horizontal arrow points from the left towards the "Contact" section. This section includes a "Contact:" label and a prominent "Login to message" button. Below this is another button labeled "login to write a review". A final section at the bottom lists "Recent Reviews":

- Lisa P. - "Sarah helped me get through my statistics course. She's patient and explains things clearly!" (★★★★★)
- John D. - "Great tutor, really knows her stuff. Highly recommend." (★★★★★☆)

Can now click on link to message tutor

## Registered User messaging tutor about payment offsite\*

Mary needs to find a tutor to help her in English. She searches by the subject English and then goes through the names of tutors that show up. As she tries to send her message to the selected tutor, she is then prompted to either sign in or register. She signs in and sends the message. The tutor responds within a reasonable time and the two of them discuss payment on a separate platform.

The image shows two side-by-side screenshots of a website interface. Both screenshots have a dark header bar at the top with the text "Mary searches by Subject". Below the header is a navigation bar with icons for SiteName, Home, Search, apply as tutor, Login, and Register. The main content area is titled "SiteName".

**Left Screenshot (Initial State):**

Recent Courses	Recent Subjects	Recent Tutors
Course title: CSC 101 Enrollment: 150	Subject: Computer Science Topics: Algorithms	Tutors: Dr. A. Smith Courses: CSC 101, 301
Course title: ENG 201 Enrollment: 120	Subject: Literature Topics: Poetry	Tutors: Prof. J. Doe Courses: ENG 201, 305
Course title: MATH 101 Enrollment: 180	Subject: Mathematics Topics: Calculus	Tutors: Dr. K. Lee Courses: MATH 101, 220
Course title: CSC 210 Enrollment: 220	Subject: Data Science Topics: Machine Learning	Tutors: Dr. M. Taylor Courses: CSC 210, 445
Course title: HIST 101 Enrollment: 170	Subject: History Topics: American Civil	Tutors: Prof. S. Green Courses: HIST 101, 310
Course title: PHYS 101 Enrollment: 220	Subject: Physics Topics: Mechanics	Tutors: Dr. R. Johnson Courses: PHYS 101, 305

**Right Screenshot (After Search):**

Recent Courses	Recent Subjects	Recent Tutors
Course title: CSC 101 Enrollment: 150	Subject: Computer Science Topics: Algorithms	Tutors: Dr. A. Smith Courses: CSC 101, 301
Course title: ENG 201 Enrollment: 120	Subject: Literature Topics: Poetry	Tutors: Prof. J. Doe Courses: ENG 201, 305
Course title: MATH 101 Enrollment: 180	Subject: Mathematics Topics: Calculus	Tutors: Dr. K. Lee Courses: MATH 101, 220
Course title: CSC 210 Enrollment: 220	Subject: Data Science Topics: Machine Learning	Tutors: Dr. M. Taylor Courses: CSC 210, 445
Course title: HIST 101 Enrollment: 170	Subject: History Topics: American Civil	Tutors: Prof. S. Green Courses: HIST 101, 310
Course title: PHYS 101 Enrollment: 220	Subject: Physics Topics: Mechanics	Tutors: Dr. R. Johnson Courses: PHYS 101, 305

Both screenshots include a footer with links: Privacy Policy | Terms of Service | Help | Contact Us.

# SiteName

Found 32 Search Results for "ENGLISH"

Advanced Search:

Subjects:	Rating:	Availability:	Time:
English	★★★★★	Monday	6am - 9am
Business	★★★★☆	Tuesday	9am - 12pm
Pyschology	★★★☆☆	Wednesday	12pm - 3pm
	★★☆☆☆	Thursday	3pm - 6pm
	★★☆☆☆	Friday	6pm - 9pm
		Saturday	
		Sunday	

Mary clicks on  
tutor

Jacky johnsonson

Course: ENG 344, 324

Rating: ★★★★☆

Availability: Monday, Tuesday, Friday

Mike Jones

Course: ENG 327, 390

Rating: ★★★☆☆

Availability: Monday, Tuesday, Wednesday, Thursday, Friday

David Lee

Course : ENG 324, 930

Rating: ★★★★☆

Availability: Friday, Saturday, Sunday

Shay Cass

Course: ENG 403

Rating: ★★★☆☆

Availability: Monday, Wednesday, Friday

Tom Green

Course: ENGLISH 390, 399

Rating: ★★★★☆

Availability: Tuesday, Sunday

The diagram illustrates a user flow between two web pages:

- Tutor Profile Page:**
  - Header: SiteName, Home, Search, Log In, Register.
  - Title: Tutor Profile.
  - Profile Picture: Placeholder for Jacky Johnsonson.
  - Name: Jacky Johnsonson.
  - Subject: English & Literature.
  - Message Form (Contact): "Hello, do you have any openings for Mon @3pm?" with a "submit" button.
  - Media: Three video thumbnail cards labeled "video", "Image", and "video".
  - Section: Courses Taught: ENG 344: English Composition, ENG 324: Advanced literature.
  - Section: Availability: Monday: 2:00 PM - 5:00 PM, Wednesday: 9:00 AM - 12:00 PM, Friday: 3:00 PM - 6:00 PM.
  - Section: Bio: A detailed paragraph about the tutor's passion for English literature and teaching experience.
  - Section: Education: Master of Literature in E, San Francisco State University.
  - Footer: Privacy Policy | Terms of Service | Help | Contact Us.
- Login Page:**
  - Header: SiteName, Home, Search, Log In, Register.
  - Welcome Message: WELCOME BACK!
  - Section: Sign in to your account.
  - Email Input: mducan@sfsu.edu
  - Password Input: 8(error message) \*\*\*\*
  - Remember Me:
  - Login Button.
  - Links: Don't have an account? Register, Forgot Password?
  - Footer: Privacy Policy | Terms of Service | Help | Contact Us.

Annotations indicate the flow of interaction:

- A callout points from the "submit" button on the message form to a note: "Mary is now redirected to Login page to sign in once she hits submit button on the message form".
- A callout points from the "sign in" step on the login page back to the message form, indicating a redirect loop.

**Tutor Profile**

**Jacky Johnsonson**

English & Literature

Contact: Hello, do you have any openings for Mon @3pm?

**video** **Image** **video**

Courses Taught:

- ENG 344: English Composition
- ENG 324: Advanced literature

Availability:

- Monday: 2:00 PM - 5:00 PM
- Wednesday: 9:00 AM - 12:00 PM
- Friday: 3:00 PM - 6:00 PM

**Bio:**  
I am a passionate English tutor with a Master's degree in English Literature. With a deep love for language and over three years of experience, I specialize in helping students improve their writing, reading comprehension, and critical thinking skills. Whether you're tackling complex analysis, preparing essays, or expanding your vocabulary, I offer personalized lessons tailored to your unique needs. Let's work together to unlock your full potential in English!

**Education:**

- Master of Literature in E
- San Francisco State University

Mary hits submit again and is now redirected to message page

They then have a conversation about payment which ends with Mary completing the conversation of site

**Message Portal**

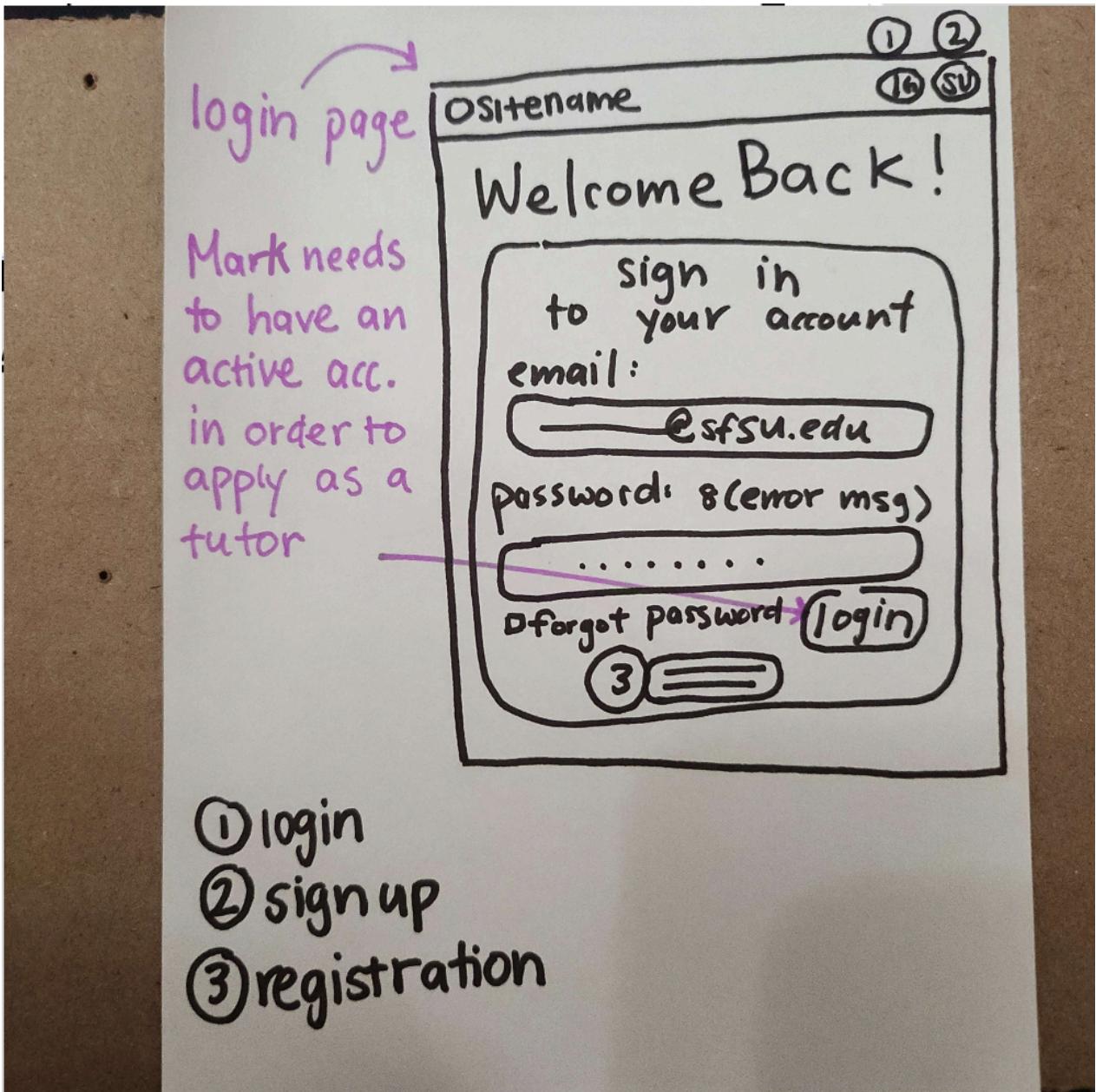
Mary: 10/31/2024 09:47pm Hello, do you have any openings for Mon @3pm?

Jacky: 10/31/2024 09:47pm Hello, Yes I do. Lets discuss payment for the session on SMS. my number is 415-345-3245

Mary: 10/31/2024 09:59pm Ok ill message your number right now

## **Registered User applying to be a Tutor**

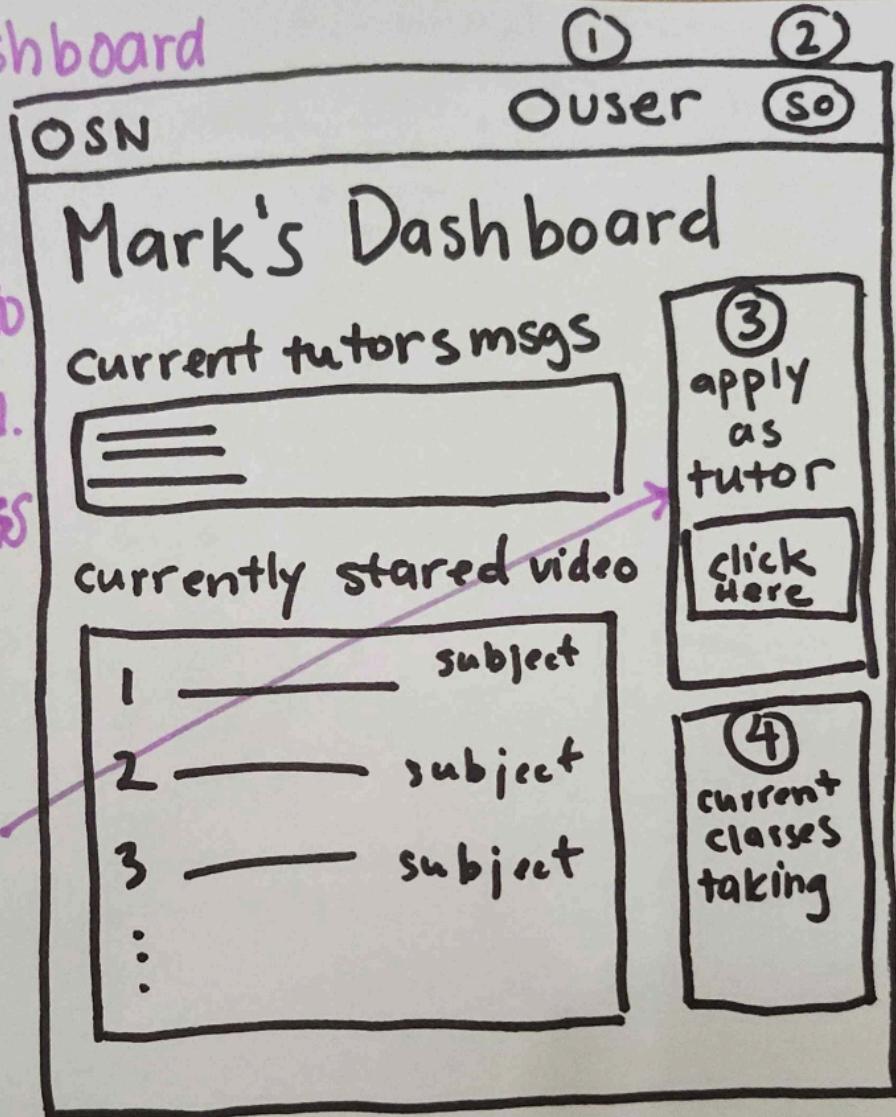
Maria wants to apply as a tutor for the tutoring site. She logs into her registered account. On her dashboard she sees a category that leads to a page for users who want to apply as a tutor. She clicks on the button in the category and is brought to the tutor application page. She fills out the information and uploads a demo video for the subject she is interested in tutoring for. Before she submits, she needs to read and acknowledge that she has read the disclaimer that it will take around 36 hours for an application to be reviewed.



## User dashboard

Mark is logged into her dash.

She clicks on the link to apply as a tutor.



① User profile

② sign out

③ area to apply as a tutor (link)

④ user's current courses

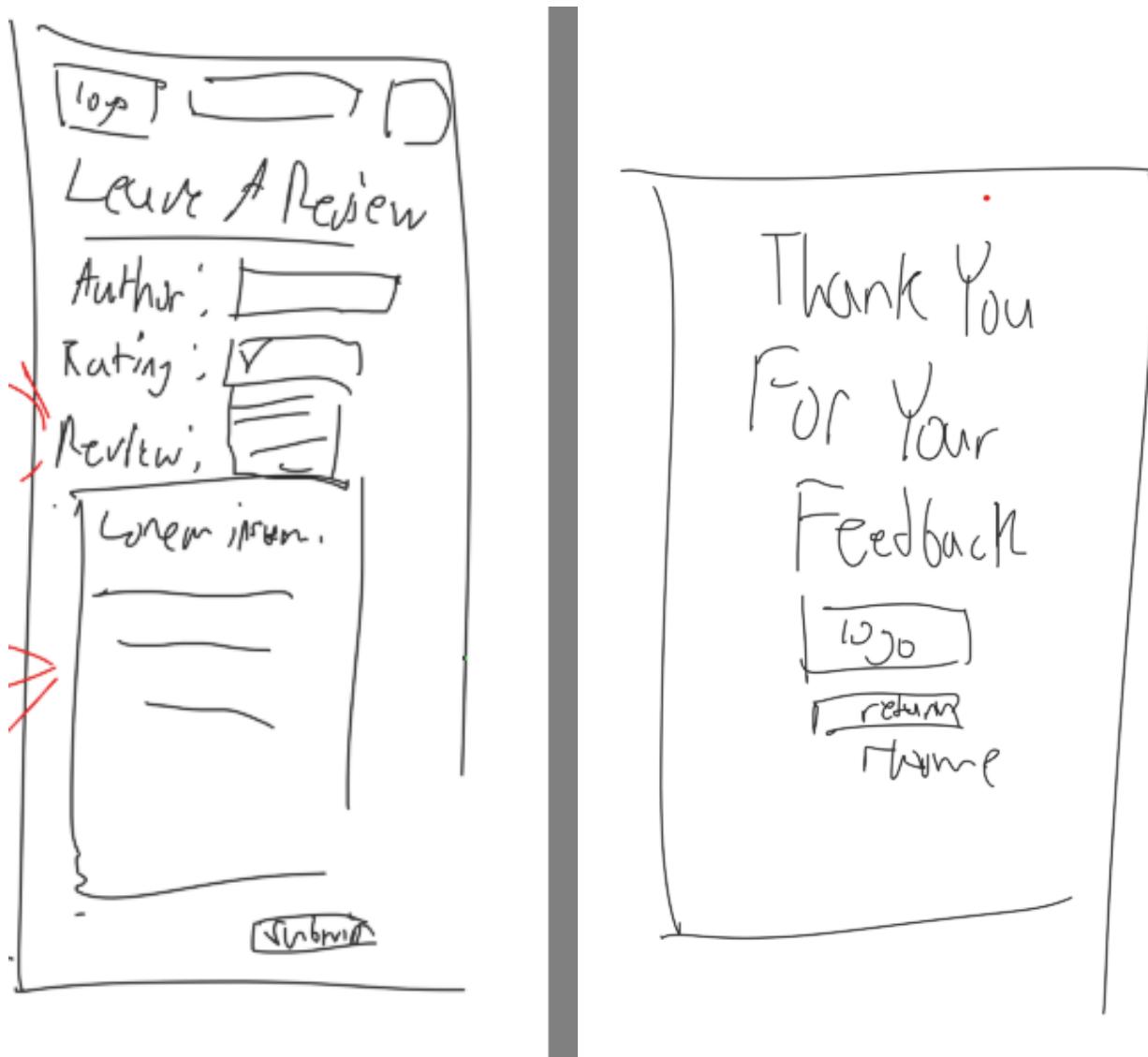
## Tutor application page

Mark fills in the needed information and submits her application as a tutor.

The diagram illustrates a user interface for a 'Tutor application page'. At the top, there are navigation links labeled 'OSN', 'User', and '(50)'. The main title 'Application as Tutor' is centered above a form area. The form contains three input fields: 'Name' (with a single-line input box), 'Subject' (with a double-line input box), and 'Course' (with a double-line input box). Below these fields is a question 'What makes you a good tutor?' followed by an optional information box containing the text 'optional information'. Further down is a section titled 'DEMO VIDEO' with an 'upload' button. A pink arrow points from the text 'Mark fills in the needed information and submits her application as a tutor.' towards the 'DEMO VIDEO' section. At the bottom of the form is a large 'submit' button. A notice at the very bottom states: 'NOTICE: Please give applications 36 hrs for review and decision.'

## Registered User Writing a Review about Previous Tutors

Leona has had a couple of tutors on the site and she wants to let other students know what is in store. She signs into her student account and heads over to the review tutor tab. She leaves a review and fills out a form on what subject and class this tutor tutored her in.



Recent Courses	Recent Subjects	Recent Tutors
Course title: CSC 101 Enrollment: 150	Subject: Computer Science Topics: Algorithms	Tutors: Dr. A. Smith Courses: CSC 101, 301
Course title: ENG 201 Enrollment: 120	Subject: Literature Topics: Poetry	Tutors: Prof. J. Doe Courses: ENG 201, 305
Course title: MATH 101 Enrollment: 180	Subject: Mathematics Topics: Calculus	Tutors: Dr. K. Lee Courses: MATH 101, 220
Course title: CSC 210 Enrollment: 220	Subject: Data Science Topics: Machine Learning	Tutors: Dr. M. Taylor Courses: CSC 210, 445
Course title: HIST 101 Enrollment: 170	Subject: History Topics: American Civil	Tutors: Prof. S. Green Courses: HIST 101, 310
Course title: PHYS 101 Enrollment: 220	Subject: Physics Topics: Mechanics	Tutors: Dr. R. Johnson Courses: PHYS 101, 305

Privacy Policy | Terms of Service | Help | Contact Us

Return to home page after making review.

# High Level Architecture and Database Organization

- Database Organization

- Tutor:
  - ID (Primary Key, Auto Increment)
  - Registered\_User\_ID (FK to Reg. User)
  - Bio (Not NULL)
  - Course List (Not NULL)
  - Photo
  - Video
  - Approval\_Status (Pending by default, Controlled by Admin)
  - **Mandatory Sub-Items:**
    - Subjects (Foreign Key)
- Registered User:
  - ID (Primary Key, Auto Increment)
  - Name (Not NULL)
  - Email (Unique, Not NULL)
  - Password (Not NULL)
- Subject:
  - ID (Primary Key, Auto Increment)
  - Name (Not Null)
- Messages:
  - ID (Primary Key, Auto Increment)
  - Message (Not NULL)
  - Sender's ID (FK to Reg. User)
  - Recipient's ID (FK to Reg. User)
  - Approval\_Status (Pending by default, Controlled by Admin)
- Media storage
  - Data for images and video shall be stored in file systems.
- Search Architecture
  - There shall be a Tutor class, a Subject class,a messages table, and a Registered\_User table. Each shall have methods to get and set their respective parameters.
  - There shall be a class which organizes GUI for display and data representation.
  - There shall be a class that listens for user input, and uses MYSQL commands to retrieve generally provided information from the database.

- Using queries such as SELECT col1, col2, FROM table\_name WHERE cond X LIKE 'EXAMPLE\_\_\_\_%'
- If there is no tutor that matches a given query given, then the search shall list the most recently added tutors or default to displaying the full list of tutors in the database.
- There shall be a class which controls the session for logging in and out.

# Risks

- **Schedule Risk**

- As the semester progresses and project deadlines for other classes pile up. There may be some concern as to whether or not people may have time to work on this project. Additionally, there have been schedule conflicts already with members having things like work or other important events come up that understandably take precedence over meetings for this project.

- **Skill Risk**

- While all team members have backgrounds and skills in designing and creating applications. There are some skills that need to be shored up regarding some aspects of web development and knowledge of different frameworks.

- **Security Risk**

- Without a background in cybersecurity, there are likely many holes in security and privacy that could appear in the implementation of the website. There may not be protection against certain kinds of attacks such as DDOS attacks, SQL Injection, etc.

- **Technical Risk**

- One of the bigger risks we're taking with this project relative to our positions as students and a startup with investors and money is cost related to keeping our AWS Cloud Server up and running.
- There are also risks associated with non-compatibility with certain environments like different browsers and operating systems.

- **Legal/Content Risk**

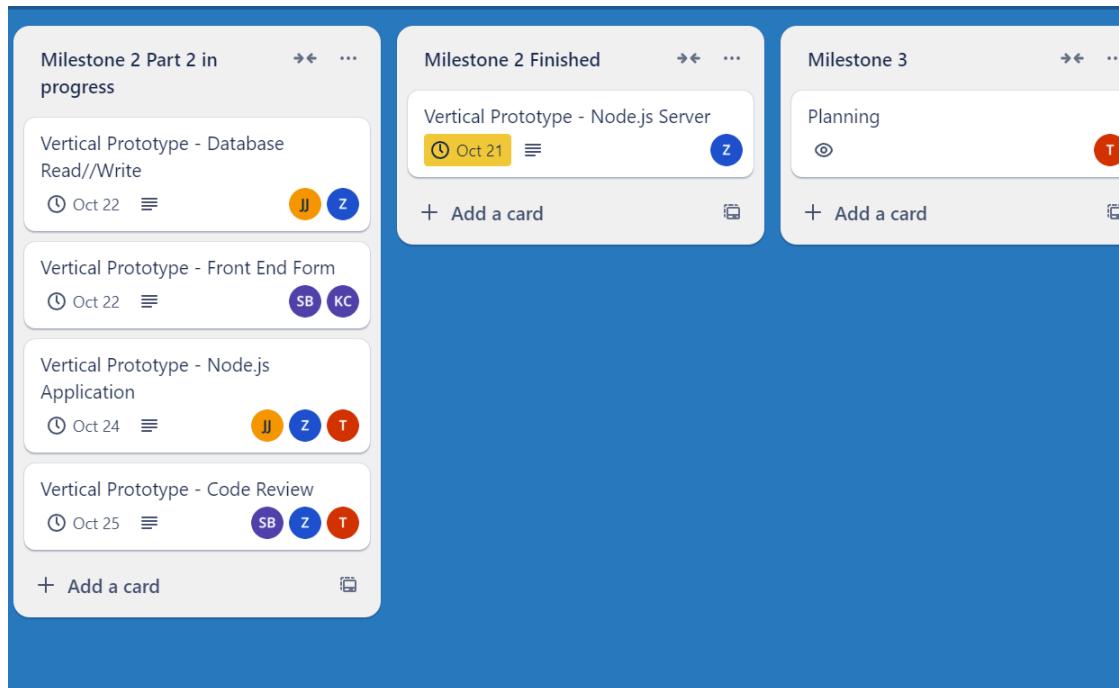
- As with any website that can host any written, image, audio/video content, that content can be subject to IP and copyright laws. As well as potential non-compliance with certain online regulations.

- **Teamwork Risk**

- The team is doing great right now, but maybe team morale might dip as semester progresses, and may need a boost in the future.

# Project Management

For this leg of the project, we've implemented the use of Trello into our workflow to help organize larger tasks into smaller pieces and additionally split tasks into front and back end related tasks. Trello also lets the Team Lead more easily decide what tasks need to be done and by who as well as set up due dates for each task which can be seen by the entire group. This will most likely be the way all future tasks are done as we head into the next set of milestones for this project.



## Vertical Prototype - Front End Form

in list MILESTONE 2 PART 2 IN PROGRESS

Members Notifications Due date

SB KC + Watch Oct 22, 11:59 PM

### Description

**Primary Goals**

Make sure that all required entries are on the form.

Make sure that the fields on the form meet MVC standard.

Make sure that the user can send search queries with 0 to many conditions.

- Sending a search query with 0 conditions will display ALL tutors in database.

**Secondary Goals**

Establish CSS rules for pages on the website and test them on this form

### Activity

Show details

T Write a comment...

T TPB added this card to Milestone 2 Part 2 in progress  
Oct 17, 2024, 1:58 PM

Join Members Labels Checklist Dates Attachment Cover Custom Fields

Add Power-Ups Add button

- Current Project Board for Milestone 2 ( 10/21/24 )

# **Use of GenAI Tools**

## **Jaylin Jack - Backend Team Member**

I used ChatGPT 40 mini to make sure I met the requirements of logical level explanation for each Main Entity. I asked ChatGPT if I met its definition of logical level and then gave prof. definition of logical level. I would say the use of ChatGPT was HIGHLY helpful since I only used it to reassure myself that I met the requirements of listing the item name, description, values and mandatory or optional sub-items.

## **Thomas Bercasio - Team Lead**

I used ChatGPT to run through different potential risks that our project could have. This allowed me to identify some types of risks I wasn't aware of such as Non-compliance with regulations under legal risks as well as many different types of potential security risks like DDOS attacks and SQL Injection. ChatGPT was pretty helpful in identifying things I did not think of initially when it came to work on this project.

## **Suzanna Li - Front End Team Lead**

I used ChatGPT for some mockups and it was not very helpful. I realized that I had specific visions for the storyboard and site pages. While it was quite interesting seeing what chatgpt can do for the scenarios, I did not use any of the information it gave me.

## Team and Roles

Name	Email	Role
Thomas Bercasio	tbercasio@sfsu.edu	Team Lead
Zarko Cosovic	zcosovic@sfsu.edu	Backend Lead
Jaylin Jack	jjack1@mail.sfsu.edu	Team Member Backend
Suzanna Li	sli47@sfsu.edu	Frontend Lead
Ken Chika	kchika@sfsu.edu	Github Master QA Engineer

## **Team Lead Checklist**

**So far all team members are fully engaged and attending team sessions when required.**

**Issue - Will have to reschedule weekly meetings to better fit members' changing schedules.**

**Team ready and able to use the chosen back and front end frameworks and those who need to learn are working on learning and practicing**

**Done**

**Team reviewed suggested resources before drafting Milestone 2**

**On Track**

**Team lead checked Milestone 2 document for quality, completeness, formatting and compliance with instructions before the submission**

**On Track**

**Team lead ensured that all team members read the final Milestone 2 Document and agree/understand it before submission.**

**On Track**

**Team shared and discussed experience with genAI tools among themselves**

**Done**