

# **Final Project for SW Engineering CSC648/848 Spring 2024**

## **Team 02**

### **Olympic Quest College Search**

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**5/14/2024**

## **2) Product Summary**

- **Name of Product:**
  - Olympic Quest College Search
- **All Major Functionality:**
  - Search and filter by name, state, and sport.
  - Rate a college and see a college's average rating.
  - Contact via websockets so users can converse.
  - Register an account as either a student or staff member.
  - Search results use Google Maps API.
  - Search results display additional information about each college.
  - The site admin can manage college, student, and staff data.
- **Unique Features:**
  - In addition to the functionality above, we are using websockets for real-time messaging rather than webmail.
  - Search automatically sorts rated colleges from highest to lowest.
  - A user can find the average rating for all the colleges; they can also see various details about a particular college.
  - A student or admin user can display their rating for a college.
  - A student or admin user can also favorite a college with the favorite button. This stores their favorited college in the database.
  - On Safari browser only, a user can use speech-to-text on any of the filtered options for a college search.
- **URL to Website:** <http://3.18.5.9/>
- **Executive Summary:**

Imagine a software product that addresses the need of finding a college that provides not only education, but also a sports team and/or program that would help students that dream of becoming an Olympian/Paralympian. Our application, Olympic Quest College Search, provides exactly that. As our team comprises former student-athletes, we understand the challenges of searching for which college would be best to fulfill both academics and sports. As Olympic Quest College Search is user-friendly, it is the go-to platform for not only students, but staff as well. By investing in our application, you are contributing to the success of student-athletes that may become great Olympians/Paralympians in the future.

#### **4.) Product Screenshots**

★ **The Home Page:** Click our website to proceed to the Olympic Quest College Search

The screenshot shows a web browser window with the title "Team About Page". The URL bar displays "52.2.194.93". The main content area features the text:  
**Software Engineering Class SFSU  
Spring 2024  
Section 02  
Team 2**  
Below this is a blue button labeled "Our Website". To the left, there is a vertical list of team members in blue boxes:  
Shriya Dandin  
Omar Ahmed  
Subodh Khadka  
Victoria Bialorucki  
Sam Zandiasadabadi  
Jake Klopukh  
Erika Chan  
On the right side of the page, there is a large, stylized graphic of the five Olympic rings.

★ Sample search for colleges by specifically searching for colleges using the ‘Name’ tag:

Screenshot of the Olympic Quest College Search website interface.

The browser title bar shows "Olympic Quest College Search". The address bar shows "52.2.194.93/html/website\_html/webpage.html". The page header includes the text "SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only" and a "Login" button with a user icon.

The main navigation menu includes "Search Colleges", "Athletic Plan", and "About Us".

A search bar at the top has a dropdown labeled "Filter By: Name" and a search input field containing "san francisco state university". A magnifying glass icon is next to the search button.

A "Return to Profiles Page" link is located above a graphic of the five Olympic rings.



★ Result of the search using the ‘Name’ filter:

Screenshot of the Olympic Quest College Search website showing the search results for "San Francisco State University".

The page title is "Olympic Quest College Search" with the Olympic rings logo.

Navigation menu: Search Colleges, Athletic Plan, About Us.

Search bar: Filter By: Name (selected), Search... (text input field), and a magnifying glass icon.

Result card for San Francisco State University:

- Name:** San Francisco State University
- Image:** A photograph of the university's modern glass building with students walking in front.
- Rating:** Five red stars.
- Olympic Rings:** A graphic of the five interlocking Olympic rings.
- Link:** [52.2.194.93/html/website\\_html/college\\_results.html?name=San Francisco State University](52.2.194.93/html/website_html/college_results.html?name=San Francisco State University)
- Return Link:** [◀ Return to Profiles Page](#)

★ Sample search for colleges by searching for colleges located within a U.S. state using the 'State' filter:

The screenshot shows a web browser window for the "Olympic Quest College Search" project. The URL is 52.2.194.93/html/website\_html/webpage.html. The page title is "SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only". The main content area displays the "Olympic Quest College Search" logo with the five rings. Below it are navigation links: "Search Colleges", "Athletic Plan", and "About Us". A search bar at the top has a dropdown menu set to "State" and contains the text "massachusetts". To the right of the search bar is a magnifying glass icon. A large graphic of the five Olympic rings is positioned on the right side of the page. At the bottom left, there is a link "Return to Profiles Page" with a back arrow icon.

★ Results of the search using the 'State' filter:

Screenshot of the Olympic Quest College Search website.

The page title is "Olympic Quest College Search" with the Olympic rings logo.

Navigation menu: Search Colleges, Athletic Plan, About Us.

Filter By: State dropdown, Search bar, and a magnifying glass icon.

Results:

- University of Massachusetts Amherst**: A large red brick building with a yellow entrance, rated 5 stars.
- Harvard University**: A smaller image showing a building and trees, rated 5 stars.

A graphic of the five Olympic rings is located on the right side of the results.

Olympic Quest College Search X +

52.2.194.93/html/website\_html/webpage.html

### Harvard University



### University of Massachusetts Lowell



[◀ Return to Profiles Page](#)

★ Sample Search for Colleges by searching for Olympic sports existing and offered by colleges using the 'Sport' filter:

Screenshot of the Olympic Quest College Search website interface.

The browser title bar shows "Olympic Quest College Search". The page header includes the site name "Olympic Quest College Search" with the Olympic rings logo, a "Login" button with a user icon, and a navigation bar with "Search Colleges", "Athletic Plan", and "About Us".

The main search area features a "Filter By" dropdown set to "Sport" and a search input field containing "rowing". A blue search button with a magnifying glass icon is positioned to the right of the input field.

A "Return to Profiles Page" link is located above the Olympic rings graphic.

The Olympic rings logo is displayed prominently on the right side of the page.

★ Results of the search using the 'Sport' filter:

Screenshot of a web browser showing the results of a search for 'Sport' on the 'Olympic Quest College Search' website.

The browser title bar shows "Olympic Quest College Search". The address bar shows "52.2.194.93/html/website\_html/webpage.html". The page header includes the text "SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only" and a small logo. The main navigation menu has links for "Search Colleges", "Athletic Plan", and "About Us".

A search bar at the top right includes a dropdown labeled "Filter By: Sport" and a search input field with placeholder text "Search...".

The search results are displayed below, featuring two college entries:

- San Francisco State University**: An image of a modern glass building with people walking in front, overlaid with five red stars. To the right of the list is a stylized graphic of the Olympic rings.
- University of Massachusetts Amherst**: A partially visible image showing students walking on a campus path.

Olympic Quest College Search +  
52.2.194.93/html/website\_html/webpage.html

### University of Massachusetts Amherst



### Yale University



### Purdue University



Olympic Quest College Search X +

52.2.194.93/html/website\_html/webpage.html

### Purdue University



### University of Central Florida



[◀ Return to Profiles Page](#)

★ Displaying the location of a sample university:

The screenshot shows a web browser window with the URL [52.2.194.93/html/website\\_html/college\\_results.html?name=San%20Francisco%20State%20University](http://52.2.194.93/html/website_html/college_results.html?name=San%20Francisco%20State%20University). The main content is titled "San Francisco State University" and features a large image of the university's modern glass building with people walking in front. Below the image are tabs for "Map", "Info", "Costs", "Athletics", "Ratings", and "Contact". The "Map" tab is selected. A detailed Google map is displayed, showing the university's campus area and surrounding neighborhoods like Stonestown, Ingleside Terraces, and Merced Heights. The map includes labels for Junipero Serra Boulevard, 19th Avenue, and various local streets.

★ Displaying the rating of a sample university:

The screenshot shows a web browser window with the URL [52.2.194.93/html/website\\_html/college\\_results.html?name=San%20Francisco%20State%20University](http://52.2.194.93/html/website_html/college_results.html?name=San%20Francisco%20State%20University). The page title is "San Francisco State University". Below the title is a large image of a modern glass building with people walking in front of it. A purple sign on the building reads "CISCO UNIVERSITY". Below the image is a navigation bar with links: Map, Info, Costs, Athletics, Ratings (which is highlighted in blue), and Contact.

**Ratings**

---

Average College Rating:

★★★★★

Your Rating:

Please login as a student or register for a new account under login to view your rating.

★ The login page that all student-athletes, staff members, and the admin use to access their profiles:

The screenshot shows a web browser window with the following details:

- Title Bar:** Shows the title "Login" and the URL "52.2.194.93/html/website\_html/login\_user\_account.html".
- Header:** Displays the text "SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only".
- Logo:** Features the Olympic rings icon.
- Page Content:** The main heading is "Olympic Quest College Search" followed by the Olympic rings logo. Below this are navigation links: "Search Colleges", "Athletic Plan", and "About Us".
- User Login Form:** A central form titled "User Login" contains fields for "Username" and "Password", each with an input field. Below the password field is a "Login" button. At the bottom of the form is a link "Register for an account".



★ Sample student-athlete profile:

The screenshot shows a web browser window titled "Student Account" with the URL "52.2.194.93/html/website\_html/student\_account.html?id=1". The page header includes the text "SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only". The main navigation menu at the top has links for "Search Colleges", "Athletic Plan", and "About Us". On the right side, there is a user profile section with a yellow cartoon animal icon, the username "bearclaire", and a "Logout" link. Below the navigation, the title "Student Dashboard" is centered. A large rectangular box contains the heading "Your Information" and a list of student details: Your College: San Francisco State University; Student ID: 1; First Name: bear; Last Name: claire; Username: bearclaire; Email: bearclaire@email.com; Olympic Sport: Archery; Olympic Medal: Gold. To the right of this box, a decorative graphic of the five Olympic rings is visible.

Olympic Quest College Search

SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only

bearclaire Logout

Search Colleges    Athletic Plan    About Us

## Student Dashboard

**Your Information**

Your College: San Francisco State University  
Student ID: 1  
First Name: bear  
Last Name: claire  
Username: bearclaire  
Email: bearclaire@email.com  
Olympic Sport: Archery  
Olympic Medal: Gold

**Your Messages**

bearclaire  
hi

The decorative graphic consists of the five interlocking Olympic rings, colored blue, yellow, black, green, and red, arranged in a curved, overlapping pattern.

★ Example of student-athlete adding a college to their favorites:

Screenshot of the Olympic Quest College Search website showing the profile for San Francisco State University.

The browser address bar shows: 52.2.194.93/html/website\_html/college\_results.html?name=San Francisco State University

The page title is: SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only

User information: bearclaire (Logout)

Page navigation: Search Colleges, Athletic Plan, About Us

## San Francisco State University



A photograph of the San Francisco State University campus, showing students walking on a path in front of a modern, glass-walled building with a purple sign that reads "CISCO UNIVERSITY".

**Favorite** 

Map Info Costs Athletics Ratings Contact



A map of the San Francisco area, with the university's location marked as "High School". The map includes labels for "Map", "Satellite", "High School", "19th Ave", and "Eshore".

★ Example of student-athlete removing a college from their favorites:

Screenshot of the Olympic Quest College Search website showing the San Francisco State University page.

The browser title bar shows "Olympic Quest College Search". The address bar shows "52.2.194.93/html/website\_html/college\_results.html?name=San Francisco State University". A note at the top of the page reads "SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only".

The main content area displays the "San Francisco State University" page. It features a large image of students walking on a campus path in front of a modern glass building with "CISCO UNIVERSITY" signage. Below the image is a "Favorite" button with a heart icon.

Below the image are tabs for "Map", "Info", "Costs", "Athletics", "Ratings", and "Contact". The "Map" tab is currently selected, displaying a map of the surrounding area with labels for "High School", "Eshore", "Bldg", "Stanislaus Galleria", and "19th Ave".

★ Example of a student-athlete being given the option to rate a university:

The screenshot shows a web browser window with the title "Olympic Quest College Search". The URL in the address bar is "52.2.194.93/html/website\_html/college\_results.html?name=San Francisco State University". The main content area features a large image of a modern glass building with "CISCO UNIVERSITY" signage. Below the image, there are several navigation links: Map, Info, Costs, Athletics, Ratings (which is highlighted in blue), and Contact. A "Favorite" button with a heart icon is also present. A large rectangular box contains a "Ratings" section. This section includes the text "Average College Rating:" followed by a 5-star rating icon (all stars filled). Below it is the text "Your Rating:" with a current value of "5.00". Underneath is a row of five red star icons, each with a circular outline, representing a scale from 1 to 5. At the bottom of the ratings section is a blue "Submit Rating" button.

Ratings

Average College Rating:

★★★★★

Your Rating:

5.00

○ ★ ○ ★ ○ ★ ○ ★ ○ ★

Submit Rating

★ Example of a student-athlete submitting their rating for a university:

The screenshot shows a web browser window with the URL [52.2.194.93/html/website\\_html/college\\_results.html?name=San%20Francisco%20State%20University](http://52.2.194.93/html/website_html/college_results.html?name=San%20Francisco%20State%20University). The page features a large image of a modern university building with many students walking on the lawn in front. Below the image is a "Favorite" button. A navigation bar at the top includes links for Map, Info, Costs, Athletics, **Ratings**, and Contact. The main content area is titled "Ratings" and displays the "Average College Rating" as 4.5 stars. It also shows the user's current rating of 2.00 and a five-star rating scale. A blue "Submit Rating" button is present, and a success message "Rating submitted successfully" is displayed below it.

**Ratings**

Average College Rating:  
★★★★★

Your Rating:  
2.00

○ ★ ○ ★ ○ ★ ○ ★ ○ ★

Submit Rating

*Rating submitted successfully*

★ Sample conversation between a student-athlete and another user:

The screenshot shows a web browser window with a title bar "Student Account". The address bar displays the URL "52.2.194.93/html/website\_html/student\_account.html?id=1". The main content area contains a sample conversation:

- staffuser: hi
- bearclaire: hello, admin. i need help
- robadmin: gib me ur password. i am n0t h@k3r
- staffuser: hi

Below this, there is a "User List" interface:

- Recipient Username: saracrab (student) (Name: sara, crab)
- Message: Hello Sara!
- Send button

To the right of the message input field, there is a graphic of the five Olympic rings.

Student Account

52.2.194.93/html/website\_html/student\_account.html?id=13

## Your Messages

bearclaire  
Hello Sara!

bearclaire  
How are you doing?

bearclaire  
I hope that everything is going well!

bearclaire  
Have you decided which college you want to go to?

bearclaire  
I think I'm getting close to picking mine!

## User List

Recipient Username:

bearclaire (student) (Name: bear, claire)

Message:

Hey bearclaire!

Send





## ★ Sample staff member profile:

Screenshot of a web browser showing a staff member's profile page. The browser window title is "Staff Account". The URL is "52.2.194.93/html/website\_html/staff\_account.html?id=4". The page header includes the text "SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only". The main content area displays the "Staff Dashboard" and "Your Information" sections. The "Your Information" section lists the following details:  
**Your College:** San Francisco State University  
**Staff ID:** 4  
**First Name:** Staff  
**Last Name:** Staffington  
**Username:** staffuser  
**Email:** staffuser@email.com

The "Update Student" section contains three dropdown menus:  
**Select Student:** Select a student...  
**Olympic Sport:** Select an Olympic Sport...  
**Olympic Medal:** Select an Olympic medal...



★ Example of a staff member being able to chat with any student-athlete:

The screenshot shows a web browser window titled "Staff Account". The URL is 52.2.194.93/html/website\_html/staff\_account.html?id=4. The page displays a "Your Messages" section with two messages. The first message is from "bearclaire" and says "hello there". The second message is from "staffuser" and contains a threatening message: "i am messaging the admin to steal your website's treasure and database. i have infiltrated your system and now you owe me .0008 bitcoins". Below this, another message from "staffuser" says "Hello bearclaire! I hope that you are having an amazing day, and I hope to see you succeed in all your future endeavors!"

**User List**

Recipient Username: bearclaire (student) (Name: bear, claire)

Message: Good luck with selecting your college!

Send



★ Example of staff member being able to modify the information of their student-athletes:

The screenshot shows a web browser window titled "Staff Account" with the URL "52.2.194.93/html/website\_html/staff\_account.html?id=4". The page is titled "Staff Dashboard".

**Your Information**

Your College: San Francisco State University  
Staff ID: 4  
First Name: Staff  
Last Name: Staffington  
Username: staffuser  
Email: staffuser@email.com

**Update Student**

Select Student: bear claire  
Olympic Sport: Wrestling  
Olympic Medal: Silver  
Update Details

**bear claire**

College: San Francisco State University  
Username: bearclaire  
Email: bearclaire@email.com  
Olympic Sport: Archery  
Olympic Medal: Gold

**Your Messages**



## ★ Sample admin profile:

Screenshot of a web browser showing the Admin Dashboard for Olympic Quest College Search.

The browser window title is "About Us". The URL is "52.2.194.93/html/website\_html/admin\_account.html?id=5". The page header includes the text "SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only".

The main navigation menu includes "Search Colleges", "Athletic Plan", and "About Us". A user profile icon for "robadmin" is shown, along with a "Logout" link.

### Admin Dashboard

#### Your Information

Admin ID: 5  
First Name: Rob  
Last Name: Robertson  
Username: robadmin  
Email: robadmin@example.com

#### Dashboard Overview

##### Manage Colleges

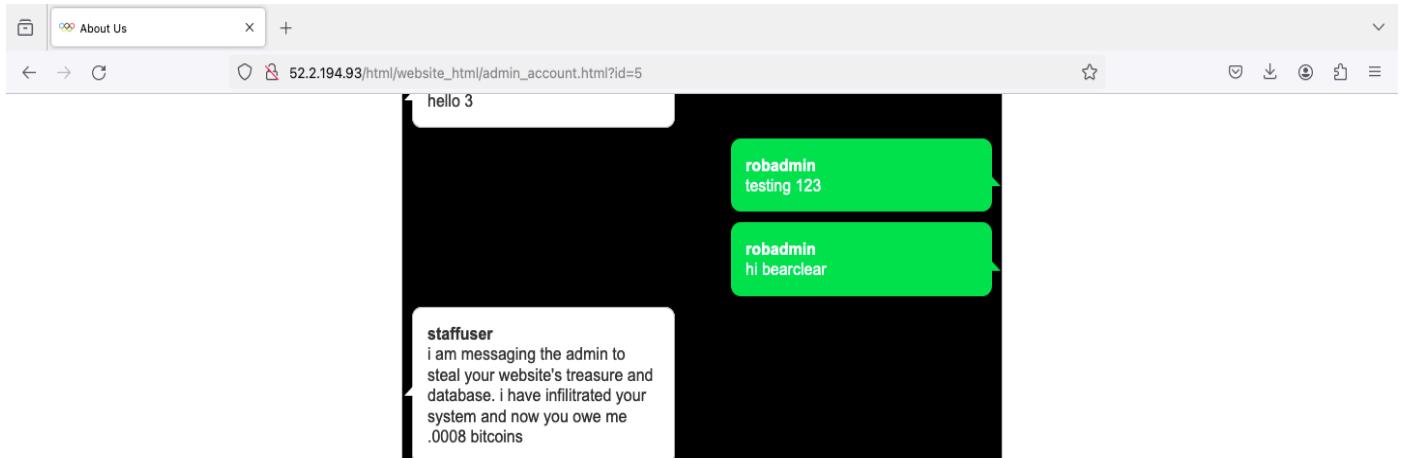
Select College:

Name:

Olympic Sport:



★ Example of the admin being able to chat:



User List

Recipient Username:

staffuser (staff) (Name: Staff, Staffington)

Message:

NO!

Send



★ Example of the admin being able to modify the information of athletes:

Screenshot of a web browser showing the 'Manage Students' section of an administrative interface.

The URL in the address bar is `52.2.194.93/html/website_html/admin_account.html?id=5`.

Buttons at the top: **Update Details**, **Add College**, **Remove College**.

**Manage Students**

Select Student: bear claire

Olympic Sport: Archery

Olympic Medal: Gold

Buttons: **Update Details**, **Remove Student**.

**bear claire**

College: San Francisco State University

Username: bearclaire

Email: bearclaire@email.com

Olympic Sport: Badminton

Olympic Medal: Bronze

**Manage Staff Members**

Select Staff: [dropdown menu]



★ Example of the admin being able to modify the information of a staff member:

The screenshot shows a web browser window with the following details:

- URL:** 52.2.194.93/html/website\_html/admin\_account.html?id=5
- Page Title:** Select an Olympic medal...
- Buttons:** Update Details, Remove Student, Update Details, Remove Staff
- Form Fields:** Select Staff: Staff Staffington, College: San Francisco State University
- Content Area:** Staff Staffington  
College: University of Texas at Austin  
Username: staffuser  
Email: staffuser@email.com
- Message Box:** Your Messages  
bearclaire: hello, admin. i need help  
robadmin: gib me ur password. i am n0!
- Image:** The Olympic rings logo is located to the right of the main content area.

★ Example of the admin being allowed to modify the information of universities:

**Manage Colleges**

Select College:

University of Alabama at Birmingham

Name:

University of Alabama at Birmingham

Olympic Sport:

TESTtoSeeChanges

Location:

Alabama

Address:

University of Alabama at Birmingham  
1720 2nd Ave S  
Birmingham, AL 35294

Founding Year:

1969

Image URL:

[http://18.215.73.169/assets/university\\_images/University\\_of\\_Alabama\\_School\\_of\\_Medicine\\_at\\_UAB.jpg](http://18.215.73.169/assets/university_images/University_of_Alabama_School_of_Medicine_at_UAB.jpg)

Phone number:

(205) 934-4011

Email:

admissions@uab.edu

College Website:

<https://www.uab.edu/>

Cost Details:

28909

**Update Details**   **Add College**   **Remove College**

★ Special functionality on Safari only that allows for speech-to-text for typing in the search bar:

The screenshot shows a Safari browser window with the following details:

- Address Bar:** Not Secure — 52.2.194.93
- Page Title:** Olympic Quest College Search
- Page Content:** The page features a navigation menu with links to "Search Colleges", "Athletic Plan", and "About Us". Below this is a search bar with a placeholder "Search...", a "Filter By" dropdown set to "Name", and a blue search button with a microphone icon.
- Right Side:** A user profile icon with a yellow bear wearing sunglasses and a "Login" link.
- Bottom Right:** A large, stylized graphic of the five Olympic rings.

[◀ Return to Profiles Page](#)



SFSU Software Engineering Project CSC 648-848, Spring 2024. For Demonstration Only



Login

## Olympic Quest College Search

[Search Colleges](#)   [Athletic Plan](#)   [About Us](#)

Filter By: [Name](#) 

Search...



[!\[\]\(8f3ec3126694d835f2e1584652e390da\_img.jpg\) Return to Profiles Page](#)



## 5. Screenshots of Key Database Tables:

### users\_table:

Result Grid						Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:	
user_id	first_name	last_name	username	email	password	avatar				
1	bear	claire	beardclaire	beardclaire@email.com	\$2b\$0\$4\$b7IV753SMQx6iMzMNwj1ubXzkc/Tz4Ye...	http://52.2.194.93/assets/avatars/thumbna...				
2	user	name	username	username@email.com	\$2b\$0\$4\$3d0wadkjeccx.N90gwFf...gRPiO3eCQ...	NULL				
4	Staff	Staffington	staffuser	staffuser@email.com	\$2b\$0\$4\$AAgdUaJQjVXS4WTB6kq.e2vLARoeZ8...	NULL				
5	Rob	Robertson	roadmin	roadmin@example.com	\$2b\$0\$4\$8628ANOB1/60C1vX5ZAuvv5lwSqC...	./../assets/avatars/Iconarchive-Incognito-Animals-Cat-Avatar.512.png				
11	New	Staff	newstaff	newstaff@email.com	\$2b\$0\$4\$eWY3ldavbsU7leSfo4iSeEVlpPjkNt8...	NULL				
12	New	Student	newstudent	newstudent@email.com	\$2b\$0\$45bzb2ze6Gn1QRaom9d/e0uef05b.aQf...	NULL				
13	sara	crab	saracrab	saracrab@mail.com	\$2b\$0\$4\$YRCOA2fovww/cqqvck/2.QmbUVvh1...	NULL				
14	Alisa	Jones	alisajones	alisajones@email.com	\$2b\$0\$4\$ivzpvTShs1cOXKE4jkvo.Dy0Efap8J31...	http://52.2.194.93/assets/avatars/thumbna...				
15	Tester	McTesterson	testerstudent	tester@test.com	\$2b\$0\$4\$QBU1y832xEHnQyGh6Gr.LKysfK2Z7...	NULL				
16	staffie	taffie	stafftaffie	stafftaffie@email.com	\$2b\$0\$4\$JRofXo6UjJlfib/Ca.bk6x3deTl8rd...	NULL				
17	Billy	Bobby	BillyBobby	realemail@email.com	\$2b\$0\$4\$eERErVphNLf2zsXHOPyQukKhOnG03...	NULL				
18	Don	Mar	donmar	a@.com	\$2b\$0\$4\$4KHUJtdfGk9IcQbipeccuaBwgXNSKYE...	NULL				
19	Lana	DelRey	Llamalana	Llamalana@mail.com	\$2b\$0\$4\$pb9pNLuwW73szFHk0DmOoB1cslhIm.w...	NULL				
20	Amy	Lamie	AmyRecruiter	AmyRecruiter@email.com	\$2b\$0\$4\$DA9laYfAdY2EyXU6zw71./ksL/C58ds...	NULL				
21	New	Staff	newestStaff	newestStaff@mail.com	\$2b\$0\$4\$DUVkg59jRiwoftgww.1OpuvKxWhXSG...	NULL				
*	NULL	NULL	NULL	NULL	NULL	NULL				

### colleges\_table:

college_id	olympic_sport	college_name	location	founding_year	image	thumbnail	latitude	longitude	analytics_id	phone_number
1	Rowing	San Francisco State University	California	1899	http://52.2.194.93/assets/university_images/S...	NULL	37.72190000	-122.47820000	none	(415) 338-6486
4	Cycling Track	Stanford University	California	1885	http://52.2.194.93/assets/university_images/C...	NULL	37.42750000	-122.16970000	none	(650) 723-2091
5	Archery	Harvard University	Massachusetts	1636	http://52.2.194.93/assets/university_images/H...	NULL	42.37440000	-71.11800000	none	(617) 495-1551
6	Rowing	Yale University	Connecticut	1701	http://52.2.194.93/assets/university_images/y...	NULL	41.31630000	-72.92230000	none	(203) 432-9300
529	Football (soccer)	University of Florida	Florida	1853	http://52.2.194.93/assets/university_images/D...	NULL	29.64360000	-82.35490000	none	(352) 392-3261
530	Basketball	University of Kansas	Kansas	1865	http://52.2.194.93/assets/university_images/U...	NULL	38.95820000	-95.25580000	none	(785) 864-2700
531	Handball	University of Texas at Austin	Texas	1883	http://52.2.194.93/assets/university_images/T...	NULL	30.28490000	-97.73200000	none	(512) 471-3434
532	Swimming	University of Georgia	Georgia	1785	http://52.2.194.93/assets/university_images/O...	NULL	33.95620000	-83.37340000	none	(706) 542-3000
533	Lacrosse	University of Washington	Washington	1861	http://52.2.194.93/assets/university_images/U...	NULL	47.65530000	-122.30550000	none	(206) 543-2100
534	Golf	University of Arizona	Arizona	1885	http://52.2.194.93/assets/university_images/U...	NULL	32.23260000	-110.95010000	none	(520) 621-2211
535	Tennis	University of Wisconsin-Madison	Wisconsin	1848	http://52.2.194.93/assets/university_images/U...	NULL	43.07600000	-89.39650000	none	(608) 263-2400
536	Karate	University of South Carolina	South Carolina	1801	http://52.2.194.93/assets/university_images/U...	NULL	34.00070000	-81.03370000	none	(803) 777-7000
537	Soccer	University of Colorado Boulder	Colorado	1876	http://52.2.194.93/assets/university_images/M...	NULL	40.07700000	-105.26720000	none	(303) 492-1411
538	Swimming	University of Minnesota Twin ...	Minnesota	1851	http://52.2.194.93/assets/university_images/P...	NULL	44.97370000	-93.23550000	none	(612) 625-5000
539	Table Tennis	University of Maryland Colleg...	Maryland	1856	http://52.2.194.93/assets/university_images/U...	NULL	38.98690000	-76.94260000	none	(301) 405-1000
540	Golf	University of Pittsburgh	Pennsylvania	1787	http://52.2.194.93/assets/university_images/S...	NULL	40.44440000	-79.96000000	none	(412) 624-4141
541	Tennis	University of Virginia	Virginia	1819	http://52.2.194.93/assets/university_images/P...	NULL	38.03580000	-78.50790000	none	(434) 924-0311
542	Rowing	University of Massachusetts ...	Massachusetts	1863	http://52.2.194.93/assets/university_images/S...	NULL	42.39150000	-72.52930000	none	(413) 545-0111
543	Diving	Indiana University Bloomington	Indiana	1820	http://52.2.194.93/assets/university_images/I...	NULL	39.16990000	-86.51250000	none	(812) 855-4848
544	Basketball	University of Oklahoma	Oklahoma	1890	http://52.2.194.93/assets/university_images/N...	NULL	35.20580000	-97.14670000	none	(405) 325-0311
545	Soccer	Ohio State University	Ohio	1870	http://52.2.194.93/assets/university_images/O...	NULL	40.00570000	-83.02470000	none	(614) 292-6446
546	Swimming	University of Iowa	Iowa	1847	http://52.2.194.93/assets/university_images/O...	NULL	41.66110000	-91.53020000	none	(319) 335-3500
547	Sailing	Pennsylvania State University	Pennsylvania	1855	http://52.2.194.93/assets/university_images/P...	NULL	40.79820000	-77.85990000	none	(814) 865-4700
548	Judo	University of Nebraska-Lincoln	Nebraska	1869	http://52.2.194.93/assets/university_images/N...	NULL	40.82060000	-96.70050000	none	(402) 472-7211
549	Tennis	Louisiana State University	Louisiana	1860	http://52.2.194.93/assets/university_images/L...	NULL	30.41330000	-91.18520000	none	(225) 578-3202
550	Swimming	University of Utah	Utah	1850	http://52.2.194.93/assets/university_images/Sj...	NULL	40.76400000	-111.84390000	none	(801) 581-7200
551	Basketball	University of Kentucky	Kentucky	1865	http://52.2.194.93/assets/university_images/U...	NULL	38.03420000	-84.50370000	none	(859) 257-9000
552	Soccer	Arizona State University	Arizona	1885	http://52.2.194.93/assets/university_images/A...	NULL	33.42420000	-111.92810000	none	(480) 965-2100
553	Swimming	University of North Carolina a...	North Carolina	1789	http://52.2.194.93/assets/university_images/U...	NULL	35.90490000	-79.04780000	none	(919) 962-2211
554	Triathlon	Michigan State University	Michigan	1855	http://52.2.194.93/assets/university_images/M...	NULL	42.70180000	-84.48220000	none	(517) 355-1855
555	Weightlifting	University of Delaware	Delaware	1743	http://52.2.194.93/assets/university_images/U...	NULL	39.67960000	-75.75080000	none	(302) 831-2792

**college\_ratings:**

	rating_id	college_id	user_id	rating	comment	timestamp
▶	20	4	1	5.00	NULL	2024-03-30 02:29:11
	22	1	2	5.00	NULL	2024-03-30 02:37:37
	23	6	2	4.00	NULL	2024-04-02 00:59:47
	24	1	1	5.00	NULL	2024-04-02 02:10:39
	25	6	1	3.00	NULL	2024-04-02 03:42:05
	28	6	2	3.00	NULL	2024-04-02 03:44:39
	29	532	1	3.00	NULL	2024-04-11 00:31:38
	30	536	1	3.00	NULL	2024-04-11 00:35:42
	31	535	1	5.00	NULL	2024-04-11 03:10:35
	32	542	1	4.00	NULL	2024-04-11 03:13:19
	33	541	1	3.00	NULL	2024-04-11 03:13:34
	34	549	1	1.00	NULL	2024-04-11 03:13:59
	35	596	1	2.00	NULL	2024-04-11 03:14:08
	36	5	1	2.00	NULL	2024-04-18 07:52:00
	37	531	1	4.00	NULL	2024-04-21 23:52:05
	38	561	1	4.00	NULL	2024-04-21 23:55:31
	39	545	1	2.00	NULL	2024-04-22 06:09:23
	40	4	2	2.00	NULL	2024-04-22 06:39:00
	41	535	2	1.00	NULL	2024-04-22 06:39:27
	42	530	2	1.00	NULL	2024-04-22 06:39:39
	43	534	1	1.00	NULL	2024-05-03 05:09:25
	44	531	5	4.00	NULL	2024-05-03 23:45:10
	45	1	5	3.00	NULL	2024-05-05 01:31:10
*	NULL	NULL	NULL	NULL	NULL	NULL

**user\_messages:**

	message_id	sender_id	receiver_id	message_content	timestamp
▶	49	2	1	test123	2024-03-30 07:10:52
	50	2	1	test123	2024-03-30 07:10:57
	51	2	1	test1235	2024-03-30 07:13:14
	52	2	1	test12355	2024-03-30 07:16:25
	53	2	1	test12355555	2024-03-30 07:16:30
	54	1	1	hello self	2024-03-30 07:30:01
	55	1	2	test	2024-03-30 07:30:41
	56	1	4	hello testing 123	2024-03-30 23:02:39
	57	1	13	testting	2024-03-30 23:09:57
	58	1	13	Hi Saracrab	2024-03-31 05:17:03
	59	1	1	hi me	2024-03-31 05:17:50
	60	1	1	hi again	2024-03-31 05:20:31
	61	1	1	hello	2024-03-31 05:22:24
	62	1	1	test	2024-03-31 05:37:32
	63	1	1	Check it out	2024-03-31 05:37:42
	64	1	1	Another try	2024-03-31 05:39:41
	65	1	1	Trying again	2024-03-31 05:41:15
	66	1	1	And again	2024-03-31 05:41:22
	67	1	13	Hi again Saracrab	2024-03-31 05:41:43
	68	1	1	Hi again me	2024-03-31 05:44:42
	69	1	13	Hi once more Sar...	2024-03-31 05:44:54
	70	13	1	testing back	2024-03-31 05:54:40
	71	13	13	testing on self	2024-03-31 05:54:51
	72	12	1	Hi I am newstud...	2024-03-31 06:17:02
	73	12	1	Hey plz help?	2024-03-31 06:25:17
	74	12	1	Plzzzzzzzzzz	2024-03-31 06:25:37
	75	1	12	hello there. do y...	2024-03-31 06:28:15
	76	12	1	yes i need lots of it	2024-03-31 06:29:00
	77	1	4	hello there!	2024-03-31 07:13:23
	78	4	1	hi	2024-03-31 07:13:36
	79	4	1	hi	2024-03-31 07:13:38

## 6. Google Analytics

Analytics conversions have been renamed **key events**. Key events measure the interactions most important to your business. They show up in the Advertising, Reports, and Explore sections of Analytics.

All accounts > jkloupukh CSC648 Team 2 ▾ Try searching "how to create funnel"

Home

Users: 33 | Key events: 0 | Event count: 1.6K | New users: 33

14 Apr 21 28 05 May

Last 30 days ▾ Preceding period

Last 30 days ▾ View reports snapshot →

0 USERS IN LAST 30 MINUTES

0 USERS PER MINUTE

COUNTRY ▾ USERS ▾ No data available

View realtime →

Recently accessed

Reports and pages you recently visited will appear here.

Suggested for you

Views by Page title and screen...

PAGE TITLE AND S... VIEWS

Olympic Quest Colle... 200 ↑ 589.7%

Users by Country ID...

COUNTRY USERS

United States 28 ↑ 460...

Sessions by Session primary ch...

SESSION PRIMARY ... SESSIONS

Direct 45 ↑ 1,025...

## 7. Screenshot(s) of the task management system :

TODO Front-End																																		
<table border="1"> <thead> <tr> <th><u>TODO</u></th><th><u>In-Progress</u></th><th><u>Completed</u></th></tr> </thead> <tbody> <tr> <td><b>Complete profiles - everyone</b></td><td><b>TODO LIST</b> <a href="https://docs.google.com/document/d/1gCACrnS1OFwrP3fhojqFtICpiOKDAHGKSShy8tWcQY/edit">https://docs.google.com/document/d/1gCACrnS1OFwrP3fhojqFtICpiOKDAHGKSShy8tWcQY/edit</a></td><td><b>Presentation LIST</b> <a href="https://docs.google.com/document/d/1gCACrnS1OFwrP3fhojqFtICpiOKDAHGKSShy8tWcQY/edit">https://docs.google.com/document/d/1gCACrnS1OFwrP3fhojqFtICpiOKDAHGKSShy8tWcQY/edit</a></td></tr> <tr> <td>Admin controls a student or staff college_id; the college_id dictates which staff or student is registered to a particular college so they can play in those olympic games OR have played in</td><td>Erika-Helped test the frontend and backend</td><td>Erika - ahtletic plan writing</td></tr> <tr> <td></td><td>Erika - about us write out the details for about us</td><td></td></tr> <tr> <td></td><td>Shriya - helped. test website features on Safari</td><td>This is for front-end team - Make sure every page looks good on mobile and is responsive (Tori, Erika, Shriya)</td></tr> <tr> <td></td><td>Shriya - ideas for setup of website</td><td>Shriya - ideas for keeping the website accessible</td></tr> <tr> <td></td><td>Shriya - helped testing website login and register</td><td>Shriya - helping with paralympics ideas</td></tr> <tr> <td></td><td>Tori - student</td><td></td></tr> <tr> <td></td><td>Tori- Staff media and sport update for student</td><td>Tori- Google map analytics and maps setup</td></tr> <tr> <td></td><td>St for write button implementation</td><td>for search filter, s</td></tr> </tbody> </table>					<u>TODO</u>	<u>In-Progress</u>	<u>Completed</u>	<b>Complete profiles - everyone</b>	<b>TODO LIST</b> <a href="https://docs.google.com/document/d/1gCACrnS1OFwrP3fhojqFtICpiOKDAHGKSShy8tWcQY/edit">https://docs.google.com/document/d/1gCACrnS1OFwrP3fhojqFtICpiOKDAHGKSShy8tWcQY/edit</a>	<b>Presentation LIST</b> <a href="https://docs.google.com/document/d/1gCACrnS1OFwrP3fhojqFtICpiOKDAHGKSShy8tWcQY/edit">https://docs.google.com/document/d/1gCACrnS1OFwrP3fhojqFtICpiOKDAHGKSShy8tWcQY/edit</a>	Admin controls a student or staff college_id; the college_id dictates which staff or student is registered to a particular college so they can play in those olympic games OR have played in	Erika-Helped test the frontend and backend	Erika - ahtletic plan writing		Erika - about us write out the details for about us			Shriya - helped. test website features on Safari	This is for front-end team - Make sure every page looks good on mobile and is responsive (Tori, Erika, Shriya)		Shriya - ideas for setup of website	Shriya - ideas for keeping the website accessible		Shriya - helped testing website login and register	Shriya - helping with paralympics ideas		Tori - student			Tori- Staff media and sport update for student	Tori- Google map analytics and maps setup		St for write button implementation	for search filter, s
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<u>TODO</u>	<u>In-Progress</u>	<u>Completed</u>	
<b><u>Complete profiles - everyone</u></b>	<b>TODO LIST</b> <a href="https://docs.google.com/document/d/1gCACznS1OFwrP3FhoJqFrjCpiDKDAHOK5hy8tWcQY/edit">https://docs.google.com/document/d/1gCACznS1OFwrP3FhoJqFrjCpiDKDAHOK5hy8tWcQY/edit</a>  <b>Presentation LIST</b> <a href="https://docs.google.com/document/d/1gCACznS1OFwrP3FhoJqFrjCpiDKDAHOK5hy8tWcQY/edit">https://docs.google.com/document/d/1gCACznS1OFwrP3FhoJqFrjCpiDKDAHOK5hy8tWcQY/edit</a>	<b>Sam/Subodh</b> Make sure everything we need is in db in the correct place	<b>Jake</b> Routes dir
Admin controls a student or staff college_id; the college_id dictates which staff or student is registered to a particular college so they can play in those olympic games OR have played in		<b>Sam</b> - ideas for paralympics	<b>Jake</b> Security for password encryption
		<b>Sam</b> - wrote list of olympic sports	<b>Jake/Tori</b> Security for sql injections done
		Subodh - verified database information for college sports and available colleges	<b>Jake</b> Favorites route
		Subodh - helped test frontend and backend	<b>Jake</b> Ideas and concepts for avatar and thumbnails
		<b>Subodh/Tori</b> college entries	<b>Tori</b> - Search validation - unused
		Jake - admin settings, js, css Tori - css and styling, some js	Jake - demoed our website and work
		Jake - started backend setup	Jake - setup google analytics

## 8) Team Member Contributions

Re: CSC 648 - Team Member Contributions Today at 11:18 AM

JK

✉ Jake Klopukh <jklopukh@sfsu.edu>  
To: ✉ Shriya Raghavendra Dandin; ✉ Sam Zandiasadabadi; ✉ Subodh Khadka;  
✉ Omar Elhadi Abdalraheem Ahmed; ✉ Victoria Bialorucki; ✉ Erika Chan ^

My contributions to the project:

- Did the initial setup for the express backend.
- Wrote personas for milestone 2.
- Prioritized use cases in milestone 3.
- Did the demos to the professor for the milestones.
- Created the google analytics account and linked it to our website
- Screenshotted the DB and analytics page for milestone 5
- Password encryption
- Implemented the favorite system backend
- Implemented the admin page functionality on the front and back end

At this time, I've made 51 commits to the main branch.

Re: CSC 648 - Team Member Contributions Today at 11:50 AM

✉ Sam Zandiasadabadi <szandiasadabadi@sfsu.edu>  
To: ✉ Jake Klopukh; ✉ Shriya Raghavendra Dandin; ✉ Subodh Khadka;  
✉ Omar Elhadi Abdalraheem Ahmed; ✉ Victoria Bialorucki; ✉ Erika Chan ^

My contributions to the project:

- Made a list of functional requirements for the product.
- Made the high-level architecture of our database organization.
- Oversaw and ensured that all entries in the Database are organized and in the right place.
- Made the usability test plan for the product.
- Provided the list of sports we would include for the final product
- Came up with the idea of including and offering Paralympics sports to accommodate for all athletes of all backgrounds.

As reported immediately both to the Team Lead, as well as the class CTO, my first 7 commits to GitHub showed up under my actual name, and not my GitHub username. Since then, the issue has been resolved, and in total, I have made 20 commits.

Re: CSC 648 - Team Member Contributions

⋮ ⌂ ⌂ ⌂ ⌂ ⌂

EC

✉ Erika Chan <echan10@mail.sfsu.edu>

Today at 12:31 PM

To: ✉ Shriya Raghavendra Dandin; ✉ Sam Zandiasadabadi; ✉ Jake Klopukh;  
✉ Subodh Khadka; ✉ Omar Elhadi Abdalraheem Ahmed; ✉ Victoria Bialorucki ⌂

## My contributions to the project:

- Wrote an executive summary for M1, introducing our application
- Copy and Paste 'Product Summary' from M4 to M5
  - Included an executive summary (marketing)
- Help tested frontend and backend
- Wrote for Athletic Plan
- Writing About Us details
- Helped/Assisted with the CSS (centering username, password, and buttons)

At this time, I have made 24 commits to main branch

## Re: CSC 648 - Team Member Contributions

⋮ ⌂ ⌂ ⌂ ⌂ ⌂

VB

✉ Victoria Bialorucki <vbialorucki@mail.sfsu.edu>

Today at 3:25 PM

To: ✉ Subodh Khadka; ✉ Shriya Raghavendra Dandin; ✉ Sam Zandiasadabadi; ✉ Jake Klopukh;  
✉ Omar Elhadi Abdalraheem Ahmed; ✉ Erika Chan ⌂

My original role was front-end lead. I have done multiple tasks pertaining to front-end lead as well as back-end, database, and system administration roles.

### My Contributions:

#### Documentation:

- M1, M2, M3, M4, M5: helped with various parts of the documentation setup and details. Helped make sure docs were accurate and correct.

#### Front-end:

- .html, .css, and .js for index, about\_us and athletic\_plan with Erika, college\_results, login\_user\_account, register\_new\_user, staff\_account, student\_account, and webpage. Worked on admin\_account.html, css, .js with Jake.

#### Back-end:

- app.js for WebSockets and functionality; worked on colleges.js and users.js routes with Jake.

#### Database:

- Setup the database itself on mysql server.

#### Configured tables:

- college\_ratings, colleges\_tables, favorite\_college\_table, user\_messages\_ and users\_tables and helped Subodh enter data into the database.

#### System Administration:

- Configured the server with Express.js and Node.js, using PM2 (Process manager for Node.js apps) to keep the website running.
- Configured users on the server.
- Added scripts to automate things on the server.

#### Number of Submissions:

- Number of submissions made: 591.

## Re: CSC 648 - Team Member Contributions

SR

✉ Shriya Raghavendra Dandin <sdandin@sfsu.edu>

Today at 4:07 PM

To: ✉ Victoria Bialorucki; ✉ Subodh Khadka; ✉ Sam Zandiasadabadi; ✉ Jake Klopukh;  
✉ Omar Elhadi Abdalraheem Ahmed; ✉ Erika Chan ^

Hi Team,

It's been a pleasure working with you all on this project!

As team lead, I was in charge of managing all components of this project and assigning parts of the project to each member.

I oversaw all team members across all milestones to ensure work was being completed in a quality and timely manner.

- Responsible for overseeing all activities within a team.
- Responsible for deciding how to approach tasks and develop a plan to accomplish them.
- Responsible for distributing information to team members and class CEO/CTO
- Responsible for keeping track of and structuring various tasks and documents.
- Responsible for determining the goals that members will work toward.

I worked on each milestone and turned in each milestone to the class CEO/CTO as well.

I have 16 commits on Github.

## Re: CSC 648 - Team Member Contributions

SK

✉ Subodh Khadka <skhadka@sfsu.edu>

Today at 3:18 PM

To: ✉ Shriya Raghavendra Dandin; ✉ Sam Zandiasadabadi; ✉ Jake Klopukh;  
✉ Omar Elhadi Abdalraheem Ahmed; ✉ Victoria Bialorucki; ✉ Erika Chan ^

My contribution for this project:

Role: Database Engineer

Main Task: Worked with MySQL server

Testing: Helped test both the backend and frontend of the project

Database Management: Ensured all necessary data was correctly organized in the database

Data verification: Checked information on college sports and colleges in the database

I have only made 1 commits because most of the time I was working on database part and it's hard to track.