

# **Final Project for SW Engineering Class**

## **CSC 648-848 Spring 2021 Section 02**

*(Team 5)*

TalentFront

URL: <http://3.138.183.244/>

April 20, 2021

Austin Wimberley ([awimberley@mail.sfsu.edu](mailto:awimberley@mail.sfsu.edu)) - Team Lead  
Battulga Tsogtgerel  
Ezra Player  
Utkrisht Sharma  
Alfonso Duarte-Sarabia

### **History Table:**

Date	Action
March 20, 2021	Submitted for review
NA	Date revised/finalized

## 2) Product Summary

URL: <http://3.138.183.244/>

TalentFront is a talent pipeline for SFSU students. Recent graduates or current students will be able to look and apply for jobs and employers will be able to job post and search for qualified talent. The idea of TalentFront is to make the talent pipeline easier for employers and make it easier for students to job hunt. Whether it be talent, professors, or employers, all will be able to create an account and share their information. Students will be able to upload resumes and demonstrate what they bring to the table for employers. Professors will also be a fundamental part of TalentFront. Professors will be able to review student's resumes and be able to suggest job posts to students. Employers will consist of either talent acquisition, non-profit organizations, or employee research groups. Employers will essentially market themselves through their job posts but will try to find talent that meets their demands. One of ways TalentFront could market themselves would be to promote our product as much as possible. We can use social media platforms like Twitter or through the official SFSU Discord or Slack channels. Discord and Slack are great since they are primarily used by SFSU students and recent graduates so a product like TalentFront could definitely be beneficial to them. Promotion through social media is always going to be a great way for us Students and graduates use LinkedIn to look for jobs but the difference is that TalentFront is tailored specifically for SFSU students and we have the extra ability for teachers to rate students and suggest job postings to students. Having professors with those functionalities really adds a unique type of product. The relationship between professors and students becomes stronger since a professor could help a student more easily get a job. TalentFront offers the functionalities of similar competitors like we mentioned with LinkedIn but tailored to a specific audience which in many ways is better and easier when trying to find a job.

### P1 Requirements Broken Down by User Group:

#### Talent

- 1) Sign up - Create account.
- 2) Returning users should be able to log into previously created accounts.
- 3) After logging in/registering session information should be stored in the client, so that state/information is persisted to their profile.
- 4) Talent should be requested to enter standard information: name, school, major, and highest degree completed or expected graduation date.

## **Professors**

- 1) Professors should be able to create specialized accounts which will be verified by using a correct email's domain.
- 2) Professors will be able to rate students in a scale from 1-5 fashion, being 5 being the highest ratings that implies knowledgeable, responsible, teamwork, leadership, committed to success, etc. and enter recommendations.

## **Employers**

- 1) Create job postings for their company.
- 2) Employers should be able to enter their company profile information: Product/Services they offer, company mission, number of employees, photos of office, office locations, brief introduction of company.
- 3) Search through talent for prospects with appropriate qualifications.

## **Not Registered Users**

- 1) Users who don't want to register, should still be able to view talent and job listings.

### **3) Milestone Documents**

M1 Link:

<https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/blob/master/Milestones/M5/CSC648-848%20Spring%202021%20Milestone1%20Section%2002%20Team%2005.pdf>

Milestone 2 Link:

<https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/blob/master/Milestones/M5/CSC648-848%20Spring%202021%20Section02%20Milestone2%20Team05.pdf>

M3 Link:

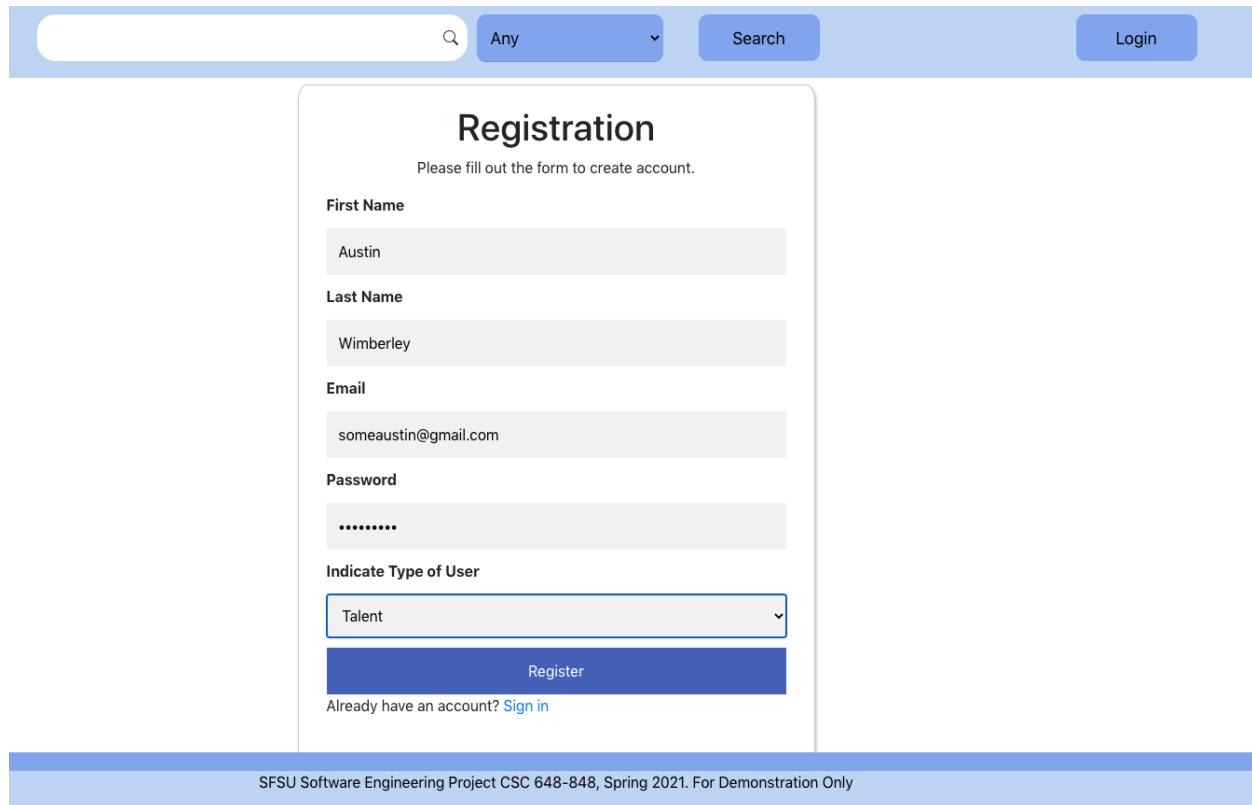
<https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/blob/master/Milestones/M5/Milestone3Feedback.pdf>

Milestone 4 Link:

<https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/blob/master/Milestones/M5/CSC648-848%20Spring%202021%20Milestone4%20Team05.pdf>

## 4) Screenshots of Final Product

Example of the Registration page



The screenshot shows a registration form on a website. At the top, there is a search bar with a magnifying glass icon, a dropdown menu set to "Any", a "Search" button, and a "Login" button. The main form is titled "Registration" and contains the following fields:

- First Name:** Austin
- Last Name:** Wimberley
- Email:** someaustin@gmail.com
- Password:** (Redacted)
- Indicate Type of User:** A dropdown menu showing "Talent".

Below the form is a link: "Already have an account? [Sign in](#)". At the bottom of the page, a blue footer bar displays the text: "SFSU Software Engineering Project CSC 648-848, Spring 2021. For Demonstration Only".

## Example of Login page

The screenshot shows a user interface with a light blue header bar at the top. On the left of the header is a search input field containing a magnifying glass icon. To its right is a dropdown menu set to "Any". Further right are two buttons: "Search" and "Login". Below the header is a large, rounded rectangular box containing a login form. The form has two input fields: "Email" and "Password", each with a placeholder text. Below these fields is a link "Don't have an account? [Sign up](#)". To the right of the password field is a "Login" button. At the bottom of the page, there is a horizontal blue footer bar with white text that reads "SFSU Software Engineering Project CSC 648-848, Spring 2021. For Demonstration Only".

Email

Password

Don't have an account? [Sign up](#)

Login

SFSU Software Engineering Project CSC 648-848, Spring 2021. For Demonstration Only

## Example of a profile page I made

The screenshot shows a web browser window with a profile page. At the top, there's a header bar with a search bar, a dropdown menu set to 'Any', a 'Search' button, and user navigation buttons for 'Austin' and 'Logout'. The main content area has a light blue header bar with the text 'Finance Company - Senior Software Engineer May 2019 to present'. Below this, there's a yellow box containing a bulleted list of achievements. To the left, there's a sidebar with a profile picture, upload/browse buttons, and a summary of the user's education and skills. At the bottom, a blue footer bar displays the text 'SFSU Software Engineering Project CSC 648-848, Spring 2021. For Demonstration Only'.

A Not Secure | 3.138.183.244/profile

Any Search Austin Logout

  
upload image Browse

**Austin Wimberley**  
San Francisco State University Computer Science

**Skills**  
java  
spring  
kubernetes  
kotlin

**Finance Company - Senior Software Engineer May 2019 to present**

- \* After a re-organization, became the owner of a brand new project to integrate with Impact Radius. The project was originally designed and launched using an untested mParticle integration which would send data straight from mParticle's customer data platform to Impact Radius, where we would track affiliate leads + conversions, then payout the affiliates. This third-party to third-party integration had many negatives which lead myself to redesign and launch a self hosted connection to Impact. With the help of my team we launched a Kafka consumer that listened to a variety of events and sent directly to Impact as well as our datalake, and micrometers. This allowed for us to have much better observability into our data pipeline and payout data.
- \* Redesigned our signup page for Affiliate prequals. Based on a user's prequal cookie information, I wrote the backend and frontend in order to show a specialized banner with the Affiliate's information and the offer they selected for the prequal when the user goes to register. The specialized page increases user trust for the Affiliate integration and has improved register conversion by 15%.
- \* Built a Kafka consumer that listens to a variety of events across all of SoFi's product offerings to send important conversion data to Google Search Ads 360, which allowed SoFi to better optimize our search engine marketing

Add Experience ▾

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## Example of Creating a Job Posting

The screenshot shows a user interface for creating a new job posting. At the top, there is a search bar with a magnifying glass icon, a dropdown menu set to 'Any', and a 'Search' button. Below the search bar is a modal window titled 'Create New Job Posting'. The modal contains fields for job title ('Software Data Analyst'), company name ('Peak'), salary range ('Salary Top: 100000', 'Salary Bottom: 80000'), location ('City: Baltimore', 'State: MD'), a description section ('Who We Are:' containing placeholder text about a men's health company), and requirements ('SQL, Python, Git'). At the bottom right of the modal are 'Close' and 'Save Changes' buttons.

Job title: Software Data Analyst

Company Name: Peak

Salary Top: 100000

Salary Bottom: 80000

City: Baltimore

State: MD

Description:

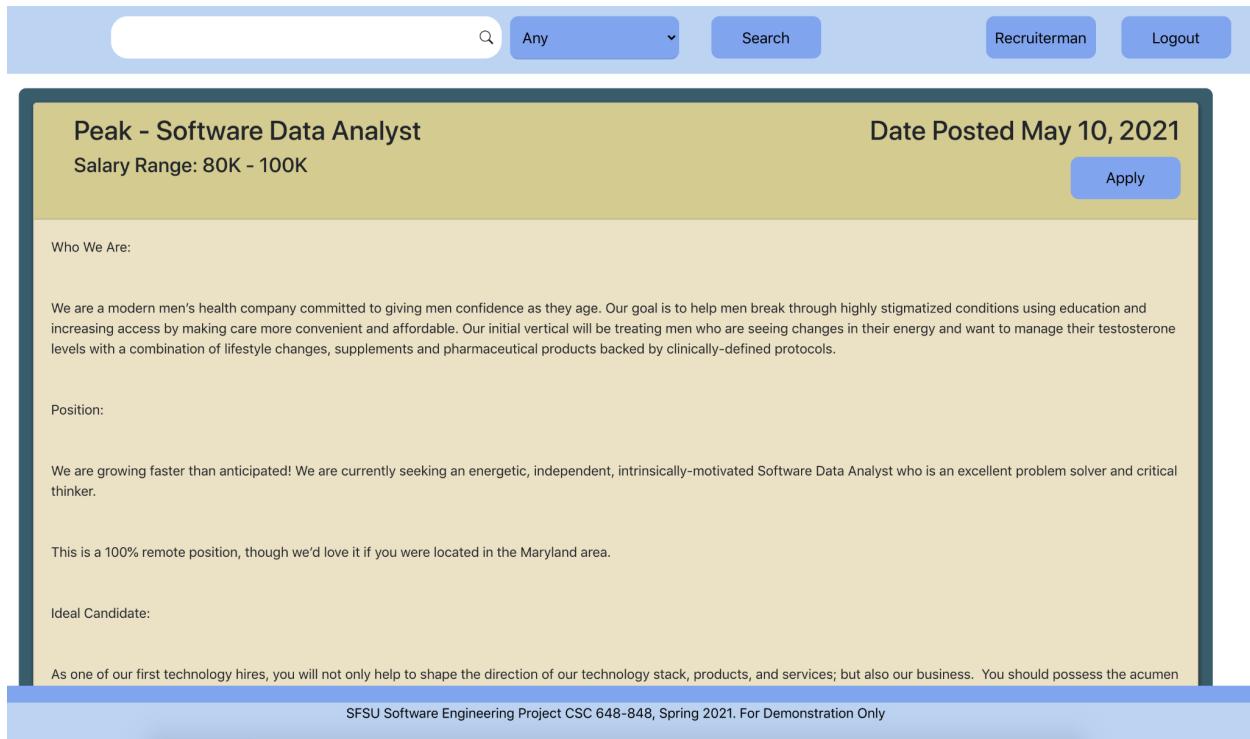
Who We Are:  
We are a modern men's health company committed to giving men confidence as they age. Our goal is

Requirements:

SQL, Python, Git

Close Save Changes

## Example of the Job Posting hat was Created



The image shows a job posting interface. At the top, there is a blue header bar with a search input field, a dropdown menu set to 'Any', a 'Search' button, and two buttons for 'Recruiterman' and 'Logout'. Below the header is a yellow job card. The job title is 'Peak - Software Data Analyst' and the salary range is 'Salary Range: 80K - 100K'. To the right of the title is the date 'Date Posted May 10, 2021' and a blue 'Apply' button. The main content area has a light beige background. It starts with a section titled 'Who We Are:' followed by a paragraph about the company's mission to help men break through stigmatized conditions. Next is a 'Position:' section with a paragraph about the role being energetic, independent, and intrinsically-motivated. Then there is a note that it's a 100% remote position, though located in Maryland is preferred. Finally, there is an 'Ideal Candidate:' section with a paragraph about the ideal candidate's qualifications. At the bottom of the page is a blue footer bar with the text 'SFSU Software Engineering Project CSC 648-848, Spring 2021. For Demonstration Only'.

Peak - Software Data Analyst

Salary Range: 80K - 100K

Date Posted May 10, 2021

Who We Are:

We are a modern men's health company committed to giving men confidence as they age. Our goal is to help men break through highly stigmatized conditions using education and increasing access by making care more convenient and affordable. Our initial vertical will be treating men who are seeing changes in their energy and want to manage their testosterone levels with a combination of lifestyle changes, supplements and pharmaceutical products backed by clinically-defined protocols.

Position:

We are growing faster than anticipated! We are currently seeking an energetic, independent, intrinsically-motivated Software Data Analyst who is an excellent problem solver and critical thinker.

This is a 100% remote position, though we'd love it if you were located in the Maryland area.

Ideal Candidate:

As one of our first technology hires, you will not only help to shape the direction of our technology stack, products, and services; but also our business. You should possess the acumen

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## Example of a Professor leaving a review and the refresh of a talents profile page

The screenshot shows a user interface for a professional networking or review platform. At the top, there is a search bar with the name "Austin", a dropdown menu set to "Any", a "Search" button, and navigation links for "Professor" and "Logout". Below the header, a talent profile for "Austin Wimberley" is displayed. The profile includes a circular profile picture, the name "Austin Wimberley", and the text "San Francisco State University Computer Science". To the right of the profile, a job listing for "Finance Company - Senior Software Engineer" from "May 2019 to present" is shown. A modal window titled "New Review for Austin Wimberley" is open, prompting the user to "Rate them out of 5" (set to 5) and providing a text area for the review. The review text is: "Austin preformed admirably and received top marks in my DS & Algorithms class". At the bottom of the modal are "Close" and "Save Changes" buttons.

The screenshot shows the same web application after the review has been saved. The "Save Changes" button in the previous modal has been clicked, and the modal has closed. The talent profile for "Austin Wimberley" is now updated to show the new review. The review is listed under the job listing, showing the professor's name "Review from Professor Professoerson", the rating "5/5", and the review text: "Austin preformed admirably and received top marks in my DS & Algorithms class". There is also a "Reviewer" badge next to the professor's name. At the bottom right of the talent profile, there is a "Add a review" button.

## Example of Search functionality with filtering for Jobs

The screenshot shows a user interface for a job search platform. At the top, there is a navigation bar with a search input field containing "Software", a magnifying glass icon, a dropdown menu set to "Jobs", a "Search" button, and links for "Professor" and "Logout".

The main content area displays two job listings in a grid format:

- Sun Microsystems: Software Engineer**  
A valued client of Kforce is currently in need of a Full Stack/Software Developer with experience in Java. This position will sit remote but they need this resource to be near a local office in Memphis, Miami, or Buffalo. So if you are not near these places you would need to be open to relocate in the near future. NO C2C-PERM ROLE ONLY. NO Sponsorship provided for this role unfortunately. If this i...  
[Page](#)
- Peak: Software Data Analyst**  
Who We Are:  
We are a modern men's health company committed to giving men confidence as they age. Our goal is to help men break through highly stigmatized conditions ...  
[Page](#)

## Example of Search functionality with filtering for any

The screenshot shows a search interface with a blue header bar. On the left is a search input field containing "Software" with a magnifying glass icon. To its right is a dropdown menu set to "Any". Next is a blue "Search" button. On the far right of the header are "Professor" and "Logout" buttons.

The main content area displays three search results, each in a dark blue box:

- Sun Microsystems: Software Engineer**  
A valued client of Kforce is currently in need of a Full Stack/Software Developer with experience in Java. This position will sit remote but they need this resource to be near a local office in Memphis, Miami, or Buffalo. So if you are not near these places you would need to be open to relocate in the near future. NO C2C-PERM ROLE ONLY. NO Sponsorship provided for this role unfortunately. If this i...  
[Page](#)
- Peak: Software Data Analyst**  
Who We Are:  
We are a modern men's health company committed to giving men confidence as they age. Our goal is to help men break through highly stigmatized conditions ...  
[Page](#)
- Mike Johnson**  
Works as a Software Engineer for Boeing  
[Page](#)

A thin blue horizontal bar at the bottom contains the text "SFSU Software Engineering Project CSC 648-848 Spring 2021 For Demonstration Only".

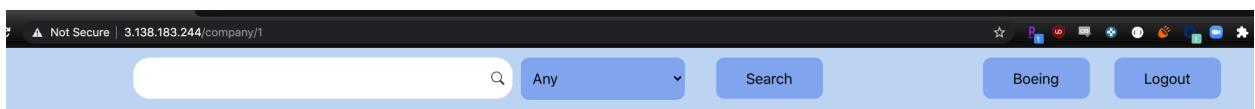
This screenshot shows a zoomed-in view of the search results for "Mike Johnson". It features two cards in a dark blue box:

- Mike Johnson**  
Works as a Software Engineer for Boeing  
[Page](#)
- Austin Wimberley**  
Works as a Senior Software Engineer for Finance Company  
[Page](#)

A thin blue horizontal bar at the bottom contains the text "SFSU Software Engineering Project CSC 648-848, Spring 2021. For Demonstration Only".

## Example of creating a Company Page

The screenshot shows a modal dialog titled "Create a New Company Page". The dialog contains fields for "Company Name" (Boeing) and "Number of Employees" (130155). The "Product" field contains the text: "Join us and find an inclusive workplace built on innovation and shared values." The "Mission" field contains the text: "Boeing is an Equal Opportunity Employer. Employment decisions are made without regard to race, color, religion, national origin, gender, sexual orientation, gender identity, age, physical or mental disability, genetic factors, military/veteran status or other characteristics protected by law." The "Locations" field contains "Chicago, Seattle". At the bottom right are "Close" and "Save Changes" buttons.



The screenshot shows the final "Boeing" company page. The header displays the company name and "Number of Employees: 130155". The main content area includes sections for "Company's Mission" (describing Boeing as the world's largest aerospace company), "Company's Product" (describing an inclusive workplace), and "Locations" (listing Chicago and Seattle). The footer is dark blue.

**Boeing** Number of Employees: 130155

**Company's Mission**

We are the world's largest aerospace company and leading provider of commercial airplanes, defense, space and security systems, and global services. Building on a legacy of aerospace leadership, Boeing continues to lead in technology and innovation, deliver for its customers, and invest in its people and future growth. With us you can create and contribute to what matters most in your career, in your community and around the world. Our team members are supported to explore their professional interests and pursue new opportunities that will deepen their knowledge of our business. Join us in building the future of aerospace: [boeing.com/careers](http://boeing.com/careers)

Boeing is an Equal Opportunity Employer. Employment decisions are made without regard to race, color, religion, national origin, gender, sexual orientation, gender identity, age, physical or mental disability, genetic factors, military/veteran status or other characteristics protected by law.

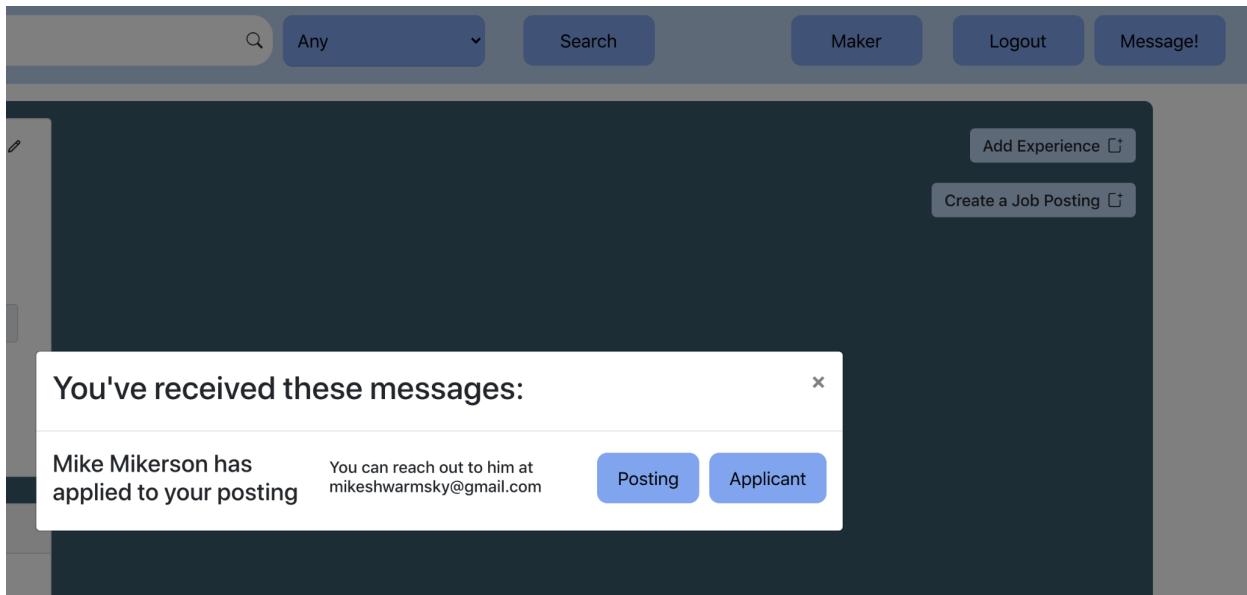
**Company's Product**

Join us and find an inclusive workplace built on innovation and shared values.

**Locations:**

- \* Chicago
- \* Seattle

If you're a recruiter and someone applies to your job posting you get a notification.



## 5) Screenshots of Key DB tables

(MySQL 5.7.34) team5prod/db/user

Select Database	Structure	Content	Relations	Triggers	Table Info	Query	
	Search: user_id						
TABLES	user_id	email	salt_password_hash	salt	user_type_id	first_name	last_name
company	1	testUser@test.com	somehash	somesalt	1	Mike	Johnson
company_image	2	testUser2@test.com	somehash	somesalt	1	John	Mikeson
company_location	3	testRecruiter2@test.com	somehash	somesalt	3	Jack	Mikeson
flyway_schema_history	4	someaustin@gmail.com	¶ÓG°YÙ`KjéAeeg°42UÝ°þrÁHÑ°*Úf°d°Ý°ÛÓNDþýkt°1w¶á	SEOpó@jjDÍ°-A7	1	Austin	Wimberley
media	5	recruiter@gmail.com	láéñÀOyAéØlþéca-X°téóóí,1éÓ-V3»,UÆ®há+X"	QJivvneéç[£íó°-·	3	Recruiterman	Recruiterperson
notification	6	professor@gmail.com	.·æéñÛÓtûø=·þbë§í£-ç§løz-gåëSM/JyZb,GivCn4&xk	qWäyV>É-·a·A	2	Professor	Professoerson
posting	7	boeingmeister@gmail.com	¹[Esf-U°]°+xKLlyub-jc°þFAYvÆéåÜ°`°_flEixA°'OæþUGAS	ÿSý-UÍR<_Ä @	4	Boeing	Meister
posting_recommendation	8	joshie@sofi.org	e°_Xtnx?°OþYOYowTs,xBgnZ nmß>Üjjz°>O91 #ëOaaþuyO°x	æiÆvè°UëQO	3	Josh	Joshie
posting_requirement	9	maker@gmail.com	_r°cSDUðéyD aþyUUOo:ùùLðD+ùùamgðrYI>Ùleðámë	ih@VanY_4ë°O+	3	Maker	Makerson
user	10	mikeshwarmsky@gmail.com	Ú°pdCCùB;ùuKzùBðùë&ëòC=DùuRá7xq6sx-\$>#l;j&	'yä9lçüj°ÞþC	1	Mike	Mikerson
user_company							
user_education							
user_experience							
user_image							
user_info							
user_posting_apply							
user_relationship							
user_review							
user_session							
user_skill							
user_type							

Filter:  company\_id  =

Search:  company\_name  =

**TABLES**

- company**
- company\_image
- company\_location
- flyway\_schema\_history
- media
- notification
- posting
- posting\_recommendation
- posting\_requirement
- user
- user\_company
- user\_education
- user\_experience
- user\_image
- user\_info
- user\_posting\_apply
- user\_relationship
- user\_review
- user\_session
- user\_skill
- user\_type

company_id	company_name	mission	product	number_employees
1	Boeing	We are the world's largest aerospace company and leading provider of co...	Join us and find an inclusive workplace built on innovation and shared values.	130155

Filter:  user\_experience\_id  =

Search:  user\_experience\_id  =

**TABLES**

- company
- company\_image
- company\_location
- flyway\_schema\_history
- media
- notification
- posting
- posting\_recommendation
- posting\_requirement
- user
- user\_company
- user\_education
- user\_experience
- user\_image
- user\_info
- user\_posting\_apply
- user\_relationship
- user\_review
- user\_session
- user\_skill
- user\_type

user_experience_id	job_title	company	description	date_start	date_end	user_id
1	Software Engineer	Boeing	Working with users to determine their software needs! Designing, developin...	2017-01-10	2019-07-14	1
2	Software Engineer Lead	SpaceX	I was responsible for their team's execution, the quality they produce, the s...	2019-07-14	NULL	1
3	Senior Software Engineer	Finance Company	* After a re-organization, became the owner of a brand new project to integ...	2019-05-01	NULL	4

Filter:  user\_review\_id  =

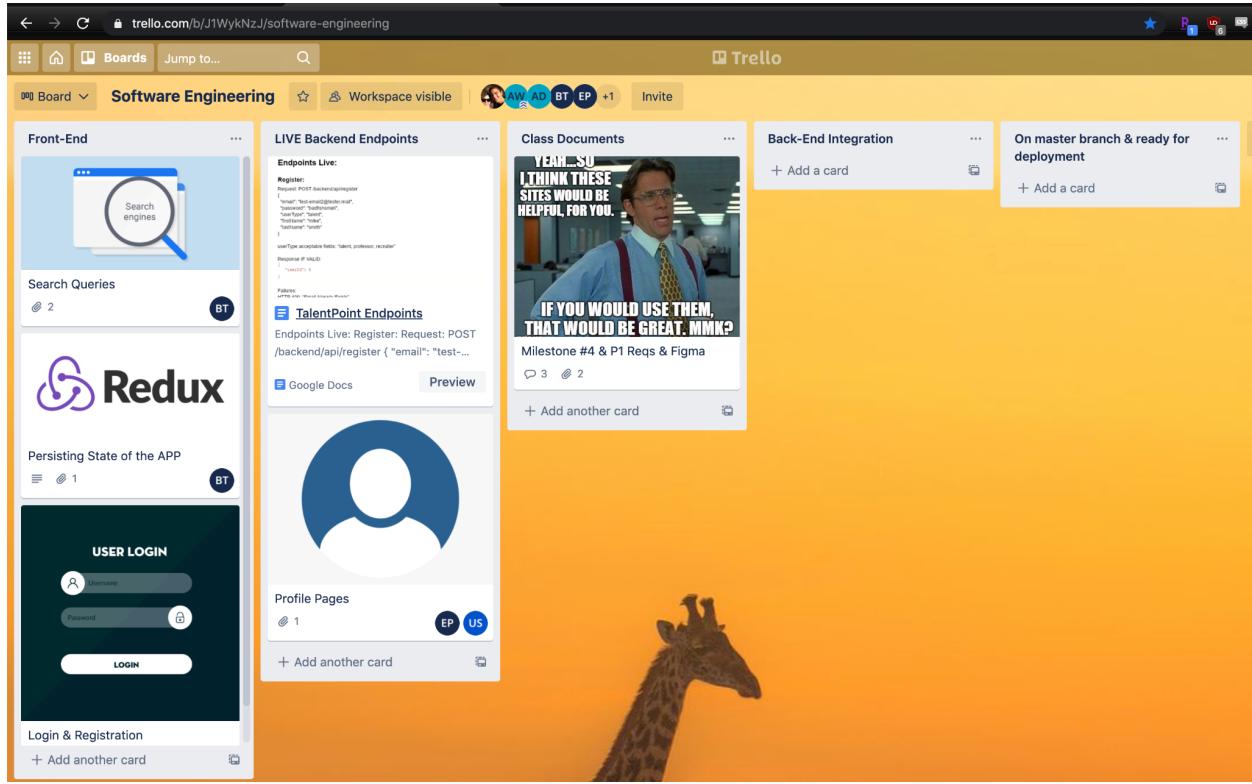
Search:  user\_review\_id  =

**TABLES**

- company
- company\_image
- company\_location
- flyway\_schema\_history
- media
- notification
- posting
- posting\_recommendation
- posting\_requirement
- user
- user\_company
- user\_education
- user\_experience
- user\_image
- user\_info
- user\_posting\_apply
- user\_relationship
- user\_review
- user\_session
- user\_skill
- user\_type

user_review_id	review_data	reviewer_id	reviewee_id	review_stars
1	Austin preformed admirably and received top marks in my DS & Algorithms class	6	4	5

## 7) Screenshots of Task Management system



## 8) Team Member Contributions

### Austin Wimberley

 Gmail austin wimberley <austinwim@gmail.com>

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**TalentFront Contributions**

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austin wimberley <austinwim@gmail.com> Sun, May 9, 2021 at 6:43 PM  
To: Austin Wimberley <awimberley@mail.sfsu.edu>, Alfonso Duarte-Sarabia <asarabi2@mail.sfsu.edu>, Ezra Player <eplayer@mail.sfsu.edu>, Battulga Tsogtgerel <btsogtgerel@mail.sfsu.edu>, usharma1@mail.sfsu.edu

A)  

- Did all of the backend work, making endpoints for all required functionality spanning from users, jobpostings, search, login/register, user information, applications, and notifications.
- Wrote all of the database migrations and managed the mysql datastore.
- Set up the devops for the project making use of docker, docker-compose and flyway for database migrations.
- Managed the production deployment of the project.
- Set up the nginx configurations to manage all of the routing in order to reverse proxy the network requests to the proper services.
- Set up the session management system so that logging in/registered maintained the proper state through use of session cookies.
- Worked on the company page, setting it up so that company users could post a page.
- Set up the viewing of the company page.
- Worked on the individual job postings page, setting it up so that recruits and companies could post job posting.
- Set up the viewing of the jobposting page.
- Set up the page to view search results.
- Set up the messages so that recruiters/companies are notified when they have talent apply to their job posting.
- Set up the professor's ability to leave reviews on talent's pages, and added the section to view professor's reviews on talents pages.

B) All in all I made 37 merge requests into master: <https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/pulls?q=is%3Apr+author%3Apachecosf+is%3Aclosed>

As a team lead I pushed this project forward mainly by doing the work.

All in all I made 37 merge requests into master:

<https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/pulls?q=is%3Apr+author%3Apachecosf+is%3Aclosed>

## Alfonso Duarte-Sarabia

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austin wimberley <austinwim@gmail.com>

### TalentFront Contributions

2 messages

Alfonso Duarte-Sarabia <asarabi2@mail.sfsu.edu>

Tue, May 11, 2021 at 1:08 AM

To: Austin Wimberley <awimberley@mail.sfsu.edu>, Battulga Tsogtgerel <btsogtgerel@mail.sfsu.edu>, Ezra Player <eplayer@mail.sfsu.edu>, Utkrisht Sharma <usharma1@mail.sfsu.edu>

#### (A) Contributions

- Login Page
- Registration Page
- Database organization/ schema (Milestone 2)
- Usability Test Plan (Milestone 4)

#### (B) Number of submissions to github team dev. branch

12 commits

<https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/commits?author=alfonsoduartesarabia>

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## 12 commits

<https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/commits?author=alfonsoduartesarabia>

## Utkrisht Sharma

Utkrisht Sharma <usharma1@mail.sfsu.edu>

Tue, May 11, 2021 at 1:37 AM

To: Alfonso Duarte-Sarabia <asarabi2@mail.sfsu.edu>, Austin Wimberley <awimberley@mail.sfsu.edu>, Battulga Tsogtgerel <btsogtgerel@mail.sfsu.edu>, Ezra Player <eplayer@mail.sfsu.edu>

| UTKRISHT SHARMA

(1) Contributions

- Front end (GUI Page)
- BACKEND (API testing)
- Database Testing
- UML Diagram and Class architecture

(2)github :

5 commits

<https://github.com/utkrishtsharma>

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## 5 commits

<https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/commits?author=utkrishtsharma>

## Battulga Tsogtgerel

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### TalentFront Contributions

1 message

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**Battulga Tsogtgerel** <bttsogtgerel@mail.sfsu.edu> Tue, May 11, 2021 at 10:09 AM

To: Ezra Player <eplayer@mail.sfsu.edu>, Austin Wimberley <awimberley@mail.sfsu.edu>, Utkrisht Sharma <usharma1@mail.sfsu.edu>, Alfonso Duarte-Sarabia <asarabi2@mail.sfsu.edu>

A)

- User session management (Login/Register/Logout).
- Profile updating API calls & some UI tweaks on Profile page.
- Homepage.
- Navbar and initial job search functionality & list of results.
- M2: Use cases, and Personas

B )

Github: thetulga

Front-End developments, I made 20+ commits in the `tulga` branch and 6 merges into the `master` branch.

Latest merge link: <https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/commit/6d4320ad5896b4c7d4707467af074bdb0fc0bd11>

<https://github.com/CSC-648-SFSU/csc648-02-sp21-team-05/commits?author=theTulga>

## Ezra Player



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### TalentFront Contributions

1 message

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**Ezra Player** <eplayer@mail.sfsu.edu> Tue, May 11, 2021 at 9:44 AM

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A)

- Frontend: Profile Page (Edit functionality and structure)
- M2: Use cases, and Personas
- Story Boards
- M3: QA test plan

B )

Github: ezra5512

6 commits.

## 9) Post Analysis

Welp the project is finally over. The product is acceptable and I'm proud of the work I have put forward in this project to meet all of the requirements we set as a team. I don't know how much hand holding is to be expected in order to force contributions out of all of the team members. We all agreed upon the requirements for the project and we set milestones and due dates for when functionality was due that was not followed up on.

5 weeks ago I set up "sprint" requirements for what functionality is to be expected to be completed by the end of each week. I delivered the backend portions on time every week but I was getting very little from the other teammates for the frontend portions, and after the end of 4 weeks the only page that was half completed was the user profile page. I would badger for updates on the assigned portions but I would always get the same set of excuses. "I'm busy with other projects," "I have all this homework due in other classes." Cool guys, so do I, and I have a full time job...

It got to the point Friday where I realized little would get done unless I just did it. I continued to spend the next three days writing all the functionality for the search listings, company pages, job postings pages, professor reviews etc.

So apart from all that negativity, I will say that Battulga was essential in setting up the frontend project and did more than his fair share on functionality and structure of that repository. His setup allowed me to quickly set up all the missing functionality.

So what would I do differently next time? I don't know... group projects suck.