

SFSUFolio
Hire Or Get Hired!
CSC 642 – 842 HCI Summer 2020

Final Team Report

SFSUFolio helps SFSU students to find jobs or employers to find the best person to get a job done. Individuals can find programmers, tutors, artists, etc. This website helps people to find the best fit easily with the help of the best usability and clarity in the portfolios.

Team 8

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Due: 08/05/2020

URL:

www.sfsufolio.tk

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Design and Implementation Documents:

2.1 Initial Proposal

Executive Summary:

A startup team composed of San Francisco State University students has come together to create a portfolio sharing community that will be exclusively for SFSU students called “SFSUFolio”. SFSUFolio is a fun interactive website that allows users from all majors to showcase their portfolios and showcase their work experience that is/has been used in courses at San Francisco State University. This will help hiring managers to see SFSU student’s portfolios when it comes to hiring new talent for their company. Also, users can connect with each other who may share similar courses or interest making this commuter school feel more at home.

SFSUFolio creates an environment where it welcomes not only hiring managers for big companies to navigate through our website to easily locate students they are searching for. Similar to our competitors, we will be implementing a search feature where users can browse through items that will filter to what they are seeking for. This will allow hiring managers to be able to search for SFSU students with specific degrees or from specific departments. This can also be extended to different courses taken if the student has added that information to their page.

Being San Francisco State students, we understand the obstacles that we face during the academic semester such as balancing school, work, and our personal lives. Having an exclusive website for SFSU students where they can showcase their work brings convenience to both them and hiring managers. We, the Lazorcat team, believe safety is important which is why we require all users who wish to communicate with other users to register through their SFSU email. SFSUFolio is composed of five computer sciences students. Individually we are highly motivated students who have come together to expand our experience developing a user interface website that will help the community we are a part of. While we have seen and used sites similar to ours, such as Fiverr and LinkedIn we have identified the strengths of those sites and how we can improve it for other students just like us.

Persona:**Bash - Art Student:**

Bash is a freshman at SF State studying Comp Science. He is looking for a part-time job where he can freelance and earn some extra money which he can use toward paying college debt. He is pro when it comes to using technology and he prefers apps that are quick and easy to use. He is also looking for a website that does not charge too much for showcasing his portfolio.

High-Level Use Case# 1:

Title	UI designer looking for work
Actor	Bash
Description	Bash is an art student and he wants to find a job or freelance work. Someone told him about SFSUFolio and he was interested to sign up for free of cost. He went to the website and created his portfolio by clicking on sign up. Bash mentioned the courses he took at SFSU and his GPA from SFSU. He managed to create a well-developed portfolio because SFSUFolio provided him a form. After that, Bash was contacted by a person because he had his email address in the portfolio.

Persona:**Nadia - Math Student:**

Nadia is a math student at San Francisco State University. She lives off-campus and doesn't go to every class. She prefers online classes and prefers online notes. She is struggling in her math classes and looking for a tutor who can teach her online. not an expert when it comes to technology, therefore, She prefers something online and convenient

High Level Use Cases:

Title	Struggling with Maths
Actor	Nadia
Description	Nadia is a student at SFSU and she is struggling with Math homework. She is a registered user. She went to SFSUFolio and searched for desired portfolios. She found a portfolio of Mathematics graduated student and then she clicked on the portfolio to get access to the portfolio. She found the email address in the portfolio and contacted that person for tutoring/ help. They communicated through email and made an agreement for tutoring sessions. Nadia was happy after getting the tutoring and she went back to the portfolio to give a 5-star rating and best review.

Persona:**Aroon - job recruiter:**

Aroon works in the HR department of a software company in San Francisco. He is a job recruiter and he had to search around several websites to find a fitting candidate for the job. He believes in local talent and that is why he is looking for a website where he can find local students who are studying at San Francisco state university or graduate from SFSU. He's looking for students that have taken specific courses and knows that certain professors teach really well.

High Level Use Case:

Title	Looking for UI designer
Actor	Aroon
Description	Aroon is a job recruiter and he is looking for a Business Major. He went to SFSUFolio and searched for UI designer by using a search bar. He found some portfolios of SFSU students. He clicked on the desired portfolio and decided to hire a UI designer from SFSUFolio. He could not see the cover letter since he was an unregistered user.

List of Major Functions Envisioned:

1. Guest users shall be able to browse through the website without logging in.
2. Guest users who want to register shall need to be verified by SFSU email.
3. Guest users shall be able to create an account.
4. Guest users need to register to post and create a portfolio.
5. Registered users shall be able to log in their account by username/ email and password.
6. Registered users shall be able to reset their password if they forget.
7. Registered users shall be able to modify the post.
8. The administrator shall be able to revoke the posting if they violate the policy of the website.
9. The administrator shall be able to access the database.
10. The administrator shall be able to contact students directly.
11. The administrator shall be able to reply to messages and emails from users.
12. The site shall present the Terms, Conditions, and Privacy Policy during the registration.
13. Admin shall be able to prove the requests from students who want to showcase their portfolio on the website.
14. Registered Hiring managers shall be able to find and send emails to the candidates they want to contact through individual portfolio pages.
15. San Francisco State University students shall be able to request to showcase their portfolios by email admin.
16. All guest users from different majors shall be able to request to showcase their portfolio.
17. Guest users can search with arguments that narrow the results including different majors

Competitive Landscape:

The competition for the freelancing industry is increasing in the current society because of the many job search websites that have been created. Websites like LinkedIn and freelance were established a long time ago, and they have all the clients' trust. Besides, many other sites have been developed like design hill that mainly offers the same services that this project will be offering in the market. The competition will always grow because many people will always be thinking about creating many job search websites. Therefore, it all depends on the input that will be given to the project for an appealing output result for the audience in the market.

The project will be different from the rest as we will take a good time in developing it. More especially, we will gather all the necessary data by researching what is missing on the other job search websites. The research will provide us with the best ways of entering the market. More notably, in understanding well the kind of project, we will be doing. The research will also give significant risks and significant gaps that exist in the current job search industry. The job search website will be different as it will give the developer and the client more freedom to agree on the cost as well the time without any restrictions. Alternatively, the site will have the best interactive, user-friendly interface that will allow the client and the developer to communicate and exchange their contacts. Hence, this project will be a success in the job search market.

The main advantage that SFSUFolio will have over its competitors will be having an entire student user base made up of San Francisco State University students. This will allow local businesses to search for the most qualified students in the area in one place. Since an SFSU email is required to sign up as a student, then it will be impossible for others to get their portfolios shown. With this type of exclusivity, the search process will be much more focused than other sites. Rather than searching for a generic skill set, the ability to search for students with a specific degree or major will be possible. Narrowing the search will be easy as the user will be able to see the courses the student has taken, which will reveal their experience.

Tools and Frameworks:

The design of SFSUFolio focuses on the overall user experience so that visitors may find the information that they are looking for efficiently. The tools that the team will be using to achieve this design goal are industry standards that will help to increase productivity. The wide variety of available resources online makes the use of tools like Figma and the framework Bootstrap the perfect fit for the team. The cloud-based services of Figma that allow the team to collaborate seamlessly, combined with the built-in functionality of Bootstrap, make the pair crucial for focusing on the front-end design.

To visualize and prototype the user interface, the team will use Figma. Figma is a dedicated prototyping tool, and as a graphics editor, will allow for the user experience to be honed and perfected for SFSUFolio. The usability of this tool will empower members to share their work and collaborate on the same documents simultaneously. This feature will enable the team to design together and develop a better solution quicker. Along with all of these benefits, Figma also adds the ability for feedback to be given right on the documentation. It's as easy as sharing a link and getting comments on the latest design plans. Good design is more than just how something looks, and Figma will help ensure that SFSUFolio will be as user-friendly as possible, catering to the different types of people that will use it.

The framework that the team will be using to develop and bring the project to life will be Bootstrap. As an industry-standard tool, Bootstrap will allow for accelerated functionality due to its built-in functions. The project will need to be based on CSS and HTML to be able to utilize the framework. SFSUFolio will be a web-based platform that will integrate these languages, including Javascript, to fully realize its purpose. These languages, along with Bootstrap, should allow the team to implement a service that is easy to use and keeps the user in mind.

A primary collaboration tool that will facilitate the team during development will be Google Drive. All of the documentation will be generated using the cloud-based service to allow members to work together concurrently. The platform will make it easy to share any files that need to be accessible to all team members and be downloadable at any time. This will make creating reports for different milestones possible to get done on time without having to send different versions through an email chain.

Another primary tool that will be used is GitHub. Utilizing GitHub for this project makes it easy for the team to share the code once the development of the

service starts. GitHub is a standardized tool and will be very useful in getting used to and understanding.

2.2

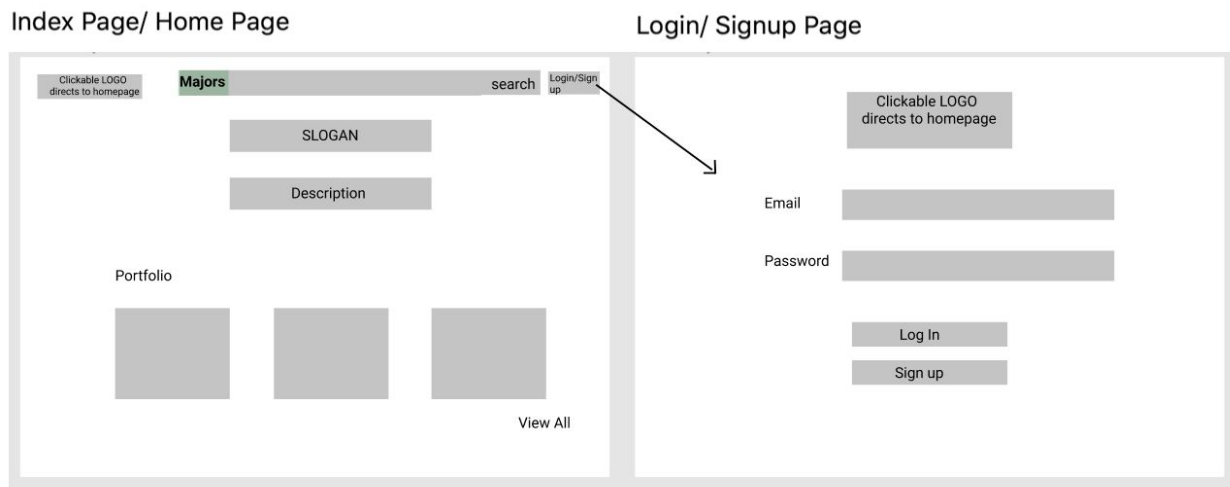
Initial (low fidelity) UI/UX design

Mockups and Storyboards

High-Level Use Case# 1:

Title	UI designer looking for work
Actor	Mike
Description	Mike is an art student and he wants to find a job or freelance work. Someone told him about SFSUFolio and he was interested to sign up for free of cost. He went to the website and created his portfolio by clicking on sign up. Mike mentioned the courses he took at SFSU and his GPA from SFSU. He managed to create a well-developed portfolio because SFSUFolio provided him a form. After that, Mike was contacted by a person because he had his email address in the portfolio.

Mockups and Storyboards# 1/4:

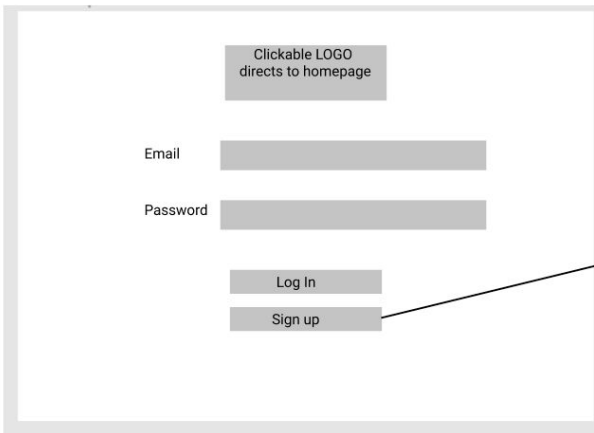


Users direct to the login/ sign page if they click on the "Login/ sign up" button.

Title: UI designer looking for work

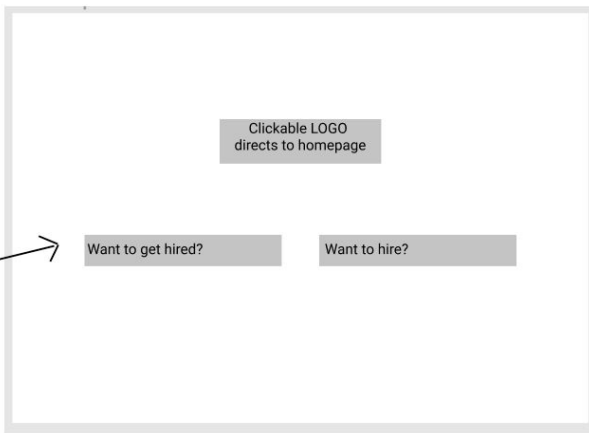
Mockups and Storyboards# 2/4:

Log in /Sign up page



Mockup of the Log in /Sign up page. It features a Clickable LOGO at the top center that directs to the homepage. Below the logo are two input fields: Email and Password. At the bottom, there are two buttons: Log In and Sign up. An arrow points from the Sign up button to the Role Selection Page.

Role Selection Page



Mockup of the Role Selection Page. It features a Clickable LOGO at the top center that directs to the homepage. Below the logo are two buttons: Want to get hired? and Want to hire?.

After clicking on “sign up” button, user has to choose if they are a student or an employer. Students have to fill up a form to create their portfolio.

Title: UI designer looking for work

Mockups and Storyboards# 3/4:

Log in/ Sign up page

Mockup of the Log in/ Sign up page. It features a central area with two buttons: "Want to get hired?" and "Want to hire?". Above these buttons is a "Clickable LOGO" that directs to the homepage. An arrow points from the "Want to get hired?" button to the "Email info page" mockup.

Email info page

Mockup of the Email info page. It features a "Clickable LOGO" that directs to the homepage. Below the logo are three input fields labeled "Email", "Confirm Email", and "Password". At the bottom are two buttons: "Sign up" and "Log In".

After clicking on "Want to get hired?", user has to enter email information and password to create an account.

Title: UI designer looking for work

Mockups and Storyboards# 4/4:

Email info page

Portfolio info page

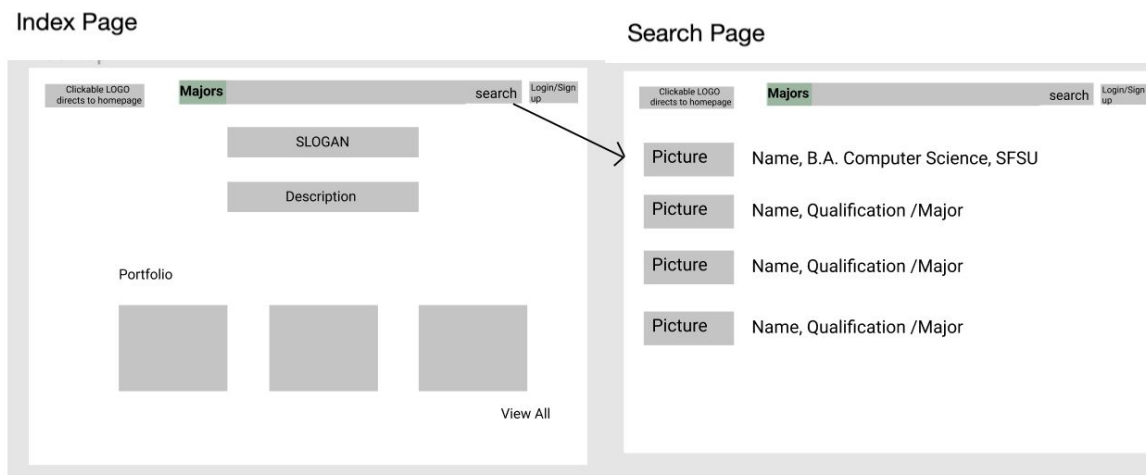
The storyboard consists of two panels. The left panel, titled 'Email info page', contains a 'Clickable LOGO directs to homepage' at the top, followed by input fields for 'Email', 'Confirm Email', and 'Password'. At the bottom are 'Sign up' and 'Log In' buttons. The right panel, titled 'Portfolio info page', contains a 'Clickable LOGO directs to homepage' at the top left, a large 'upload photo' area, and a list of form fields: 'Education (Major/ Degree)', 'Course & Gpa', 'Github Link (optional)', 'Experience', 'References', and 'Cover Letter / skills'. At the bottom right is a 'Submit' button. An arrow points from the 'Sign up' button in the Email page to the Portfolio page.

After clicking on the “sign up” button, users get directed to the page where they have to fill up a form in order to create a portfolio on SFSUFolio.

High-Level Use Case# 2:

Title	Struggling with Maths
Actor	Nadia
Description	Nadia is a student at SFSU and she is struggling with Math homework. She is a registered user. She went to SFSUFolio and searched for desired portfolios. She found a portfolio of CS graduated students who knew mathematics and then she clicked on the picture to get access to the portfolio. She found the email address in the portfolio and contacted that person for tutoring/ help. They communicated through email and made an agreement for tutoring sessions. Nadia was happy after getting the tutoring and she went back to the portfolio to give a 5-star rating and best review.

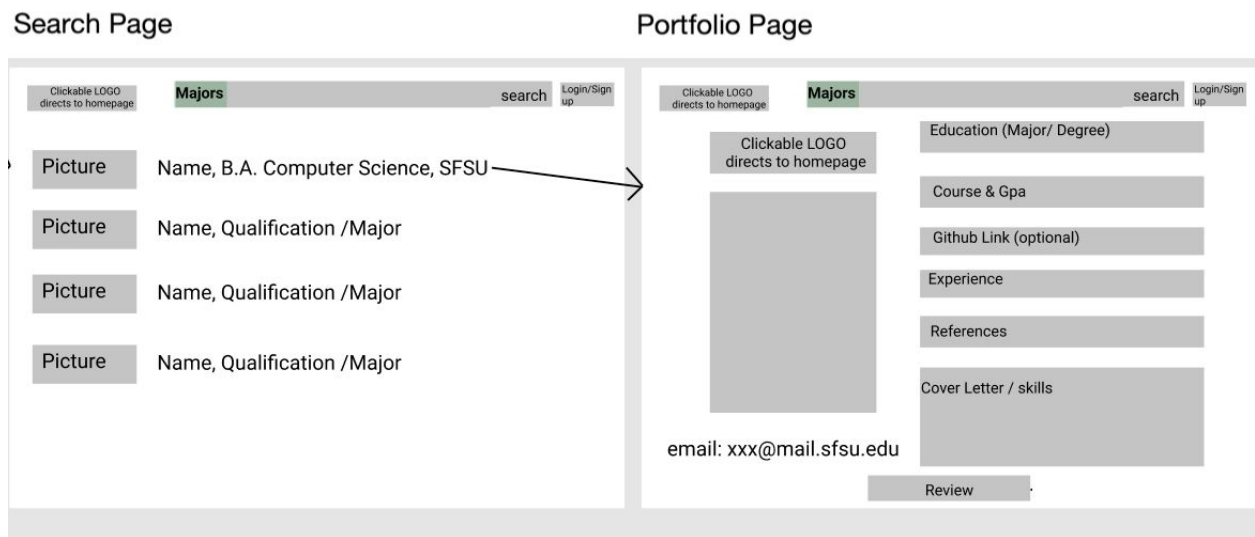
Mockups and Storyboards 1/3:



A user wanted to look for math tutor so she went to index page and searched for math tutor by typing “Math” in the the seach bar.

Title: Struggling with Maths

Mockups and Storyboards 2/3:



A user who was looking for a math tutor found a CS graduate from SFSU. The user was interested in CS graduate since they take mathematics in their degree program.

Title: Struggling with Maths

Mockups and Storyboards 3/3:



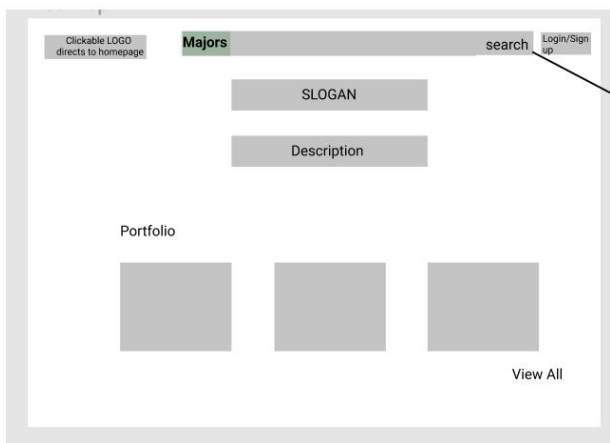
The user found an email listed in the portfolio and contacted the person. The user gave a review after communicating a person through email and getting the service.

High-Level Use Case# 3:

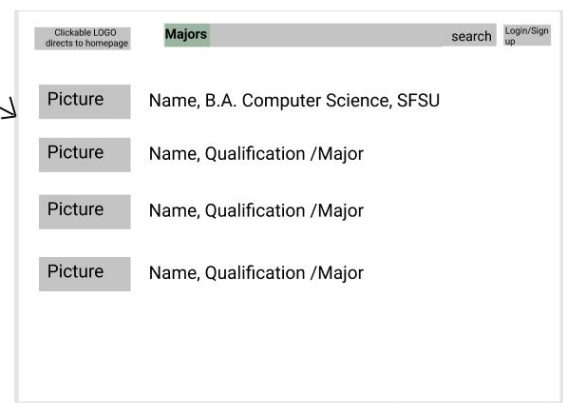
Title	Looking for UI designer - (Un-registered User)
Actor	Aroon
Description	Aroon is a job recruiter and he is looking for a Business Major. He went to SFSUFolio and searched for UI designer by using a search bar. He found some portfolios of SFSU students. He clicked on the desired portfolio and decided to hire a UI designer from SFSUFolio. He could not see the cover letter since he was an unregistered user.

Mockups and Storyboards 1/2:

Index Page



Search Page

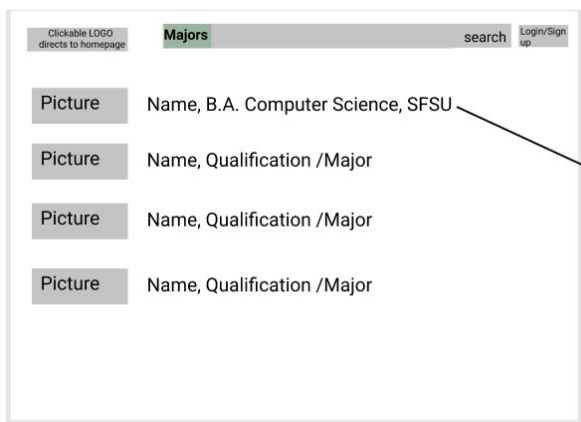


An unregistered hiring manager searched for UI designer in the search bar

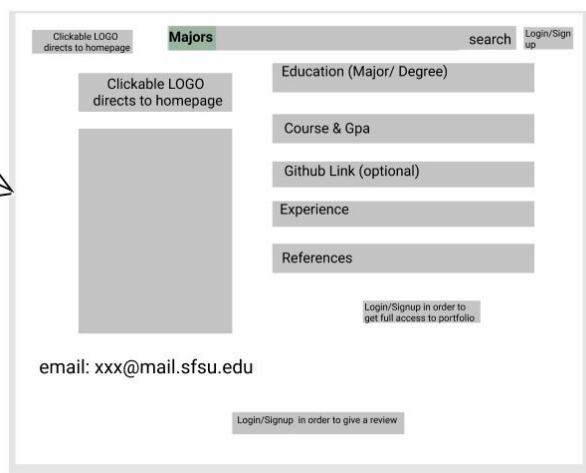
Title: Looking for UI designer - (Un-registered User)

Mockups and Storyboards 2/2:

Search Page



Unregistered Portfolio Page



An unregistered hiring manager clicked on the desired portfolio. After that, he was able to get access to the full portfolio. He was not able to read the cover letter and he was not able to give a review.

List of Major Functions Prioritized:

P1: – most important, critical functions:

1. Guest user can browse the website without logging in
 - This allows the website to have lazy login as anyone will be able to search and find students. Any of the profiles containing student portfolios will also be viewable, but contact information and other specifics will not be viewable without logging in or making an account
2. Student Signup
 - Students will need to have a verified SFSU email to join as a student on the site. The signup process will include filling out information about themselves like their major and courses they have taken. This will be where they put the information for their portfolio.
3. Hiring Managers or recruiters can make specialized accounts
 - When signing up for the site, hiring managers will have a separate signup experience to the students. They won't need to fill out the same fields and will now be able to see information in student pages not previously viewable.
4. Returning users will use login credentials to gain access to the site
 - Users will enter their usernames or emails along with passwords to log back

into their accounts. Logging back in will allow them to see the obfuscated information that is unviewable to guests.

5. Searching on the site will support different arguments to narrow search results

- Being able to choose a major to limit search results along with other criteria

P2: – desirable but not critical functions:

1. The registered student will be able to edit their portfolio and page
 - The user can go back and update their profile with new information including the latest classes that they took or new work in their portfolio
2. Mobile-ready website: A fully functional website that can run and perform all functions on mobile natively.
3. An administrator account has control over backend and removing student pages
 - This account will be able to see all of the users in the database including students and hiring managers. They will be able to remove student pages that do not follow guidelines
4. Registered users can get access to full portfolio and unregistered users can not see the cover letter and submit the review.

Other important information:

1. SFSU students can create a well-developed portfolio, which includes GPA, email address, and what kinds of jobs they are interested in.
2. A user can get access to customer support for technical difficulties.
3. A user can find some reviews on the index page.
4. Hiring managers or recruiters need to sign up for an account on the website.

If the HR recruiter did not sign up for an account on the website, the website would only show the student's name and major. They would not be able to access the complete portfolio.

2.3

**High fidelity UI design prototype and
feedback from the instructor**

Platforms and tools:

The main platform we are using for the delivery of SFSU-Folio is Github. The team lead will deploy SFSUFolio is built with the help of bootstrap. SFSUFolio focuses on the desktop webpage. The bootstrap is an open- CSS framework that makes the front end ready for the mobile as well as for the desktop.

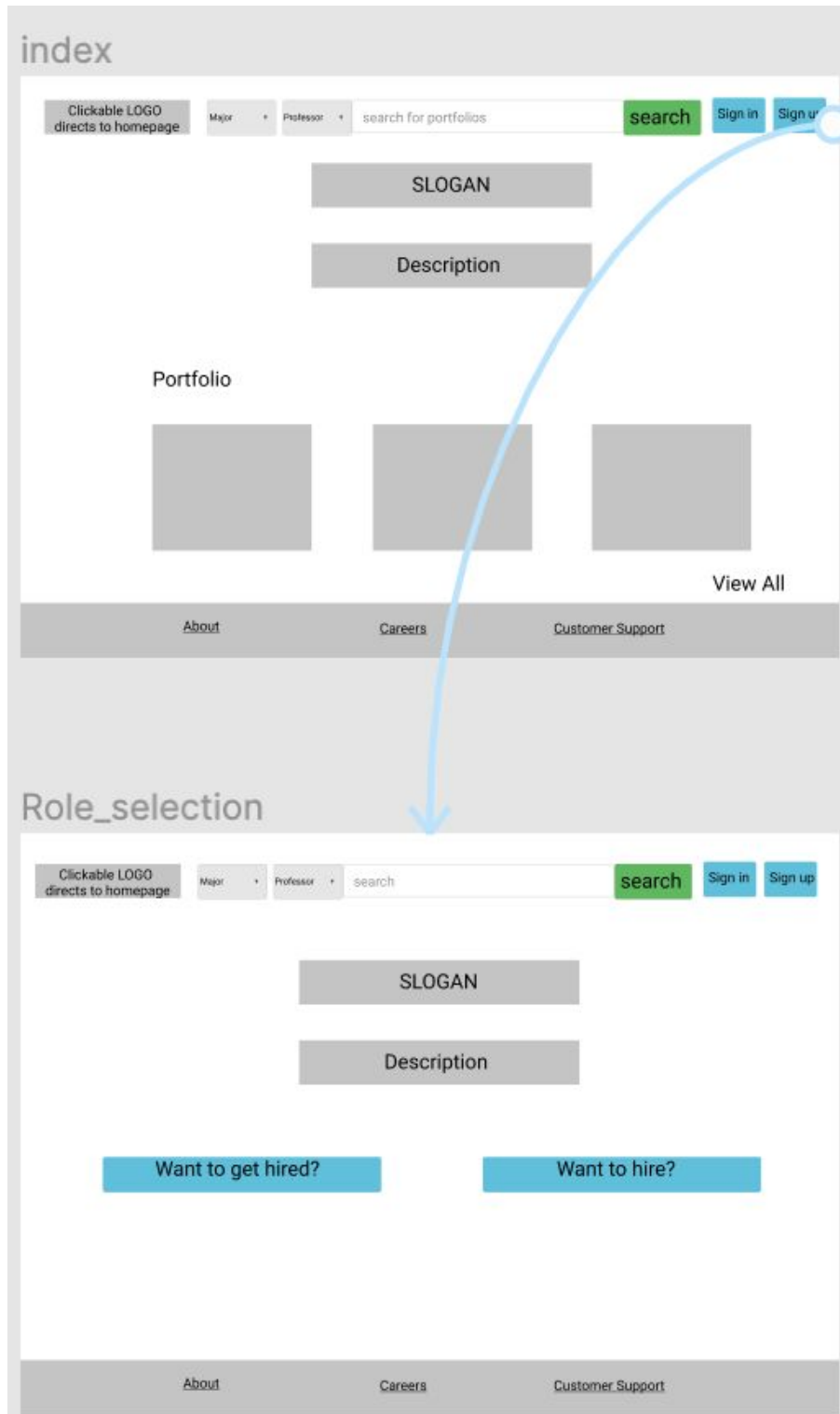
SFSU-Folio helps SFSU students to find jobs or employers to find the best person to get a job done. Individuals can find programmers, tutors, artists, etc. This website helps people to find the best fit easily with the help of the best usability and clarity in the portfolios. SFSU-Folio primarily designs for a desktop websites however it will be complete assessable from the mobile. Our goal is to provide a seamless user experience whether he or she is on desktop or mobile.

SFSU-Folio is designed to compete with industry leaders such as LinkedIn and Fiverr, however, SFSU-Folio will provide more personal experience catering toward SFSU students. We have provided a lazy signup process so users can browse before he or she does not have through a tedious signup process. SFSU students can sign up using their SFSU id, it will also be used as verification that they are indeed SFSU students. Students not only can upload their resume and cover letter but they will also be able to upload which courses they have taken or currently taking at SFSU which can showcase their talent and help recruiters to find the right candidate. If a student is struggling with any course he or she can find a tutor from SFSU who will be familiar with the course unlike other websites such as Fiverr where tutors are not local students.

The tool we have used for high fidelity design is Figma and the storyboards were made with the help of bootstrap UI library Figma. The UI design patterns were chosen while having a website webpage in mind. The high fidelity design patterns or storyboards were made to have a better understanding for the actual webpages. The buttons and well-developed search bars were used in the storyboards which gives an idea of how the webpage will look like.

Storyboards with narrative:**High-Level Use Case# 1:**

Title	UI designer looking for work
Actor	Mike
Description	Mike is an art student and he wants to find a job or freelance work. Someone told him about SFSUFolio and he was interested to sign up for free of cost. He went to the website and created his portfolio by clicking on sign up. Mike mentioned the courses he took at SFSU and his GPA from SFSU. He managed to create a well-developed portfolio because SFSUFolio provided him a form. After that, Mike was contacted by a person because he had his email address in the portfolio.



The user directs to the page where she needs to choose her role when she clicks on the sign-up button to register her account.

The diagram illustrates a user flow between two web pages. The top page, titled "Role_selection", features a header with a "Clickable LOGO" (directing to the homepage), a "Major" dropdown menu, a "Professor" dropdown menu, a search bar, a green "search" button, and "Sign in" and "Sign up" buttons. Below the header are sections for "SLOGAN" and "Description". Two blue buttons, "Want to get hired?" and "Want to hire?", are positioned side-by-side. A blue arrow originates from the "Want to get hired?" button and points down to the "Sign Up" page. The bottom page, titled "Sign Up", includes a "Clickable LOGO" (directing to the homepage), three input fields for "SFSU Email" (containing "email@mail.sfsu.edu"), "Password" (containing "password"), and "Confirm Password" (containing "re-enter password"), and a blue "Sign up" button. Both pages share a common footer with links for "About", "Careers", and "Customer Support".

After a user chooses her role as a student or a person who wants to get hired, she gets directed to the page to enter her email address and set up a password.

Sign Up

Clickable LOGO
directs to homepage

SFSU Email

Password

Confirm Password

Sign up

About Careers Customer Support

Sign Up Information

Clickable LOGO
directs to homepage

Upload Picture
(optional) ☐ Agree with terms and conditions

resume/CV

Cover Letter

SFSU Courses

Skills

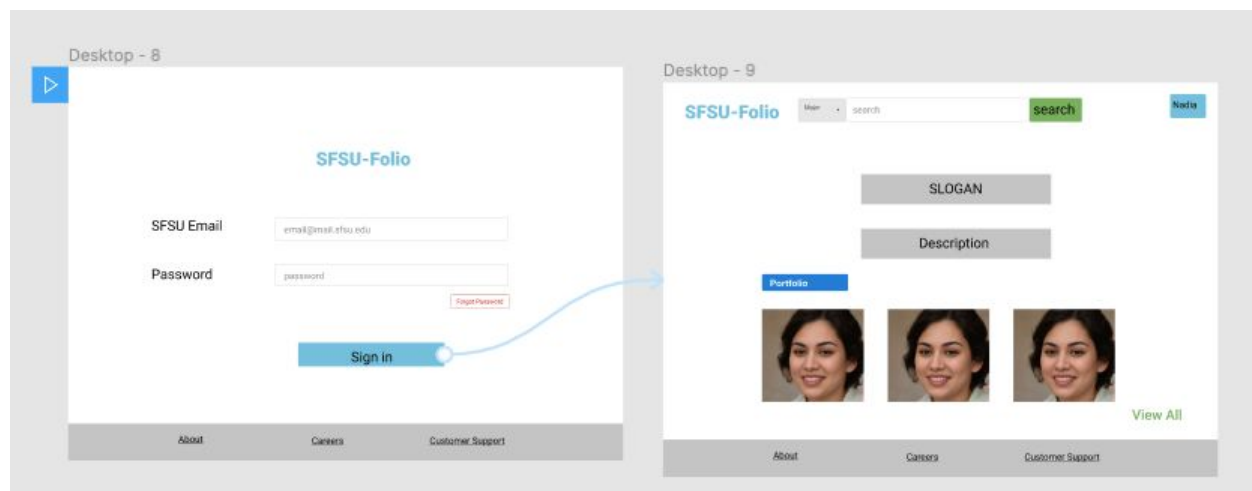
Submit

About Careers Customer Support

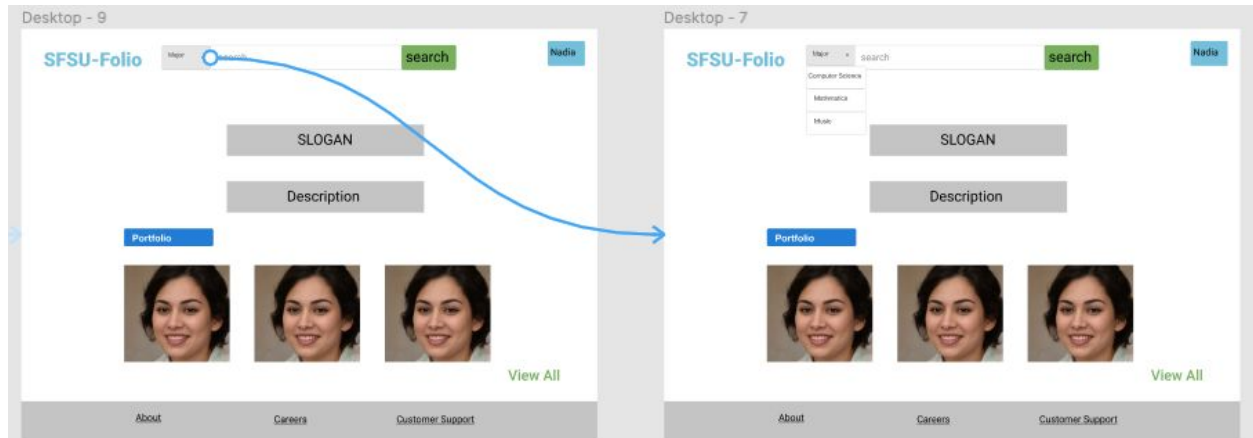
After the user enters the desired login information, she clicked on sign up button and gets directed to the page where she needs to upload and enter information for portfolio. On the portfolio page user is required to upload a CV, cover letter, enter information about SFSU courses and skills.

High-Level Use Case# 2:

Title	Struggling with Maths
Actor	Nadia
Description	Nadia is a student at SFSU and she is struggling with Math homework. She is a registered user. She went to SFSUFolio and searched for desired portfolios. She found a portfolio of CS graduated students who knew mathematics and then she clicked on the picture to get access to the portfolio. She found the email address in the portfolio and contacted that person for tutoring/ help. They communicated through email and made an agreement for tutoring sessions. Nadia was happy after getting the tutoring and she went back to the portfolio to give a 5-star rating and best review.



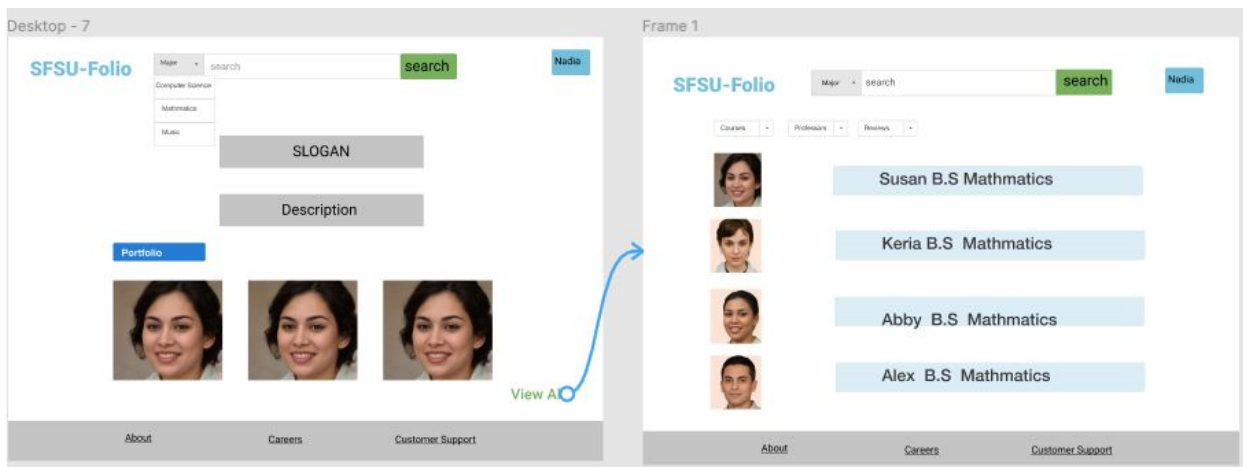
Registered users log in with the SFSU email and password.



After login, the registered user can search by majors that have a drop-down button that will show users that all the majors in SFSU.



After searching for the Mathematics major, users can see all students who majored in Mathematics. Users also can filter the students by the courses they took, professors they had, and the reviews they have. When a user clicks a student's picture or short description, it will navigate to the portfolio page of that student.



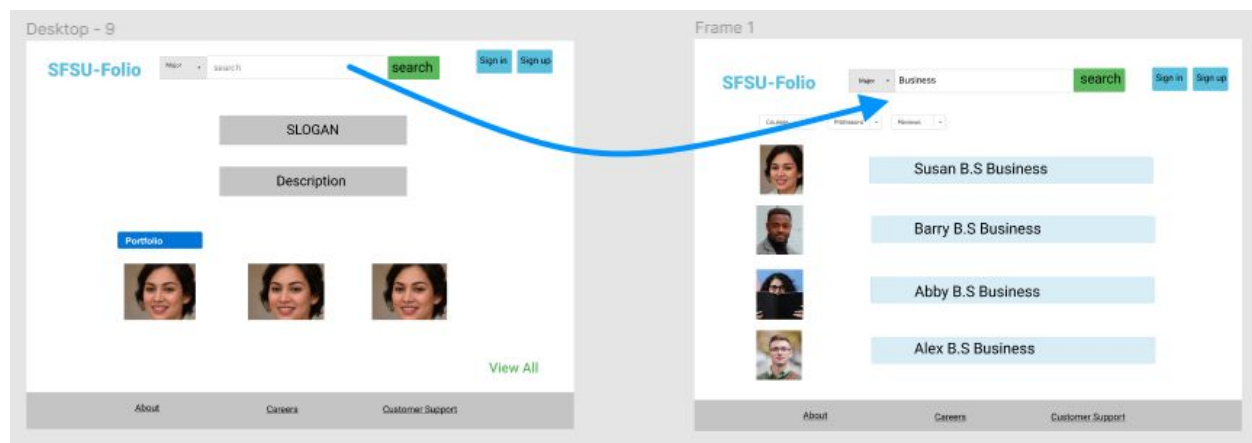
The dashboard shows a couple of portfolios. After clicking view all, users can see all of the students' portfolios from SFSU Folio.



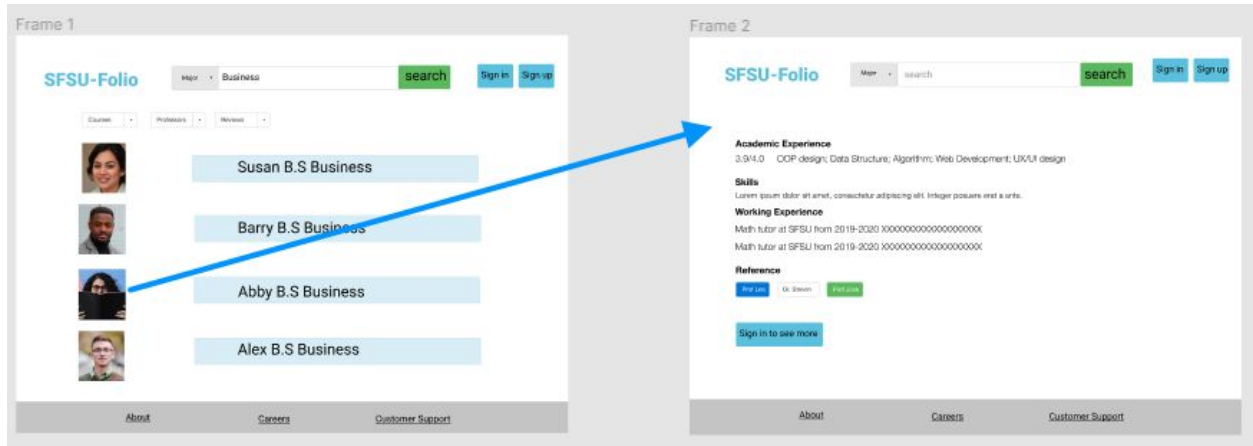
The registered user can give a review to the student that she worked with.

High-Level Use Case# 3:

Title	Looking for UI designer - (Un-registered User)
Actor	Aroon
Description	Aroon is a job recruiter and he is looking for a Business Major. He went to SFSUFolio and searched for Business by using a search bar. He found some portfolios of SFSU students. He clicked on the desired portfolio and decided to hire a UI designer from SFSUFolio. He could not see the cover letter since he was an unregistered user. He saw a button to sign in instead of a cover letter. Aroon was not able to give a review as well since he was an unregistered user.



An unregistered user uses the search bar to find someone with a specific major and they are presented with different results from their search.



The unregistered user selects a person's profile and is taken to their page. They can see some information about them, but not the entirety of their portfolio. In place of the extra information is a signup button.

Any other related info important for review:

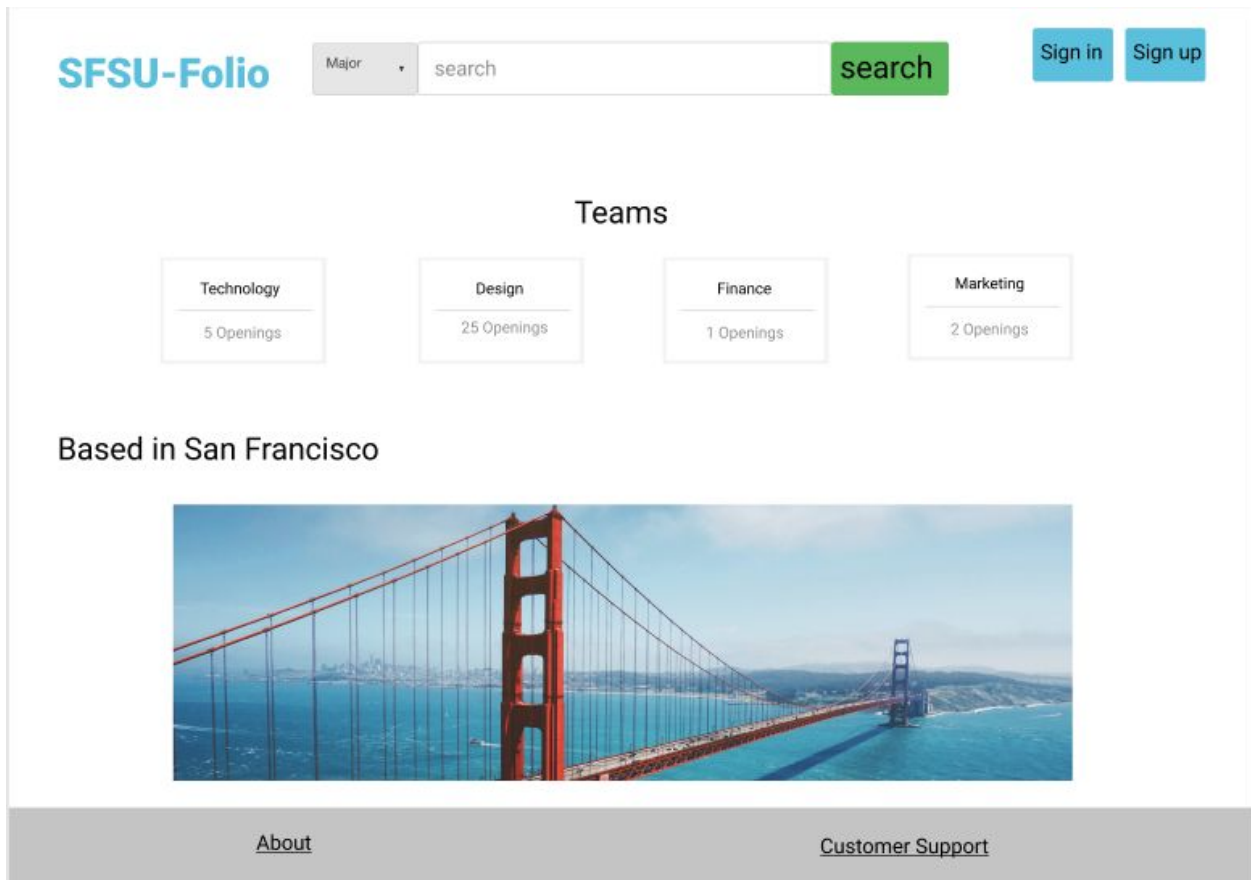
Navigate to about page:

About the page is for the people who want to explore more about the website and get specific information.



Career Page:

Career Page is for people who want to join the SFSUFolio team as a developer, designer, etc.



Customer Support:

This page is for such individuals who run into random problems and they want to get technical help with anything on the website “SFSUFolio”.



2.3 (Phase Two)

Focus Group Summary feedback and action plans

a) Goals and objectives of the focus group:

The goal of this demonstration is to give a thorough look and explanation of our website to Prof. Petkovic. The objective of our website is to help graduates of SFSU. Professor will give feedback and suggestions on the web design and user experience of our website. Then, we will make corresponding changes to our website taking into account the suggestions given. Finally, with the efforts of each team member, we will improve our website to one with better web design and user experience.

b) Focus group structure:

The parts of the project that was shown to the participant included the home page, the sign up page, the profiles page, and the search results page. The participant was shown two different use cases that covered these pages. The first was the sign up process for a new user and the other use case was if a non-logged in user was searching the site. The feedback that the participant submitted was collected orally as they expressed what they liked and disliked about the flow of the website. Any note that they had was written down for each page that they were on.

c) team summary of the feedback :

The mockups and storyboards made with the help of figma and the collaboration of all team members were shown to the Prof. Petkovic. Professor gave his feedback to improve user interface and UI design. The feedback is following:

1. On the index page, replace "Portfolio" with "Recent Portfolios".

2. Add text on sign up page for an explanation.
3. Add "Update Portfolio" button.
4. Add "professor names" and "fav courses" on sign up information.
5. Add checkbox for fulltime, part-time or internship
6. Remove the concept of reviews from the project/ website.

d) actual plans on what is to be changed based on the feedback:

The actual plan was to build a website having linkedin and fiverr in the mind. Initial plan was to have SFSUFolio for everyone. Everyone was able to create an account on SFSUFolio as a person who wants to get hired and upload the portfolio. In that way our product was not different as compared to the competitors. LinkedIn and Fiverr offer everyone to upload their portfolio and start looking for jobs. We decided to help the students of SFSU since SFSUFolio is created by SFSU students and there is "SFSU" in the domain. The website SFSUFolio.tk is now only for SFSU students who are looking for jobs. All user who are uploading their portfolios are required to enter favorite professor's name or main courses they took in their degree program. For convenience, there will be a text on sign up page to explain what they are going to do on the sign up page. There will be a check box on sign up information page if a user is looking for full-time or part-time internships.

2.4

Usability evaluation/testing

Plan for evaluation of effectiveness: Describe how exactly would you measure effectiveness e.g: describe experiment setup, actual test plan/tasks you would administer to testers, how would you collect results and format you would use to present results

The website SFSU-Folio provides a platform to newly graduated students to create their portfolios and get the opportunity to get hired. It is convenient for all SFSU students to create a portfolio with a well developed design. SFSU-Folio provides a well developed sequence of steps to sign up. Effectiveness was tested by giving task to people to sign-up on the website and 80% of the people were able to sign-up and follow the steps without any problem. After that, another task was given to the people to use the filter and search for the portfolios. Around 95% of the people were able to find the portfolio and use the search bar.

Plan of evaluation of efficiency:

To determine the efficiency of the website, the experiment will test how long it takes for a student (Mike) to create a profile page. This test will have a Mike start on the homepage and see how long it takes for them to complete the signup process. The results will be the total time it took for the user to complete the task, how many screens they had to go through, and how many clicks it took them.

The website is very clear to all such as adults, teenagers, women and men to navigate. It takes Mike 2 clicks(click on 'sign up' and 'submit') to create his own portfolio page.

The website has been well designed which has easily readable text so that Mike is able to find what he needs.

The website takes Mike 2 seconds to load the login page and 5 seconds to upload his profile picture.

Most of the important information is clear, such as the signup button and creating portfolio button. It only takes Mike (2 or 3) screens to finish the task.

Plan for subjective feedback:

Task	Strongly Disagree	Disagree	Neither agree nor disagree	Agree	Strongly Agree
It was easy sign up	○	○	○	●	○
Creating portfolios was simple and fast.	○	○	○	●	○
It was easy to use the filters on the search page.	○	○	○	○	●
I did not encounter any bugs while searching the portfolios.	○	○	○	○	●
I will like to recommend this website to a friend for his job application	○	○	○	●	○

For the effectiveness, we will be focusing more on user interface and the flow of creating portfolios. A SFSU student or a user can lose interest if the flow is not correct and it is not clear what to do next.

For efficiency, we will be working on reducing the time to create an account and portfolio. We will make it optional to upload the picture because if a user is in rush then a user can skip to upload a photo and get done with creating the portfolio.

For satisfaction, we will be fixing the flow of the entire website by focusing on effectiveness and efficiency. The user interface and usability is not better than competitors such as linkedin because we have to create the experience more fast and easy for the user to create a portfolio.

2.5

Final implementation and QA testing

Executive Summary:

A startup team composed of San Francisco State University students has come together to create a portfolio sharing community that will be exclusively for SFSU students called “SFSUFolio”. SFSUFolio is a fun interactive website that allows users from all majors to showcase their portfolios and showcase their work experience that is/has been used in courses at San Francisco State University. This will help hiring managers to see SFSU student’s portfolios when it comes to hiring new talent for their company. Also, users can connect with each other who may share similar courses or interest making this commuter school feel more at home. SFSUFolio creates an environment where it welcomes not only hiring managers for big companies to navigate through our website to easily locate students they are searching for. Similar to our competitors, we will be implementing a search feature where users can browse through items that will filter to what they are seeking for. This will allow hiring managers to be able to search for SFSU students with specific degrees or from specific departments. This can also be extended to different courses taken if the student has added that information to their page.

Being San Francisco State students, we understand the obstacles that we face during the academic semester such as balancing school, work, and our personal lives. Having an exclusive website for SFSU students where they can showcase their work brings convenience to both them and hiring managers. We, the Lazorcat team, believe safety is important which is why we require all users who wish to communicate with other users to register through their SFSU email. SFSUFolio is composed of five computer sciences students. Individually we are highly motivated students who have come together to expand our experience developing a user interface website that will help the community we are a part of. While we have seen and used sites similar to ours, such as Fiverr and LinkedIn we have identified the strengths of those sites and how we can improve it for other students just like us.

Platforms and tools used in the project:

Discord: We have used discord to communicate with each other and made plans.

Zoom: We have used zoom meetings to generate positive energy and work together as a team at the same time. We have used screen sharing technique to explain things better.

Figma: We have used figma to create mockups and storyboards.

Github: We have used Github to share code.

Github-Pages: We have used Github-Pages to deploy our website.

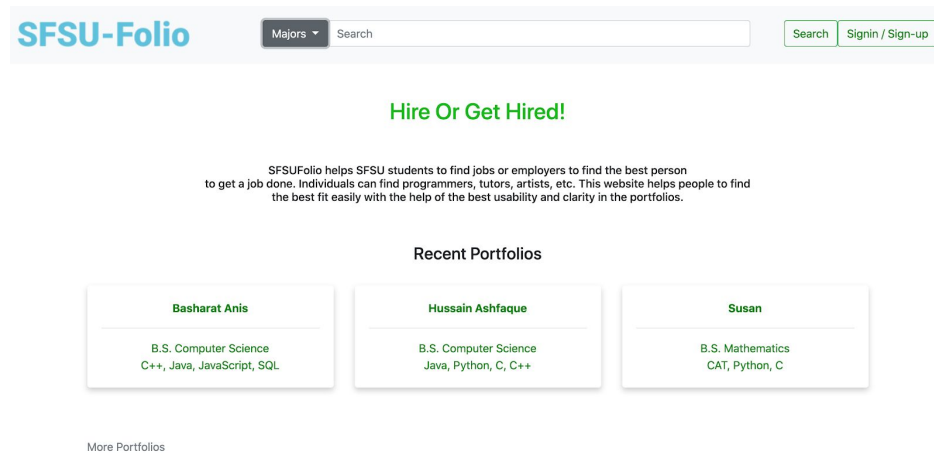
Freenom: We have used [Freenom](#) to get a free domain and linked it with Github DNS.

Screenshots of Use Cases

High-Level Use Case# 1:

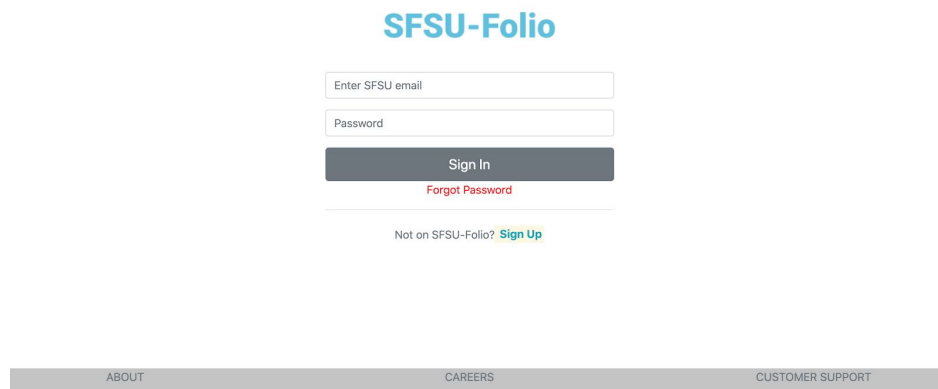
Title	UI designer looking for work
Actor	Basharat
Description	Basharat is an art student and he wants to find a job or freelance work. Someone told him about SFSUFolio and he was interested to sign up for free of cost. He went to the website and created his portfolio by clicking on sign up. Basharat mentioned the courses he took at SFSU and his GPA from SFSU. He managed to create a well-developed portfolio because SFSUFolio provided him a form. After that, Basharat was contacted by a person because he had his email address in the portfolio.

Home Screen



The screenshot shows the SFSU-Folio Home Screen. At the top, there is a navigation bar with the SFSU-Folio logo on the left, a 'Majors' dropdown menu and a search input field in the center, and 'Search' and 'Signin / Sign-up' buttons on the right. Below the navigation bar, a green heading 'Hire Or Get Hired!' is centered. Underneath, a paragraph explains the platform's purpose: 'SFSUFolio helps SFSU students to find jobs or employers to find the best person to get a job done. Individuals can find programmers, tutors, artists, etc. This website helps people to find the best fit easily with the help of the best usability and clarity in the portfolios.' Below this, a section titled 'Recent Portfolios' displays three portfolio cards. The first card for 'Basharat Anis' lists 'B.S. Computer Science' and 'C++, Java, JavaScript, SQL'. The second card for 'Hussain Ashfaque' lists 'B.S. Computer Science' and 'Java, Python, C, C++'. The third card for 'Susan' lists 'B.S. Mathematics' and 'CAT, Python, C'. A 'More Portfolios' link is located below the third card.

The user goes to sign up page to create an account.



The screenshot shows the SFSU-Folio Sign Up Page. The SFSU-Folio logo is at the top. Below it, there are two input fields: 'Enter SFSU email' and 'Password'. A dark grey 'Sign In' button is positioned below the password field, with a red 'Forgot Password' link underneath it. At the bottom of the form area, there is a link that says 'Not on SFSU-Folio? Sign Up'. The footer of the page contains three links: 'ABOUT', 'CAREERS', and 'CUSTOMER SUPPORT'.

SignUp Page

The user goes to sign up page and enter all the information.

SFSU-Folio

Enter SFSU email
Password
Confirm Password
Sign Up

Already on SFSU-Folio? [Sign In](#)

[ABOUT](#)

[CAREERS](#)

[CUSTOMER SUPPORT](#)

SFSU-Folio

Upload Picture
(Optional)

Upload

Resume

Upload

Cover Letter

Upload

SFSU Courses

e.g. ACCT 301

SFSU Professors

e.g. Prof. Petkovic

Skills

e.g. Html

Looking For:

SFSU Courses

e.g. ACCT 301

SFSU Professors

e.g. Prof. Petkovic

Skills

e.g. Html

Looking For:

☐ Full-Time Work
 ☐ Part-Time Work
 ☐ Full-Time Internship
 ☐ Part-Time Internship
 ☐ [Accept Terms & Conditions](#)

Submit

After submitting all the information a user successfully creates a well developed portfolio.

After that, Basharat gets a phone call from an employer because he had well developed portfolio.

SFSU-Folio

Majors ▾ Search

Search Signin / Sign-up

Email: banis@mail.sfsu.edu

Github: <https://github.com/basharatanis>

Academic Experience

3.5/4.0 Software Engineering; Data Structure

Skills:

Languages: Java | Javascript | Html | CSS

Working Experience

Math Tutor at SFSU 2018-2020

Reference

Prof Petkovic

Dr. Jose Ortiz

Looking For:

Full-Time Work, Part-Time Work, Full-Time internship

Cover letter

Dear Hiring Manager: I am a senior student at SFSU and my major is Computer Science. My interest is in developing cellphone applications. I have learned Javascript, React, and Swift. I have created apps in each language respectively and I am proud of my work. You can access my github and check my work over there.

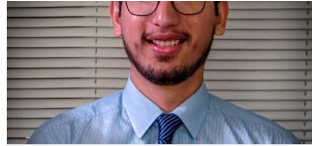
UPDATE PORTFOLIO

High-Level Use Case# 2:

Title	Struggling with Maths
Actor	Nadia
Description	Nadia is a student at SFSU and she is struggling with Math homework. She is a registered user. She went to SFSUFolio and searched for desired portfolios. She found a portfolio of Mathematics graduated student and then she clicked on the portfolio to get access to the portfolio. She found the email address in the portfolio and contacted that person for tutoring/ help. They communicated through email and made an agreement for tutoring sessions. Nadia was happy after getting the tutoring and she went back to the portfolio to give a 5-star rating and best review.

Nadia searches for Mathematics on SFSUFOLIO.tk

The screenshot shows the SFSU-Folio website. At the top, there is a header with the SFSU-Folio logo on the left. In the center, there is a search bar with a dropdown menu labeled 'Majors' and the text 'Mathematics' entered. To the right of the search bar are two buttons: 'Search' and 'Signin / Sign-up'. Below the header, there is a green banner with the text 'Hire Or Get Hired!'. Underneath the banner, there is a paragraph of text: 'SFSUFolio helps SFSU students to find jobs or employers to find the best person to get a job done. Individuals can find programmers, tutors, artists, etc. This website helps people to find the best fit easily with the help of the best usability and clarity in the portfolios.' Below this text, there is a section titled 'Recent Portfolios'. This section contains three portfolio cards. The first card is for 'Basharat Anis', a B.S. Computer Science student with skills in C++, Java, JavaScript, and SQL. The second card is for 'Hussain Ashfaq', a B.S. Computer Science student with skills in Java, Python, C, and C++. The third card is for 'Susan', a B.S. Mathematics student with skills in CAT, Python, and C.



Hussain Asmaque B.S. Computer Science



Susan B.s Mathematics



Spencer Booth Art

After searching for Mathematics on search bar, Nadia finds susan and she contacts her to get help.

Email: bsusan@mail.sfsu.edu

Academic Experience
3.9/4.0 OOP design; Data Structure

Skills: CAT | Python | C |

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Working Experience
Math Tutor at SFSU from 2019-2020
Math Tutor at Mission from 2018-2029

Reference

Prof Steve

Dr. Steven

Dr. Jose

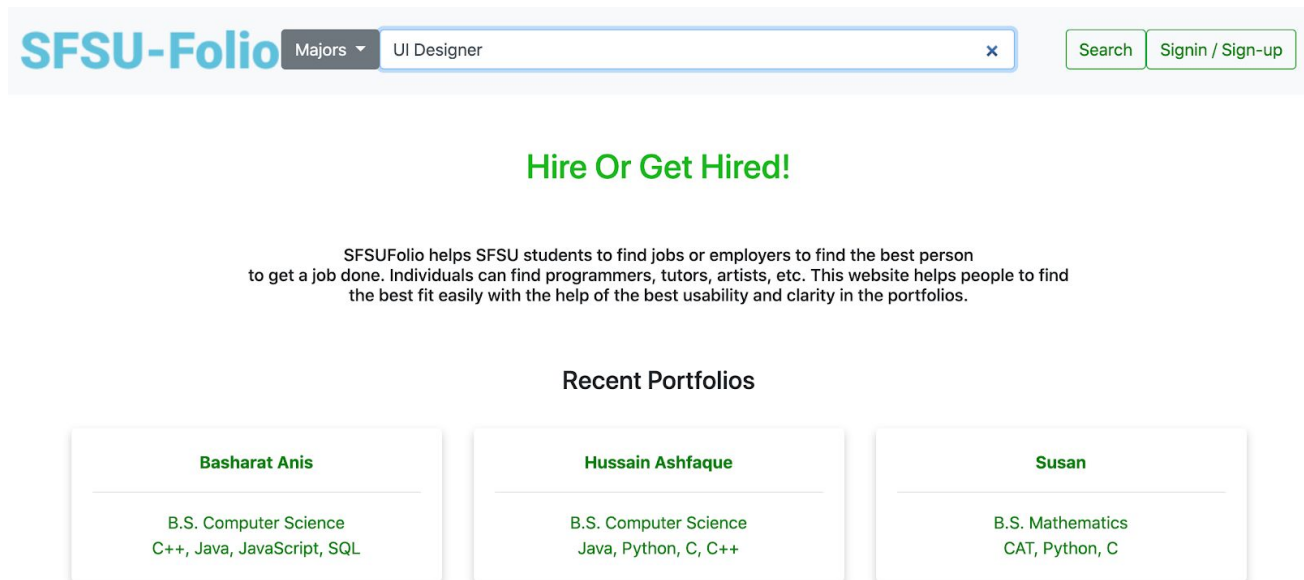
Cover letter

Dear Hiring Manager: I am a Junior at San Francisco State University and am excited at the prospect of working for your department. I am very comfortable speaking in front of large groups of people and my strong leadership skills would make me a valuable asset for your team. I have a good academic background and a good track record of bringing value to each business I work for, as well as possessing excellent customer-facing skills and an agile technical mind that can come up with innovative solutions to seemingly intractable problems. I am pursuing my Bachelor of Computer Science degree at San Francisco State University (expected graduation in May 2019). I possess IT and business skills, including expertise in a variety of packages. I am very much a team player and thrive in a fast-paced environment. I believe in excellence and have always dedicated myself, my talents and my creative abilities to assure the successful accomplishment of assigned duties. I feel confident that my skills and experience will make me a truly positive addition to your team. My resume is attached. I hope we can schedule an interview, so I can share my enthusiasm for this position with you in person..

High-Level Use Case# 3:

Title	Looking for UI designer - (Un-registered User)
Actor	Aroon
Description	Aroon is a job recruiter and he is looking for a Business Major. He went to SFSUFolio and searched for UI designer by using a search bar. He found some portfolios of SFSU students. He clicked on the desired portfolio and decided to hire a UI designer from SFSUFolio. He could not see the cover letter since he was an unregistered user.

Aroon search for UI Designer on search bar



SFSU-Folio Majors UI Designer x Search Signin / Sign-up

Hire Or Get Hired!

SFSUFolio helps SFSU students to find jobs or employers to find the best person to get a job done. Individuals can find programmers, tutors, artists, etc. This website helps people to find the best fit easily with the help of the best usability and clarity in the portfolios.

Recent Portfolios

Basharat Anis

B.S. Computer Science
C++, Java, JavaScript, SQL

Hussain Ashfaque

B.S. Computer Science
Java, Python, C, C++

Susan

B.S. Mathematics
CAT, Python, C



Dasharat Anis B.S. Computer Science



Hussain Ashfaque B.S. Computer Science



Susan B.s Mathematics

Aroon found a portfolio of a UI designer but he was not able to see the cover letter because he was an unregistered user.

SFSU-Folio

Email: hashfaque@mail.sfsu.edu

Academic Experience

3.9/4.0 OOP design; Data Structure

Skills: Languages: Java | Python | C | C++

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Working Experience

IT intern at RingCentral from 2019-2020

IT intern at SFSU from 2018-2029

Reference

Prof Lee

Dr. Steven

Dr. Jose

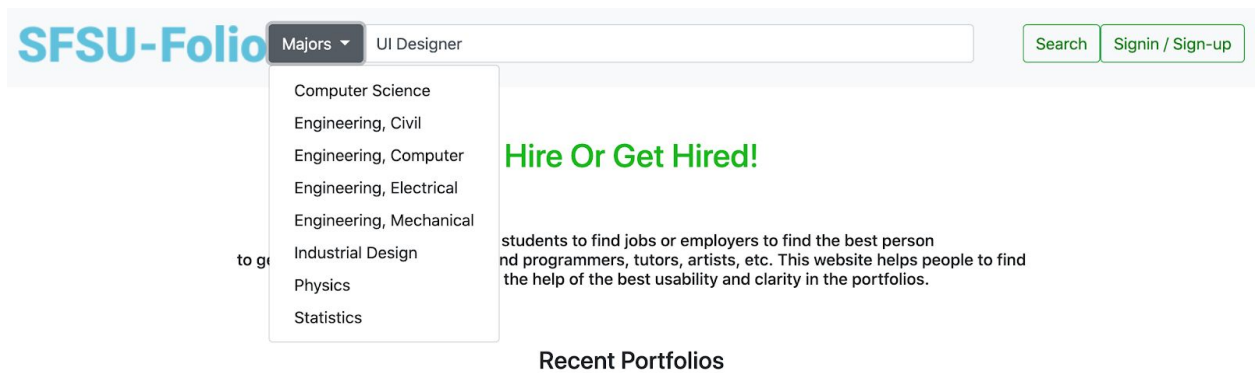
Looking For:

Full-Time Work, Full-time internship

URL: www.sfsufolio.tk

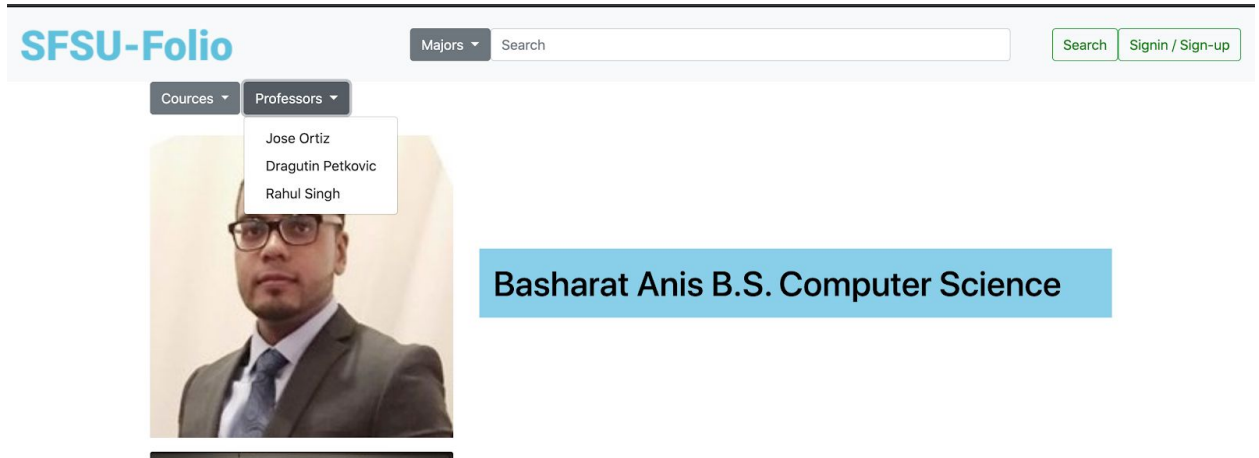
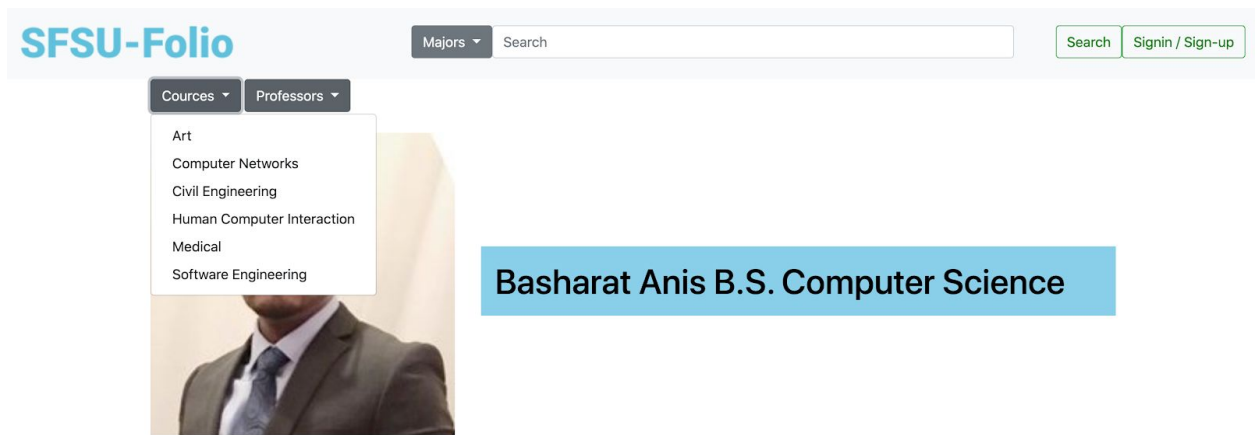
Testings

A user can see majors on the search bar. Those majors can help a user to narrow search.



Search Page

There are two filters on search page. Those two filters can help further to reduce search.



Login/SignUp Page

It gives an error if the email address is incorrect.

SFSU-Folio



Please include an '@' in the email address. 'werwer' is missing an '@'.

Sign In

[Forgot Password](#)

Not on SFSU-Folio? [Sign Up](#)

Sign- Up Info Page

It gives an error message if a user tries to sign-up without submitting or entering the required information.

Resume

Upload

Please
add a
resume
file

Cover Letter

Upload

Please
add a
cover
letter

SFSU Courses

e.g. ACCT 301

Please enter some courses you took

SFSU Professors

e.g. Prof. Petkovic

Please enter name of Professors as reference

Skills

e.g. Html

Please enter some attributes

Sign- Up Info Page

It is required to accept terms and conditions to sign-up.

Looking For:

- ☐ Full-Time Work
- ☐ Part-Time Work
- ☐ Full-Time Internship
- ☐ Part-Time Internship
- ☐ Accept Terms & Conditions

Please accept the terms and conditions

Submit

Team Member Contributions

Basharat Anis (Team Lead):

I have provided the idea of SFSUFolio. After that, I have created a team group chat on discord to communicate properly and efficiently. I have also created the github repository to deploy our website on github-pages. I have communicated with each team member to make sure that they are doing their work properly and they do not have any confusions. I have created and shared google docs file with all team members to create the documentations from 2.1 - 2.5 and contributed in it. All documentations were created with the help of equal effort from all team members. After that, I made sure all team members have an equal amount of work. I made a readme file on github and asked all team members to pick a webpage and write their name with it. Equal amount of webpages were assigned to all team members including me with the help of that approach. I have created the Index Page, and Portfolio page with the help of Hussain Ashfaq. I have finalized the navbar created by Momo Sun and Aaron in my team. I have asked all of the team members to push their web pages on github. At the end, I have linked all of the webpages and made sure that there is a good flow in the website.

Hussain Ashfaq:

I have contributed to all documentations which were created by the team lead. In the 2.1, I have created Personae. In the 2.2, I have created Mockups and Storyboards and list of major function prioritized. In the 2.3, I have created High fidelity UI design prototype of search page and I was working with Aaron. In the 2.4, I have worked on Plan for subjective feedback and I have created Lickert scale evaluation questionnaire with graded answers scale. In the 2.5, I have shared screen shots and wrote my own contributions. In the coding area, I have worked on the Search Page, Index Page and Navbar with Basharat Anis.

Aaron Colmenares:

I have contributed to all documentations which were created by the team lead. In the 2.1, I have written an executive summary with the team lead and List of Major Functions Envisioned. In the 2.2, I have created Mockups and Storyboards and list of major function prioritized. In the 2.3, I have created High fidelity UI design prototype of Career Page and Customer Support Page. In 2.4, I have worked on Plan of evaluation of efficiency with Momo. In the 2.5, I have mentioned what I have done and posted the pictures of the pages I have created. I have built Career Page, SignUp information Page.

Momo Sun:

I have contributed to all documentations which were created by the team lead. In the 2.1, I have created use cases with the team lead and competitive landscape. In the 2.2, I have created Mockups and Storyboards and list of major function prioritized. In the 2.3, I have created High fidelity UI design prototype of Signin Page, Sign-Up Page, About Page. In 2.4, I have worked on Plan of evaluation of efficiency with Aaron. In the 2.5, I have shared screenshots and created a list of my contributions. I have used Html and CSS to create Login Page, Sign Up Page and Customer Support Page.

Xuanjun Chen:

I have contributed to all documentations which were created by the team lead. In 2.1, I have written Tools and Frameworks. In the 2.2, I have created Mockups and Storyboards and

lists of major functions prioritized. In the 2.3, I have created a High fidelity UI design prototype for Career Page and I have been working with Momo. In 2.4, I have worked on a Plan of evaluation of effectiveness with Basharat Anis. In the 2.5, I have posted my web pages and I have mentioned what I have worked on. I have worked with the team lead to create the portfolio.

Thank You!