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Onespace

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Chapter-1 Introduction

Motivation

Our main motivation for the project is to apply the learned HCI design principles and prototyping rules and practices by developing frontend design of a practically implementable application. For the application, we felt what could be better than a social media website which involves a lot of complex, abstract functionality and at the same time requires a simple and neat design to cater to the needs of people with different personalities, interests, and perspectives. Current social media platforms are no doubt good, but their use is segregated based on the nature of tasks. For instance- Linkedin is good for job postings, opportunities, connecting people with the motive for career development and growth, etc. while apps like Facebook and Instagram are good for sharing photos, videos, etc. stories, etc., and connecting with people. Each of these apps offers a platform to showcase only one of the boxes of users' personalities instead of every box. So, the idea was to develop a platform such that people can share various aspects of their personalities in one place along with showcasing their work profiles.

Overview Of Project

Project Details:

- **Name of the project:** OneSpace (Website)
- **Focus of project:** Social Media
- **Title:** “Curate everything in one space”
- **Tools:** Figma

Currently, a person might share his/her experiences on different social media platforms as per the appropriateness of different platforms. For instance, a student might share his/her internship or Job update on LinkedIn, food restaurant visit, or traveling experience on Instagram, and share his/her views about current events on Twitter. Our platform will allow users to curate all the experiences in one place.

Normally, when a person wishes to see the profile of another person, he/she would have to visit different social media platforms where the person is active. Our product will cut short his/her efforts by providing a platform where people maintain their best posts and highlights from other platforms.

We are planning to make a website with the following features:

- A social media website where users can share about their work, life, current activities, achievements, etc. In short, anything they like to share.
- Users can create a collection of his/her experiences and display them on their profile on our website. For instance, travel experiences, career updates, blog posts, achievements, etc. This would keep their highlights and posts very organized.
- A support where users can share posts and activities from other platforms.

- Users will also be able to create a timeline of their life describing the major life events of their life.
- Users will be able to assign keywords describing aspects of their life. For instance - Software Engineer, Traveller, Blogger, Speaker, Web Developer, etc. Other users with similar interests or similar life aspects can search for other people and reach out to them. This would help other users with similar interests to connect with each other.
- The platform will also allow users to connect with other users through the 'following' feature which allows them to follow other people and remain updated about their life events. They can also view their posts and highlights in a feed section.

We plan to create personas for studying the possible use cases for our application and what other functionalities we should add to improvise it for a better user experience. Personas would also help us to highlight and analyze different scenarios. We will apply the different concepts of interaction design, etc. learned in the course after this and create a design with appropriate features in Figma.

Market Survey

1. **LinkedIn** (<https://www.linkedin.com/>)

The screenshot shows the LinkedIn homepage with the company profile for 'LinkedIn'. The profile includes a banner with the text 'We're in it together.', a logo, and a photo of two people. It displays 21,179,118 followers and 23,884 employees. Below the profile, there are tabs for Overview, Jobs, Life, and Recent Alumni, with 'Overview' being the active tab. To the right, there's a section for 'Affiliated pages' listing Microsoft, LinkedIn Guide to Networking, LinkedIn News, and LinkedIn Marketing Solutions. There's also a 'Similar pages' section with Google and Amazon.

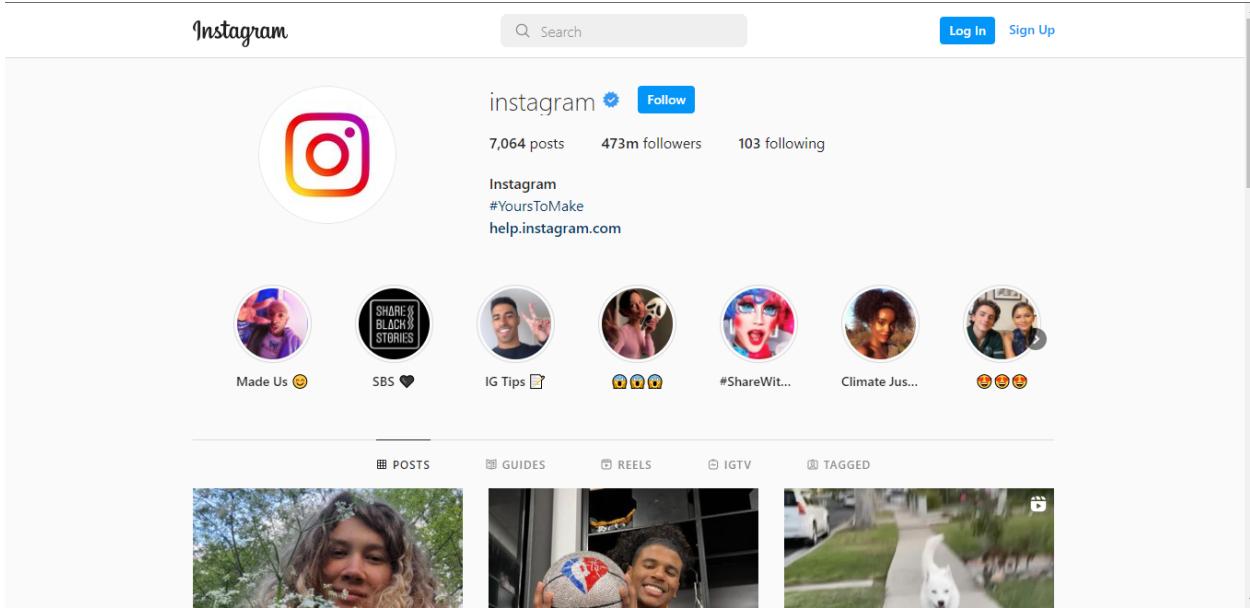
- LinkedIn is one of the world's largest professional networks on the Internet.
- The platform is mainly used for professional networking. It enables job or internship seekers to connect to employers and share their resumes, experiences, achievements, etc. through the platform.
- It provides various features to users such as profile feature, Connections list, Jobs section, messages section, etc. Brief information about each feature is given below
 - Profile: Allow user to showcase his/her skills, resume, education, achievement, photo, etc.
 - Connections list: A list of professionals that a person is connected with is displayed in this section.
 - Jobs section: list of jobs posted by recruiters or employers.
 - Message section: This allows a person to send a message to another professional.

2. Twitter (<https://twitter.com/>)



- Twitter is another kind of social media and networking platform where people can interact with each other and post “tweets” on any topic they like.
- It differs from other social media platforms in the fact that it focuses more on textual tweets and polls rather than media content.
- Other features include retweeting tweets and replying at multiple levels in the comments section.
- One of its newest features - “Twitter Spaces” - is being used by many people. It allows users to hold live audio events with multiple speakers where they can share with the public their content on a particular topic.
- The product is also popularly used for news and real-time updates.

3. Instagram (<https://www.instagram.com/>)



- Instagram is a social media platform where people can share photos, videos, and insights and can also interact with people/followers in real-time by going live.
- Users can like, share and comment on people's posts.
- It supports the stories feature where users can post creative, customizable images, posts, videos, etc. Stories disappear after 24 hours.
- Users can also post and watch reels on Instagram for entertainment purposes.
- Apart from being a networking app, Instagram allows its users to set up businesses on its app and sell their products.

Chapter-2 Details of Tool

Brief Description of facilities available in Figma

1. Accessibility & Collaboration:

Whatever tools a team employs, there must be a way for them to collaborate, present projects, gather feedback, and keep stakeholders informed. Figma comes with all of these features.

1.1 Get the Team on Board

New users should sign up for a free Figma account, form a team, and can take a demo on how to get started with Figma. And then users can invite team members and relevant stakeholders to join once the team has been formed.

Name your team

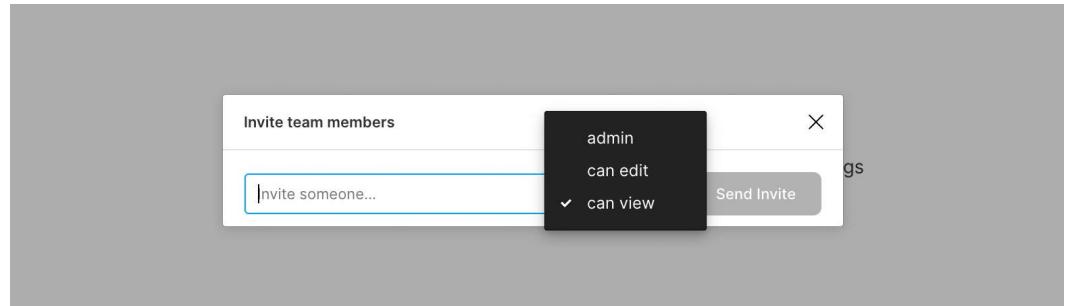
Team name

After creating a team, you can invite others to join.

Create Team

There are three different levels of access. It's self-explanatory, but the design team usually has edit rights, while everyone else has view rights. This includes developers and other stakeholders who need

to be able to observe and provide feedback on the design process.



At the team level (shown above), project level, and file level, similar sharing options are available. Access levels are propagated from team to project and from project to file if they are not specified.

It makes no difference how someone is invited or what system they are using because Figma is available in the browser. They can jump right in with a link as long as their device and browser meet the minimum requirements, and the interface changes depending on whether they have edit or view rights.

1.2 Embedding a Project File

Third-party software can import Figma project files. A shared Dropbox Paper document, for example, could be used to present the current state of a project.

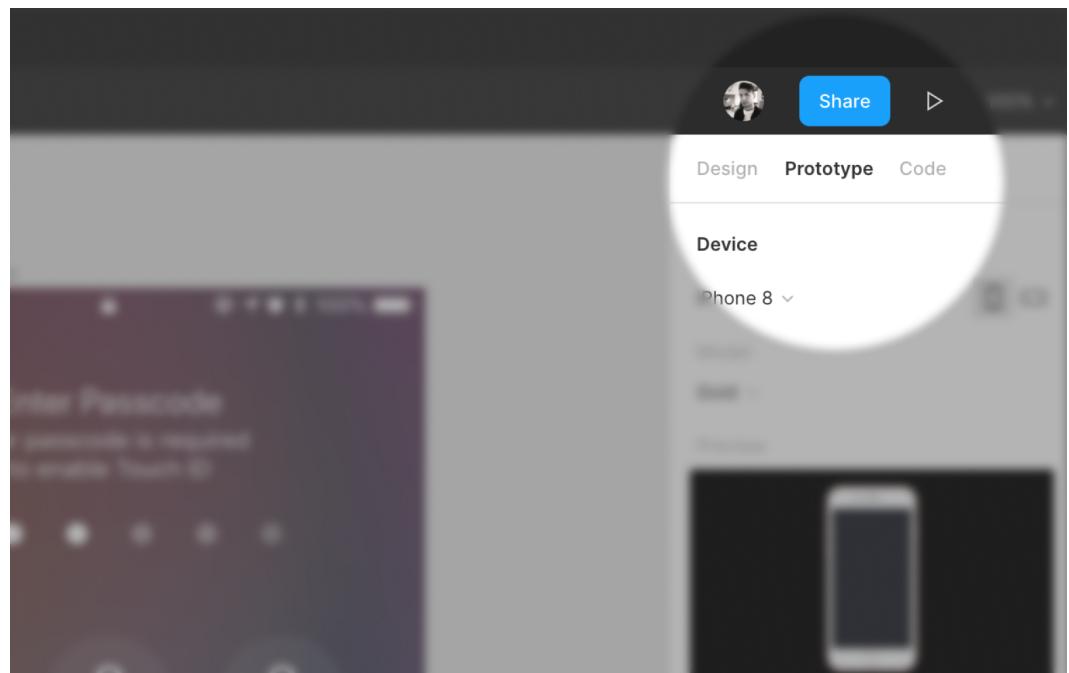
Set the file visibility to hidden to embed project files. Anyone who has access to the link can view the project file, copy the embed code, and embed it in any third-party software that supports embed.ly.

2. The Flexibility to Iterate and Produce Deliverables:

Figma can be used to iterate after team members have been invited and initial sketches have been completed. Figma was created primarily for interface design; once whiteboarding is complete, teams can move on to flow maps and wireframes. Again, creating component libraries that can be reused for these tasks is a good idea. The official templates collection can be used as a source of inspiration and design ideas.

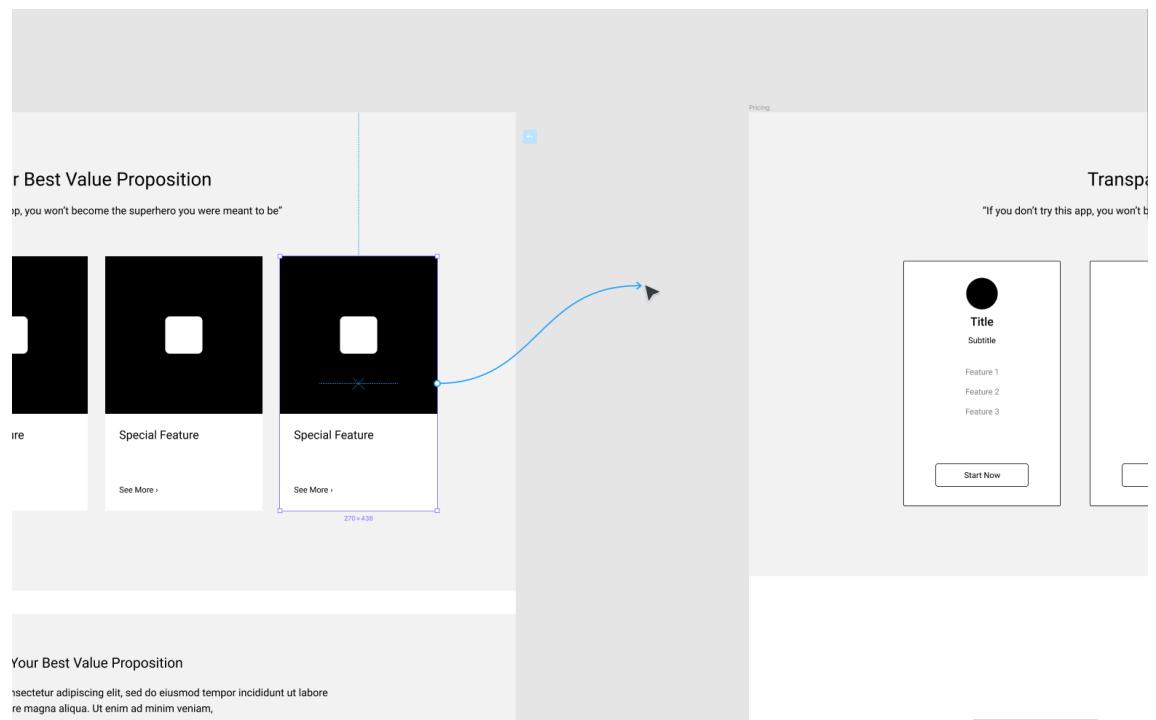
3. The Ability to Build Prototypes and Test:

Figma makes it simple to create interactive prototypes. It is possible to switch between design and prototyping mode when a Figma file is open with editing rights. From the



stage or the layers sidebar, you can click on an element to make it interactive once you're in prototype mode.

A small circle appears on the side of an element selected in Prototype mode. Blue lines appear when dragged, and they can be dropped on the screen or state to show the outcome of the interaction.



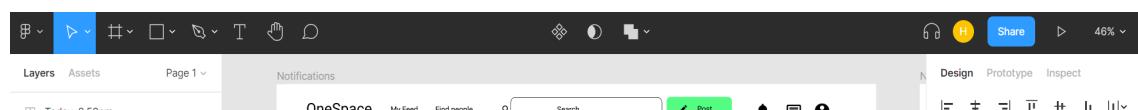
Figma includes common transitions, making it much easier to create high-fidelity prototypes. In fact, the Figma team just released the drag and animate trigger feature. The drag trigger interaction is a new type of interaction, while smart animate interpolates the motion of similar elements. Both improve the quality of interactive prototypes significantly.

User Testing: -

Even for user testing, a link is all that's required to distribute Figma prototypes. The prototype is launched when you click the small play icon in the top right corner, and a new URL is generated. The URL can be copied or the blue Share Prototype button can be used. When users click on the link, they are taken to an interactive prototype where they can leave comments if they wish.

4. Smooth Handoff (Developer Handoff)

Designers and developers don't need a separate tool like Zeplin to manage handoff when using Figma. Even with view-only access, they can simply open files and switch to Code mode in the right sidebar.



Selecting an element on the stage while in Code mode will reveal all relevant information for implementation, as well as all other information about the component position in relation to other elements. The generated code, like that of similar solutions, isn't meant to be completely copied and pasted, but it's convenient to have.

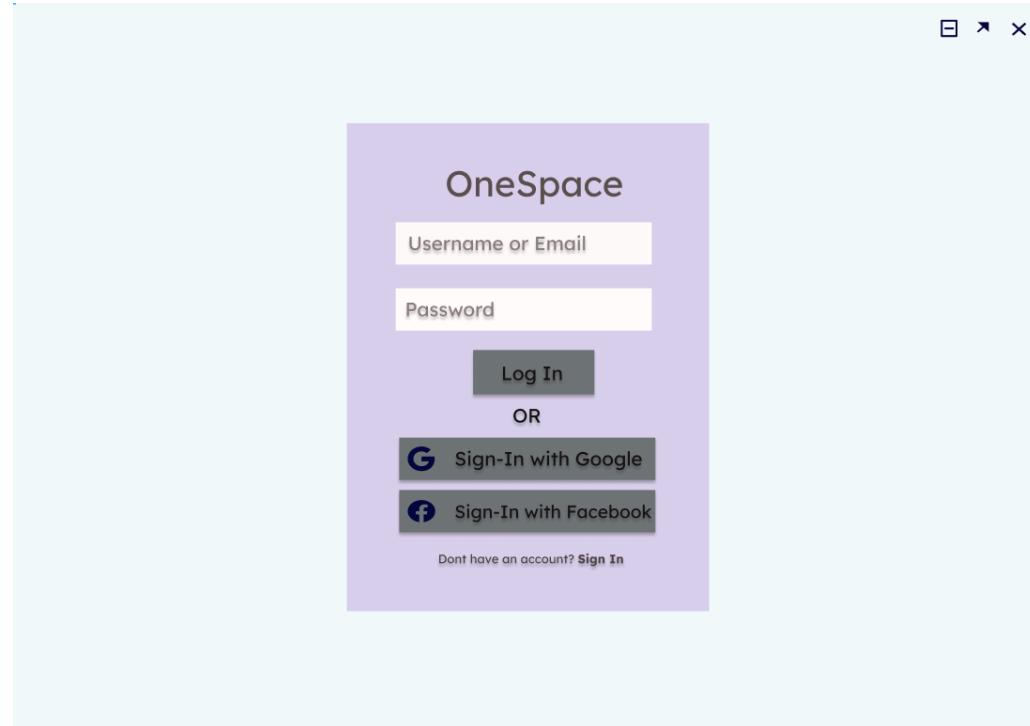
Comparison between Figma, Adobe XD, and Google Web Designer

	<u>Figma</u> 	<u>Adobe XD</u> 	<u>Google Web Designer</u> 
<u>Operating System supported</u>	SaaS (Software as a Service), Windows, Mac	SaaS (Software as a Service) Windows, Mac	Windows, Mac, Linux
<u>UI/UX prototyping</u>	Available	Available	Not available
<u>Group Collaboration</u>	Available	Available	Available
<u>Platform</u>	Browser-based app	Desktop and Mobile App	Desktop App

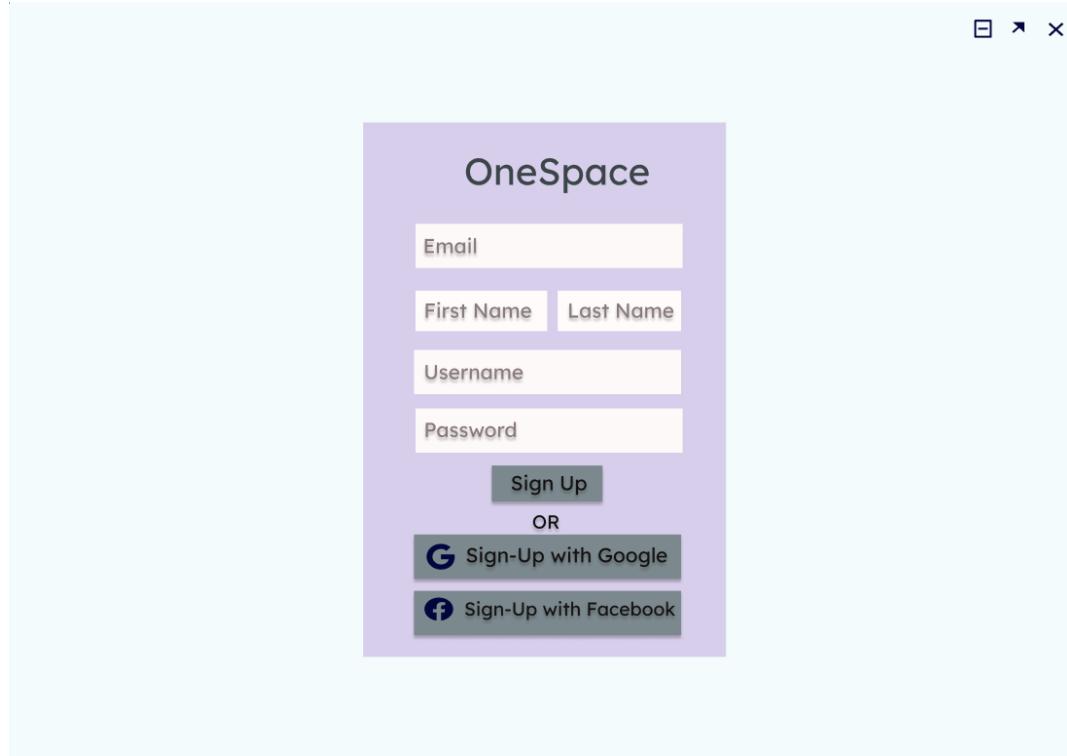
Chapter-3 Project Planning and Preparation

Paper-pen Designs

1. Login



2. Sign-Up



3. User Profile

A screenshot of a OneSpace user profile page. The header says "OneSpace" and shows a user icon. The main content area features a circular profile picture of a woman with red hair. Below the picture is the user's name, "Khushi Sharma", and their handle, "@khushiSharma12". It also shows "20 Following" and "17 Followers". A row of buttons below the bio includes "Software Engineering", "Community Building", "Travelling", "Coding", "Technology", and "JavaScript". A large, rounded rectangular box at the bottom contains the text "USER- BIO".

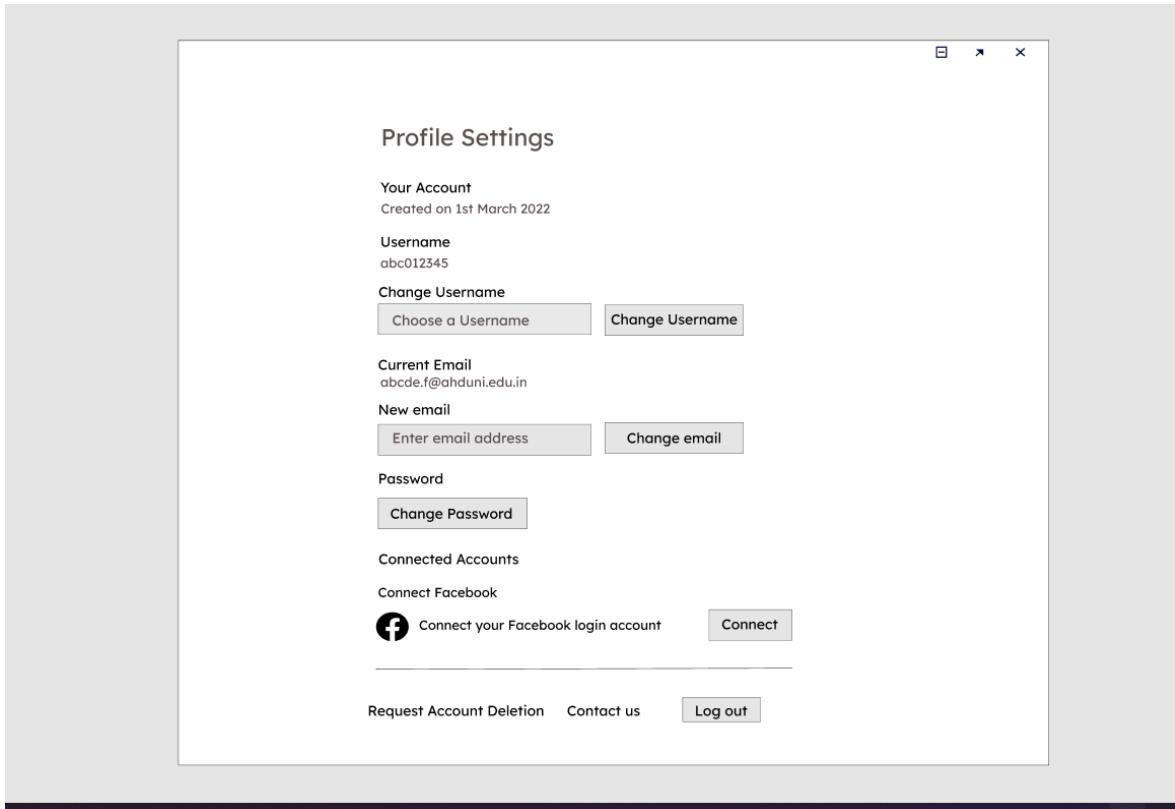
Khushi Sharma
@khushiSharma12

20 Following 17 Followers

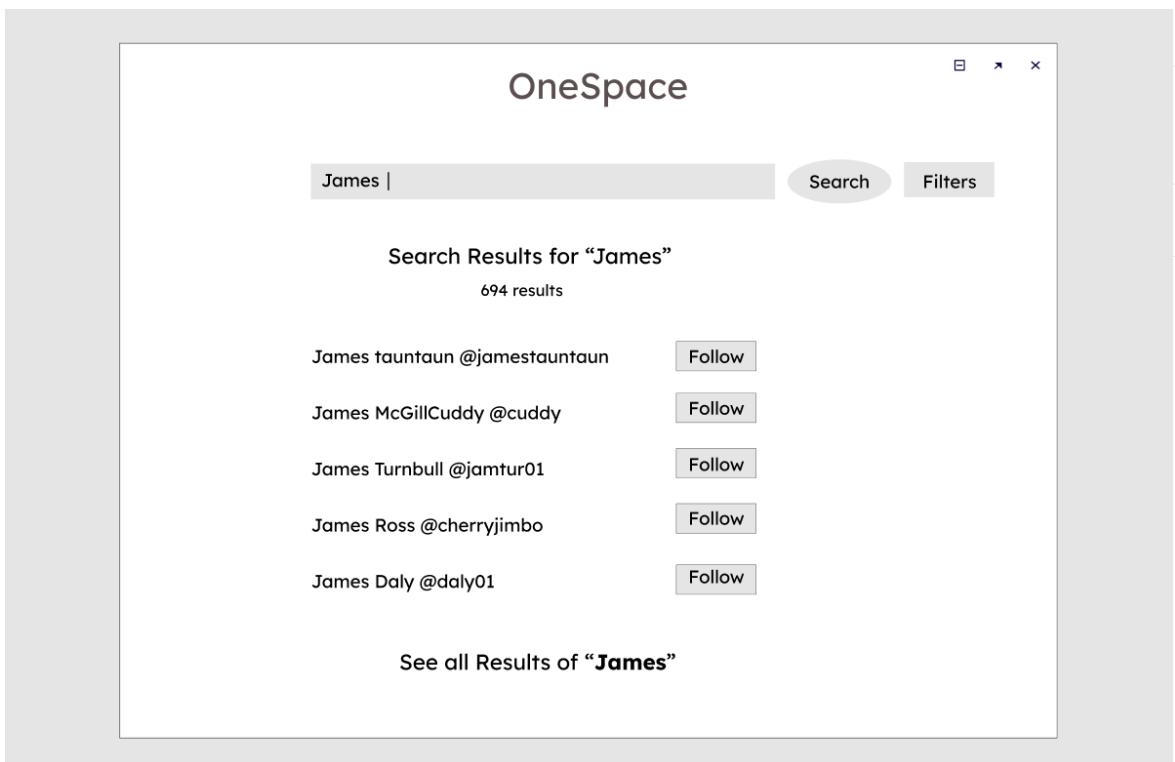
Software Engineering Community Building Travelling Coding Technology JavaScript

USER- BIO

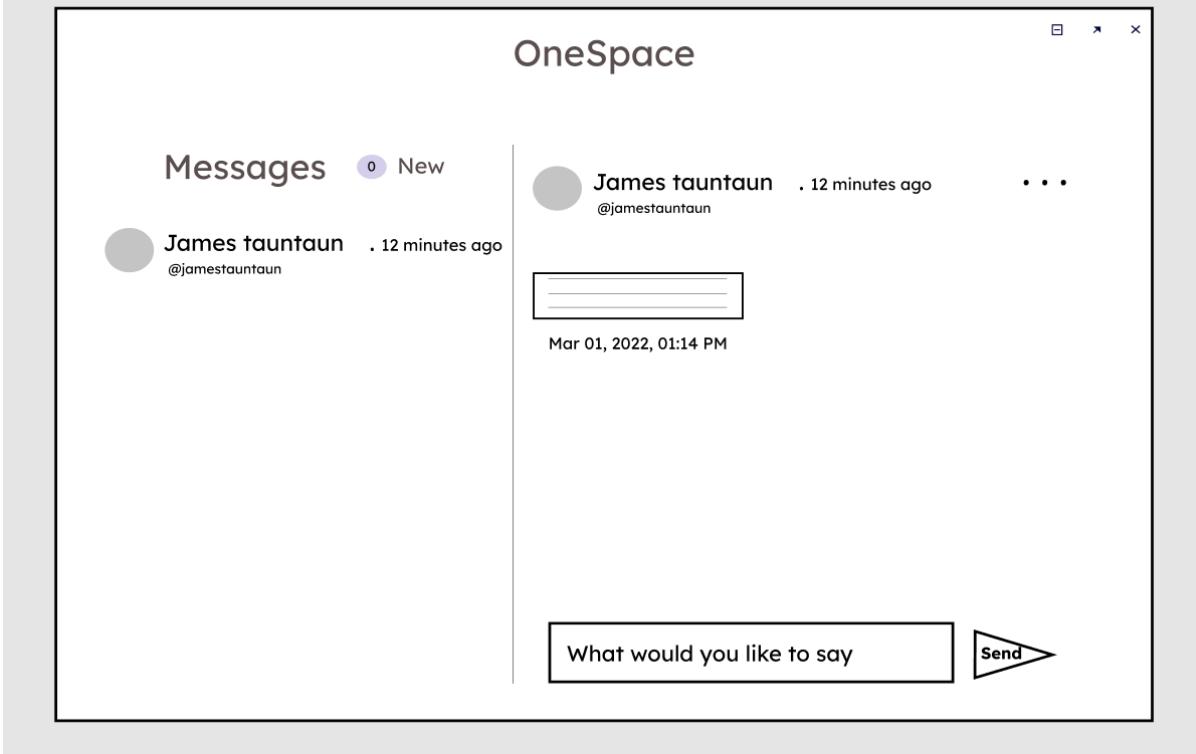
4. Profile Settings



5. Search Page



6. Messages



7. Feed

The screenshot shows the OneSpace web application interface. At the top, there is a header bar with the 'OneSpace' logo and three circular icons. Below the header is a navigation bar with back, forward, and search buttons, and a URL field containing 'https://www.onespace.com/feed/'. A search bar and a user profile icon are also present. The main content area is titled 'Your Feed' and includes filter buttons for 'All' and 'All Highlights'. A text input field says 'Let's write your new highlight.' Below this is a post from 'Peter Parker' (March 01, 2022) featuring a green 'Photo' button, two yellow 'Tag1' and 'Tag2' buttons, and an orange '+2' button. There are four horizontal lines for additional content. Below the post are three large buttons: a green 'Link Photo', an orange 'Link Text and URL', and a blue 'Photo/Video'. Below these buttons are interaction metrics: '43' likes and '4 comments'. Below the metrics are 'Like' and 'Comment' buttons. A comment input field with a user icon and a 'Post' button is shown. Below the comment section are two more posts from 'Tony Stark' (March 01, 2022) and 'Nick Fury' (March 01, 2022), each with a photo icon and a comment input field.

8. Find Collaborators

The screenshot shows the OneSpace 'Find People' feature. At the top, there's a header bar with the 'OneSpace' logo, a search bar containing the URL 'https://www.onespace.com/find-collaborators/', and a profile icon. Below the header, a search bar and a 'Find People' section are visible. The 'Find People' section contains six user profiles, each with a 'Cover Photo' placeholder, a 'Profile Photo' placeholder (colored yellow, blue, green, pink, orange, or white), and a brief bio. Each profile has a 'Connect' button at the bottom.

Profile Photo Color	User Name	User Bio
Yellow	Piyush Goyal	Entrepreneur, CEO @ Lenskart
Blue	Tommy Shelby	Businessman, Father
Green	Priyanka Sahai	Senior Designer, Investor
Pink	James Fin	Painter, Philanthropist
Orange	Vineeta Singh	Fashion Designer, Startup
White	Gaurav Bajaj	Coder, Blogger, Student

9. Notifications

The screenshot shows a web browser window for 'OneSpace' at the URL <https://www.onespace.com/notifications>. The browser interface includes a back/forward button, a search bar, and a user profile icon.

The main content area is titled 'Notifications' and lists five notification items:

- James Shannon** wants to collaborate
March 01, 2022 2:14 P.M.
- James Shannon** started following you
March 01, 2022 2:00 P.M.
- Homak Patel** wants to collaborate
March 01, 2022 1:00 P.M.
- Gaurav Bajaj** tagged you in a highlight
March 01, 2022 11:00 A.M.
- Lily Potter** wants to collaborate
Feb 28, 2022 2:14 P.M.

Persona Development

Khushi Sharma

Bio

Khushi is a Software Engineer at a multi-national company. She is also interested in building communities, learning new technologies, networking, traveling, etc. She is passionate about building tech communities and also organizes various tech talks via twitter spaces. She also does professional networking via LinkedIn to increase her community reach and also get new opportunities. Also, she likes to travel to new places and share about them on social media platforms like Instagram.

Behaviors

- She's passionate about learning new technologies and solving complex problems at work.
- She also likes to do community building and networking on online social media platforms.
- Once or twice a year, she likes to travel to new places and share about that place.

Brands



Age

24

Gender

Female

Location

Bangalore

Job

Software Engineer



**Living in the moment.
Exploring new things that align with my interests.**

Motivation

- Financial success.
- Exploring new places.
- Helping people (through community building)
- New job opportunities

Personality

- Analytical
- Organized
- Influencing
- Introvert/Extrovert (Both, depending on the event)

Goals

- Increase Productivity.
- Showcase all the aspects of life on a single social media platform.
- Connect with like-minded people and community-building online.

Frustrations

- Since Khushi is involved in so many different things apart from her Job. She has to share her experiences and updates on different social media platforms. For instance, networking and community building on LinkedIn and Twitter. People having similar interests
- All the content that she posts on social media is not organized on a single platform.

Allision Frederick

Bio

Allision is a mover and shaker. As a freelance writer, she has a very flexible, mobile job. She is a strong supporter of women's rights, social justice, and the environment and she also likes to write blogs. It is important to her that the people she does business with share some of her values. She loves traveling to different places and she loves to share her experiences through blogs. Allision is constantly looking for inspiration for her writing and craves a connection with people during her travels. When she goes on a trip, she doesn't want to just go where the locals go; she wants to immerse herself in a place such that she herself feels local. And as she is a freelance writer so she wants to write and post some content on travel experiences from different places.

Behaviors

- She's passionate about learning new technologies and solving complex problems at work.
- She also likes to do community building and networking on online social media platforms.
- Once or twice a year, she likes to travel to new places and share about that place.

Brands



Age

25

Gender

Female

Location

New York, USA

Job

Freelance Content Writer



I don't believe anything written on the sign; it's probably gonna suck. Current events are more motivating to me than monuments.

Motivation

- Monetary success
- Making new connections and learning from them
- Personal Enrichment
- Gaining and sharing new experiences by traveling to new places.

Personality

- More extrovert,
- More Thinking
- More Creative

Goals

- Travel new cities.
- Have interesting travel stories to write about and share her experiences with others through blogs

Frustrations

- Unfamiliar with wearable technology
- Allision finds trouble in deciphering public transit every time she arrives in a new city.
- Not being able to retrace her steps to go back to places she finds while exploring.

Vivan Mehta

Bio

Vivan is an enthusiastic junior student pursuing Engineering at a reputed university in Ahmedabad, India. He is really good at designing and developing websites and apps. He has interned at various reputed organizations and contributed to various open-source projects at GitHub. Apart from being a techie, he loves to blog on a variety of hot and trending topics and speak in open sessions. He also runs a newsletter where he likes to share credible information about startups, stocks, and finance. He loves doing road trips and traveling across India. Overall, he is someone who does a lot more than just coding and has a presence on various social media platforms.

Behaviors

- He is a very active and enthusiastic person and believes in contributing to society through the skills and knowledge he has gained.
- He is a passionate technology enthusiast and likes working with a team of smart people.
- He loves exploring different hobbies and sharing his thoughts and ideas amongst people.

Brands



Age

20

Gender

Male

Location

Ahmedabad, India

Education

Undergraduate in
Engineering



I am more than just coding. I
want people to know
different angles of life, and
not just my professional
background and expertise

Motivation

- Praise at work
- Connecting with new people and learning from them
- Creating good, credible, and impacting content at the newsletter

Personality

- More extrovert
- More Sensing
- More Feeling
- More Perception

Goals

- Showcase different skills and aspects of personality to people.
- Enhance productivity at work.
- Connect with amazing people globally and learn from them.

Frustrations

He is frustrated by the fact that he has to manage different social media accounts as per their designated use. For example – he has to post professional things on LinkedIn, his daily life and fun activities on Instagram, etc.
· He finds it difficult to find and connect with people who align with his interests. He has to look at their different social media handles and at times even talk with them (which is a time-consuming task) to get a better understanding of their interests and personality.

Scenario Description

Scenario -1:

- The scenario for the OneSpace social media platform to create a collection of posts or links having photos and videos of travel that a user did during his holidays can be described as follows:
 - The user enters the social media platform via login or signUp. The user clicks the view user profile option on the top right corner. In the user profile, the user selects the option named “Create New Tab” in the tabs panel. Tabs, simply, are the collections where a user can containerize all the related posts. A new window pops up with the message saying to insert links/photos/videos along with the caption

to be added to the collection. The user enters the collection name and the new collection is created.

Scenario -2:

- The scenario for the OneSpace media platform to get a list of potential users who have worked on AWS cloud technology so that a user can message him/her to host a talk with them can be described as follows:
 - The user enters the social media platform via login or signUp. The user clicks on the search icon and types in the appropriate keywords. In this case, the keywords can be “AWS”, “Cloud Technology”, etc. The user can view the profile of people who have such tags/labels or have posted something related to the keywords and message them by clicking on the message icon on the other user's profile.

Scenario -3:

- The OneSpace media platform's scenario is for users to write about their trip experiences as well as their current views on Social Justice, Human Rights, Environment related problems, or any other daily trending news. As a result, the user can create a post to share his or her trip experiences as well as his or her opinions on current events or topics, as follows:
 - The user enters the social media platform via login or signUp. The user clicks on the “Feed” option on the top left side of the screen. In the Feed, the user will be able to see all the current trending feeds on the platform on the left-hand side, and on the right side, there will be a section for the user to post the content or write a post on the

platform. The user can also view the trending topics for the discussion and can also present his/her views on that topic.

Use case Description

Use-case -1:

- Use case for adding posts containing videos/photos of a travel vacation in a new collection/tab on the OneSpace social media platform can be described as follows:
 1. The user logs in or signs up on the website
 2. The system identifies the user and displays the user's personalized dashboard.
 3. The user clicks on the "View Profile" option.
 4. The system displays the profile of the user.
 5. The user clicks on the option "Create New Tab".
 6. The system responds with a new screen having the option to add multiple posts from other social media platforms or to upload photos or videos along with captions.
 7. User uploads the photos/links or adds the links to posts of other social media platforms.
 8. The user gives the title to the Collection.
 9. The system creates a new Collection on the User's profile.

- Alternative courses:

- 2. If the login or signup credentials are incorrect.

- 2.1 The system displays an error message.

- 2.2 The system returns to step-1.

7. If the link added in the step is invalid.

 7.1 The system displays an error message

 7.2 The system returns to step-6 (Re-enter the link)

9. If the collection name already exists in the User profile

 9.1 The system displays an error message.

 9.2 The system returns to step-8.

Use-case -2:

- Use case for getting a list of potential users who have used or worked on AWS in order to send them a message to host a talk with them regarding AWS Cloud Technology can be described as follows:

1. The user logs in or signs up on the website.
2. The system identifies the user and displays the user's personalized dashboard.
3. The user clicks on "Search Icon".
4. The user types in keywords to find people based on the keywords entered. In this case, keywords can be "AWS", "Cloud Technology", etc.
5. The system searches for potential users and displays them on the screen.
6. The user can identify a specific user and message them using a message by clicking on the "Message" icon and typing the message.
7. The system sends messages to the other user.

- Alternative courses:
 2. If the login or signup credentials are incorrect.
 - 2.1 The system displays an error message.
 - 2.2 The system returns to step-1.
 5. If there are no users matching the keywords then
 - 5.1 An appropriate message is displayed.
 - 5.2 The system returns to step-4.

Use-case -3:

- Use case for writing about travel experiences as well as on daily trending news can be described as follows:
 1. The user logs in or signs up on the website.
 2. The system recognizes the user and shows a personalized dashboard for them.
 3. The user clicks on the “Feed” Option.
 4. The system displays the Feed page of the platform.
 5. The user clicks the Post option available on the navbar.
 6. The system popups an overlay box at the center of the screen which includes a textbox along with formatting options and file uploading and sharing options for the post.
 7. The system will suggest some trending topics or news for the user.
 8. The user can make and select a new topic for discussion or select from system suggested topics.
 9. The system will add the topic in the discussion post.

10. The user will write his/her views and will click on the Post button.
 11. The system will create a post as specified by the user.
- Alternative courses:
2. If the login or signup credentials are incorrect.
 - 2.1 The system displays an error message.
 - 2.2 The system returns to step-1.
 9. If the topic is not available for discussion on platform
 - 9.1 The system displays an error message.
 - 9.2 The system returns to step 8.

Chapter-4 Project Features

1. Authentication (LogIn/SignUp)

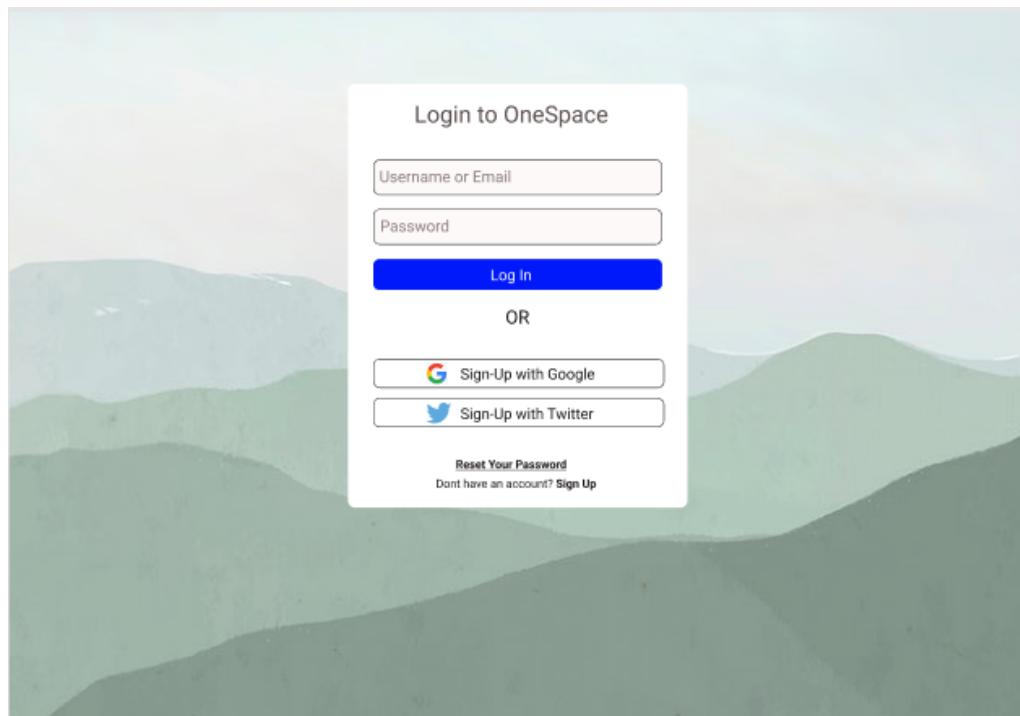
Functionality:

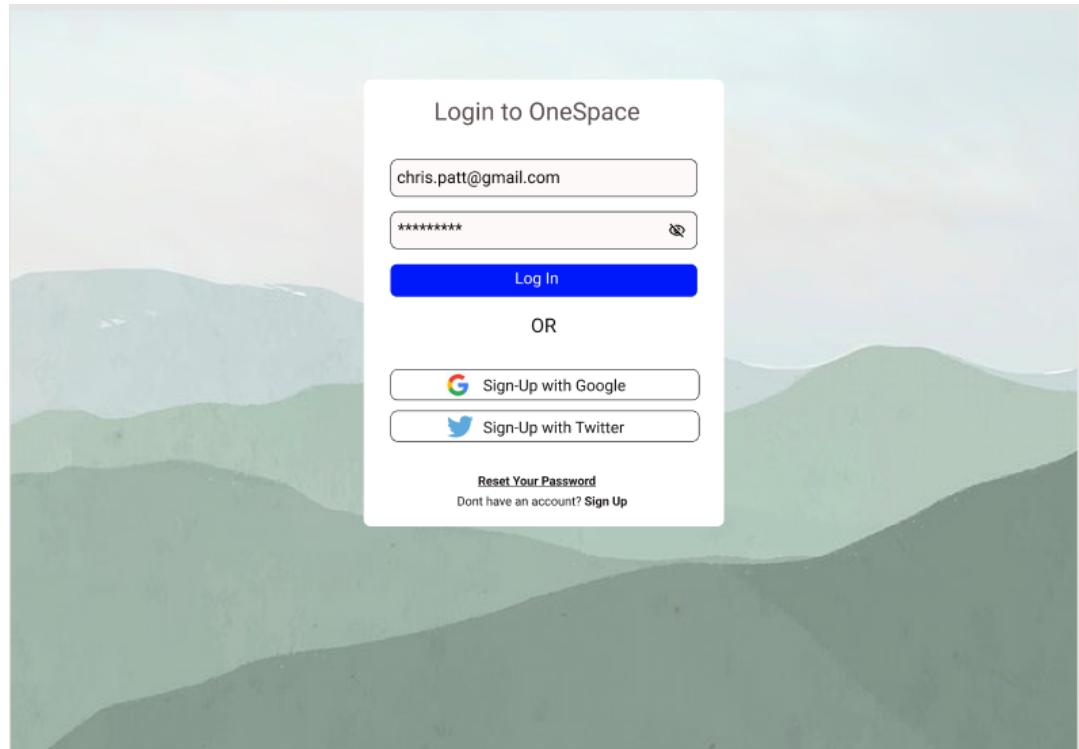
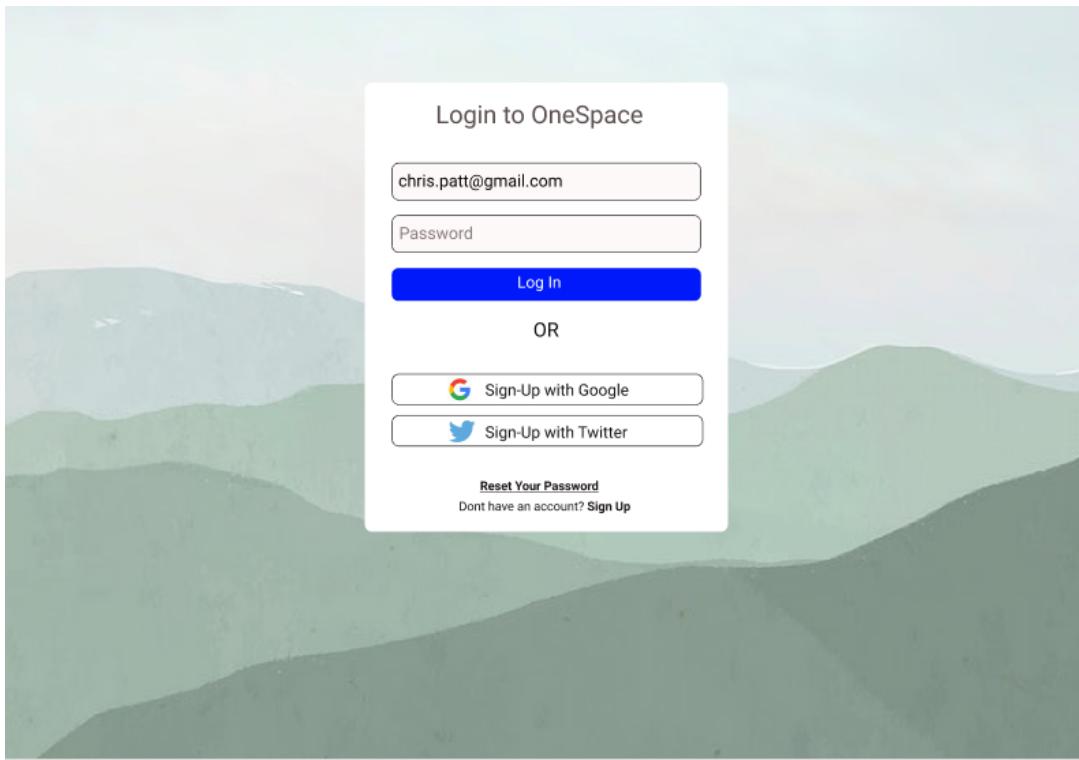
- To create an authentication system for the OpeSpace social media platform.
- Also, to create a new account with a unique ID for the user in the system in order to provide a personalized experience.
- User can also reset the password of the account in case they forget the password. The user has to enter registered email address of the account. They would receive an email with instructions and a link to reset the password. On

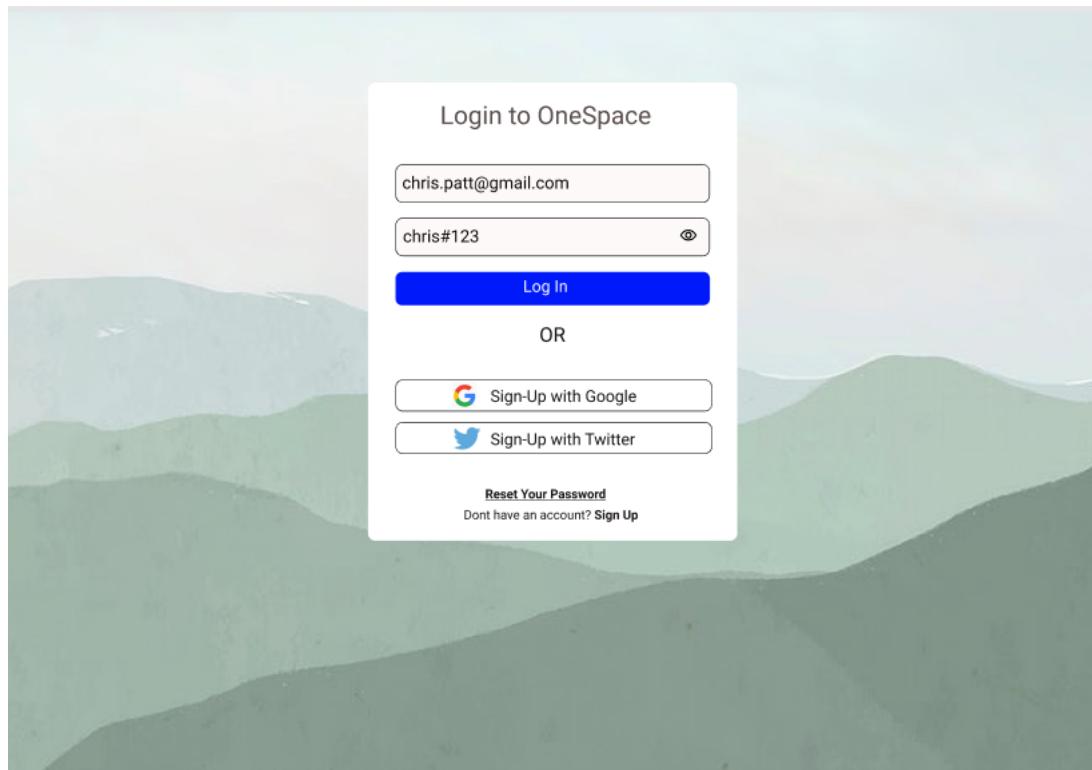
clicking the link, they would create a new password and their password will be successfully reset.

Photos of Implementation:

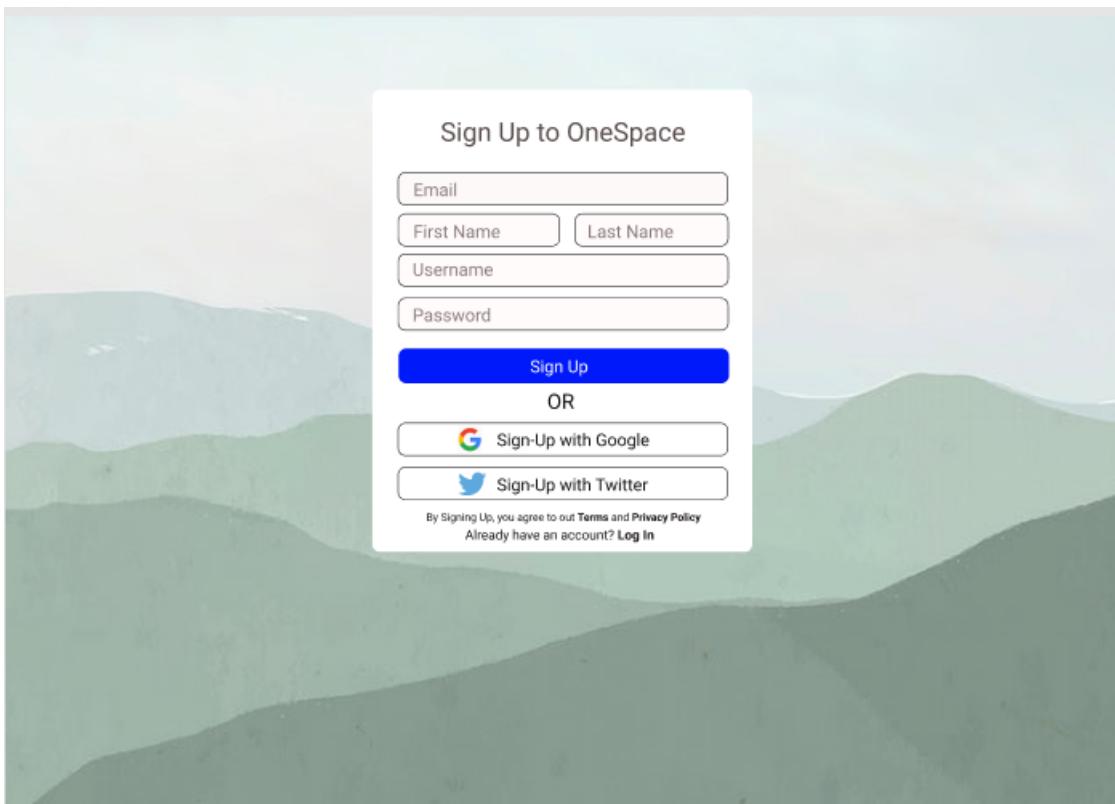
Login:

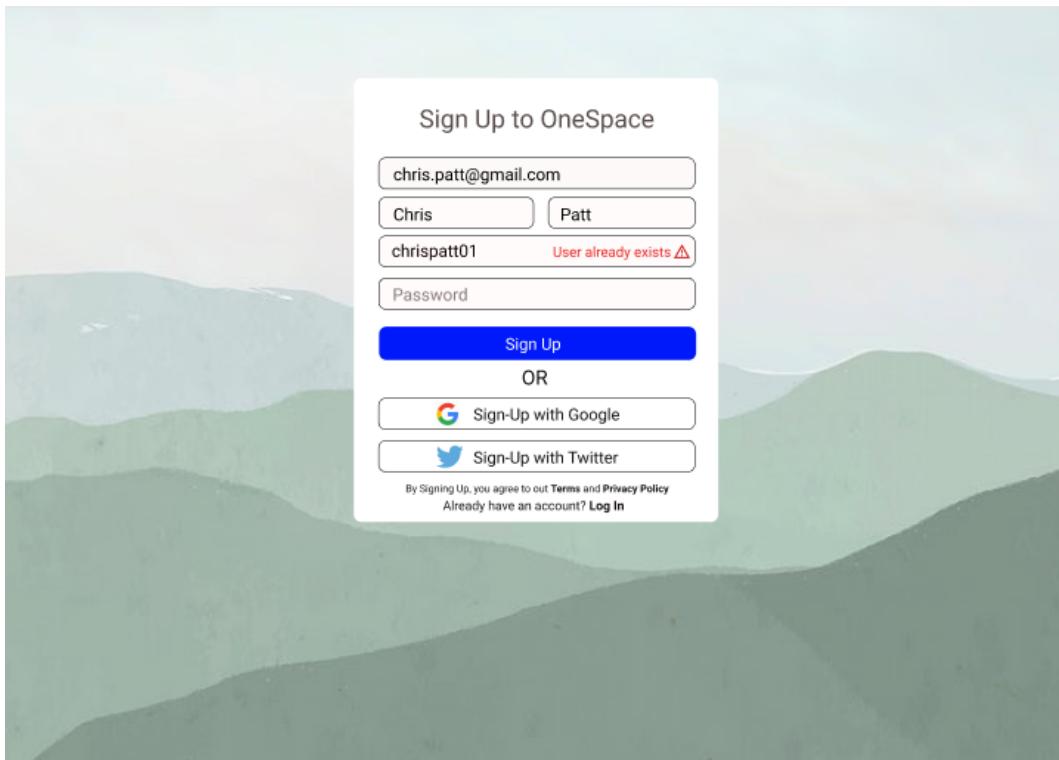
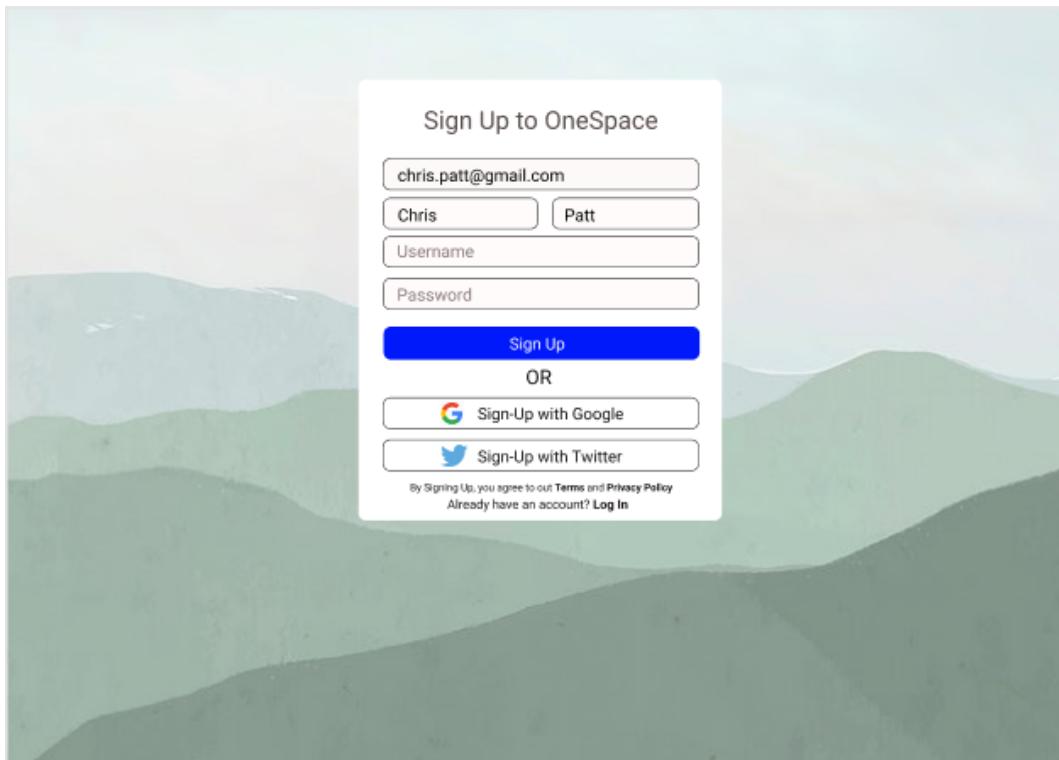


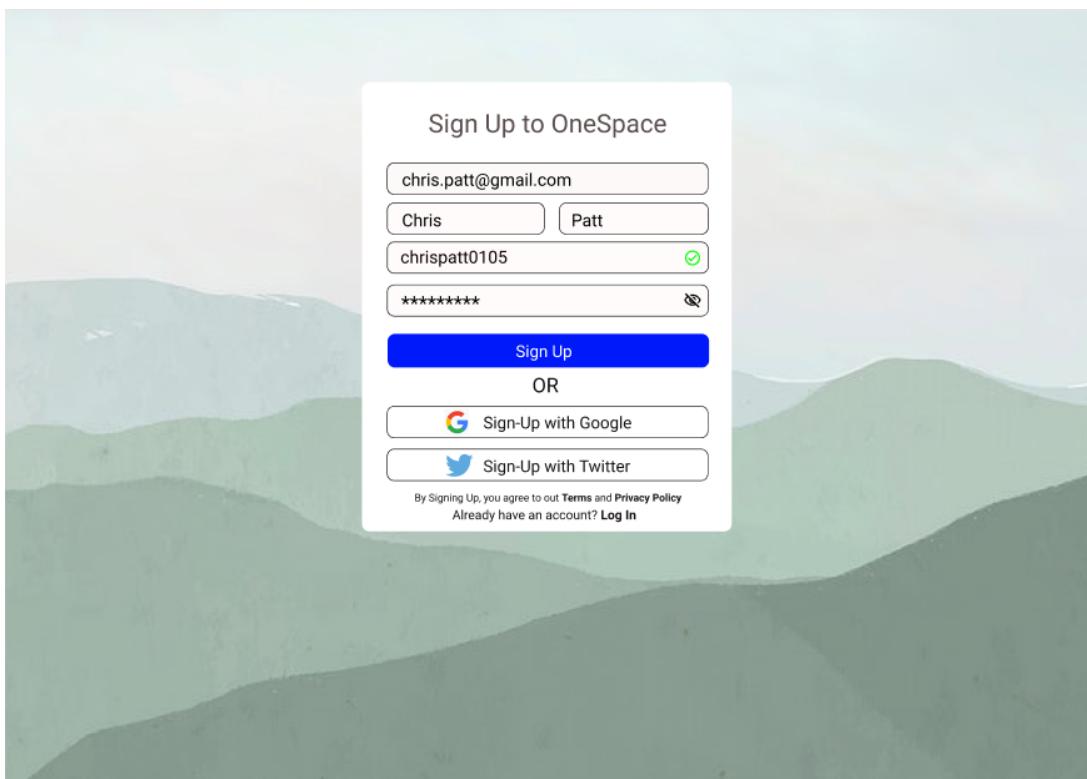
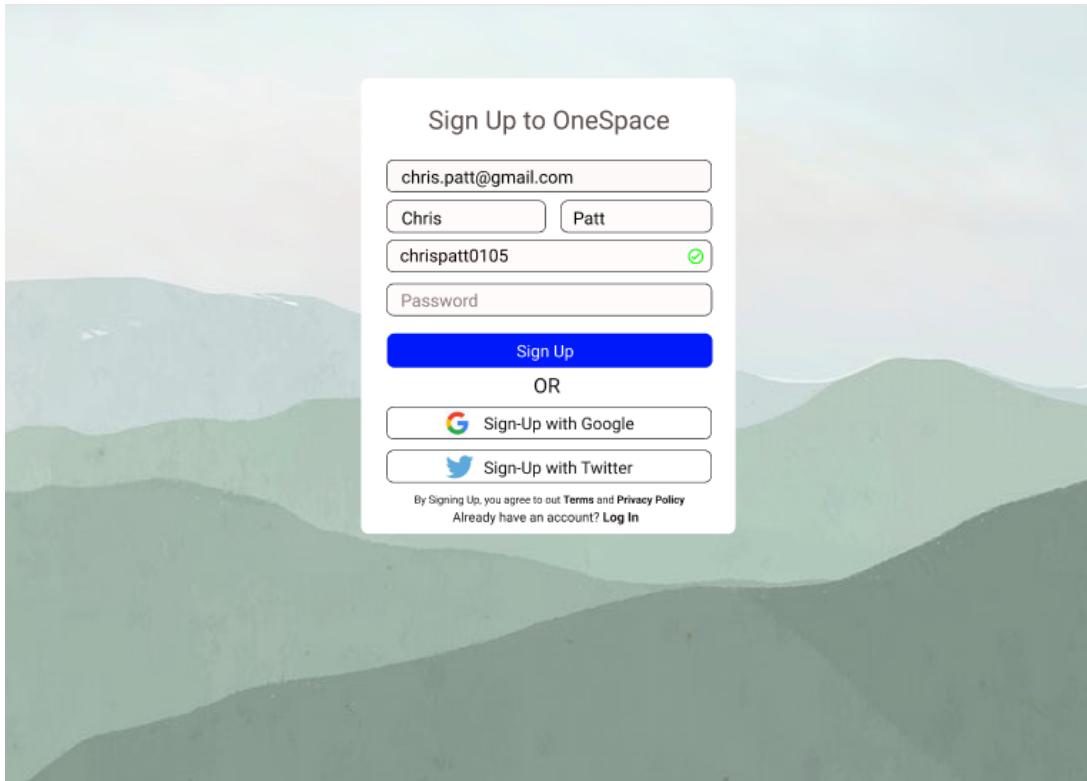


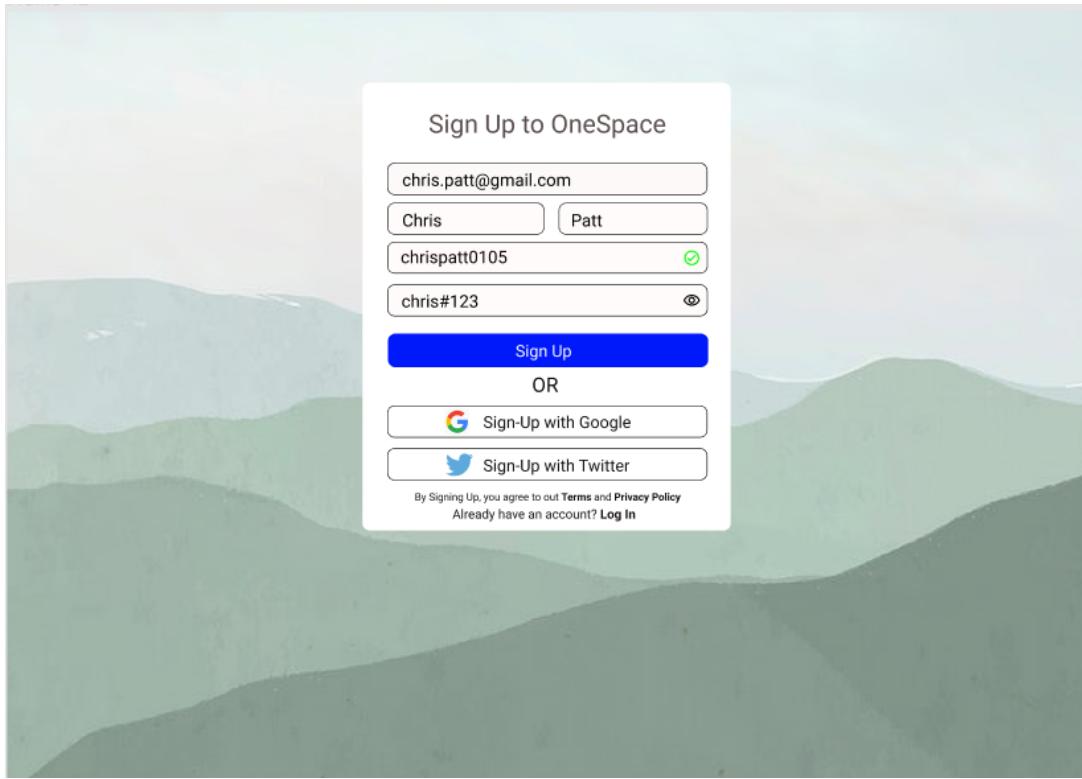


SignUp:

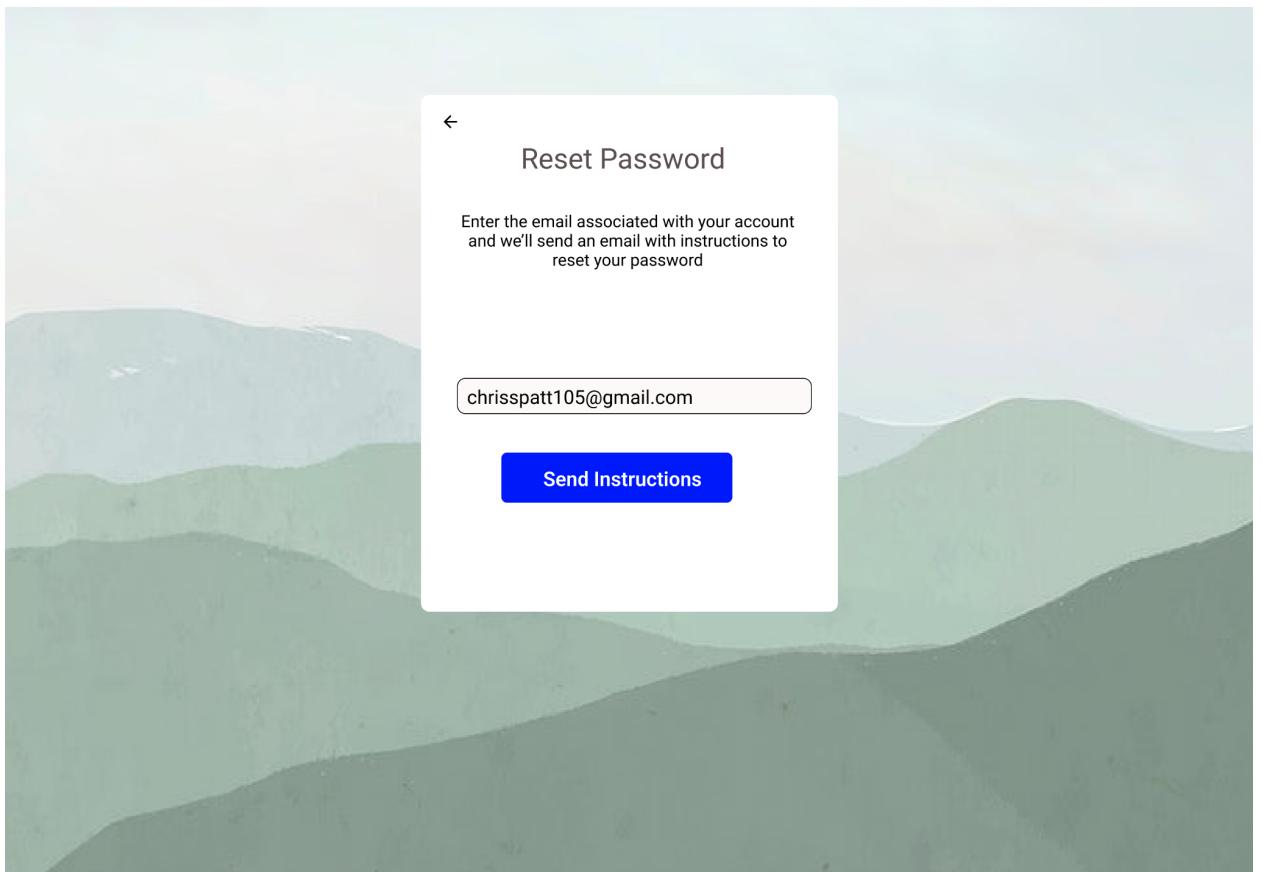


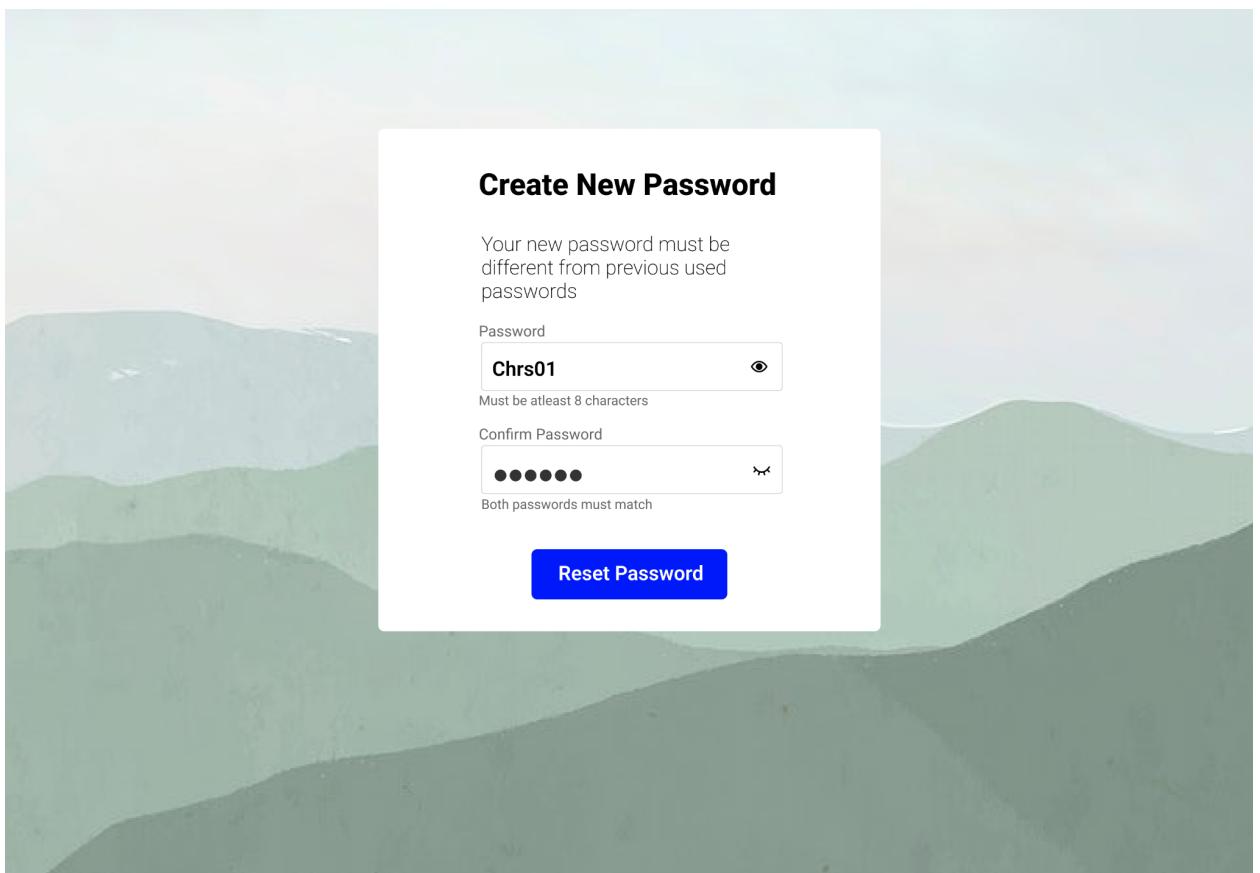
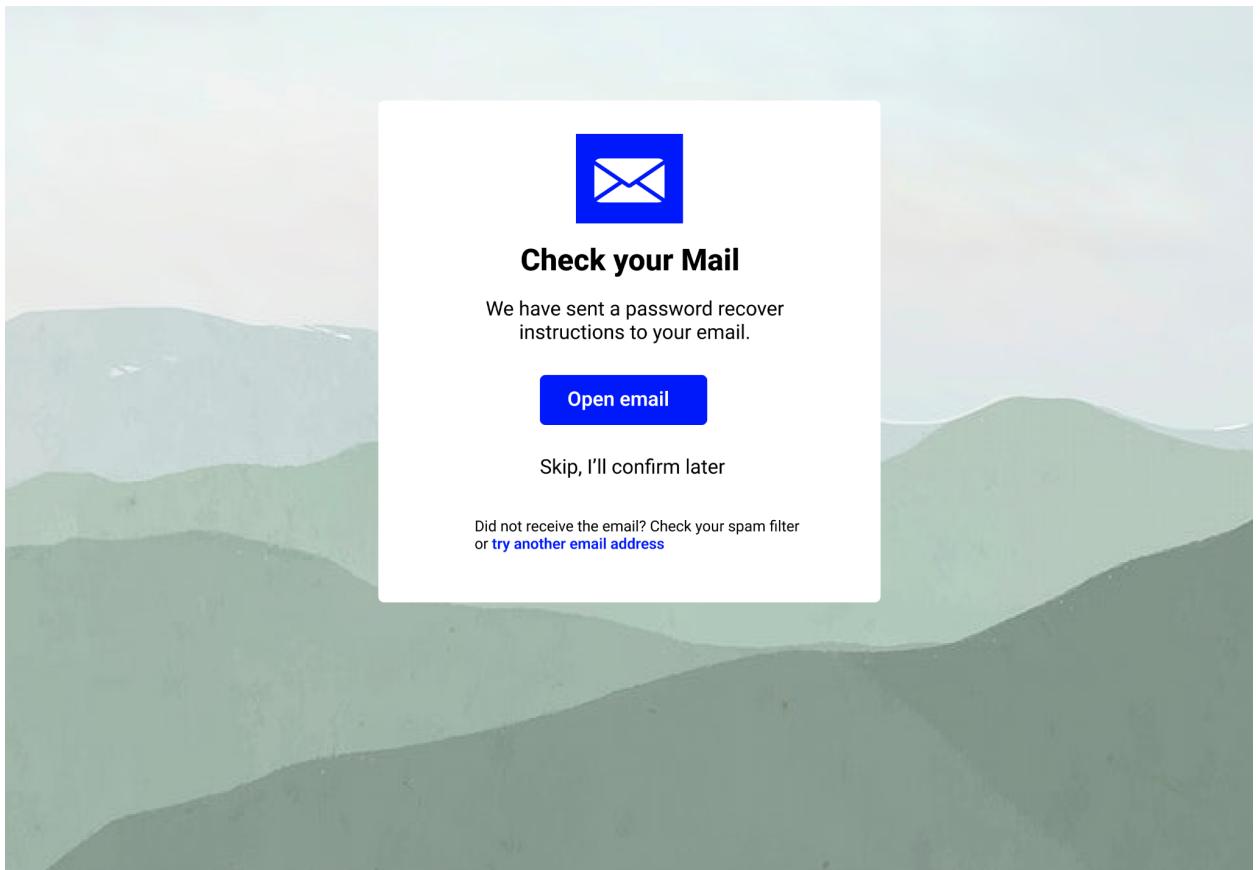


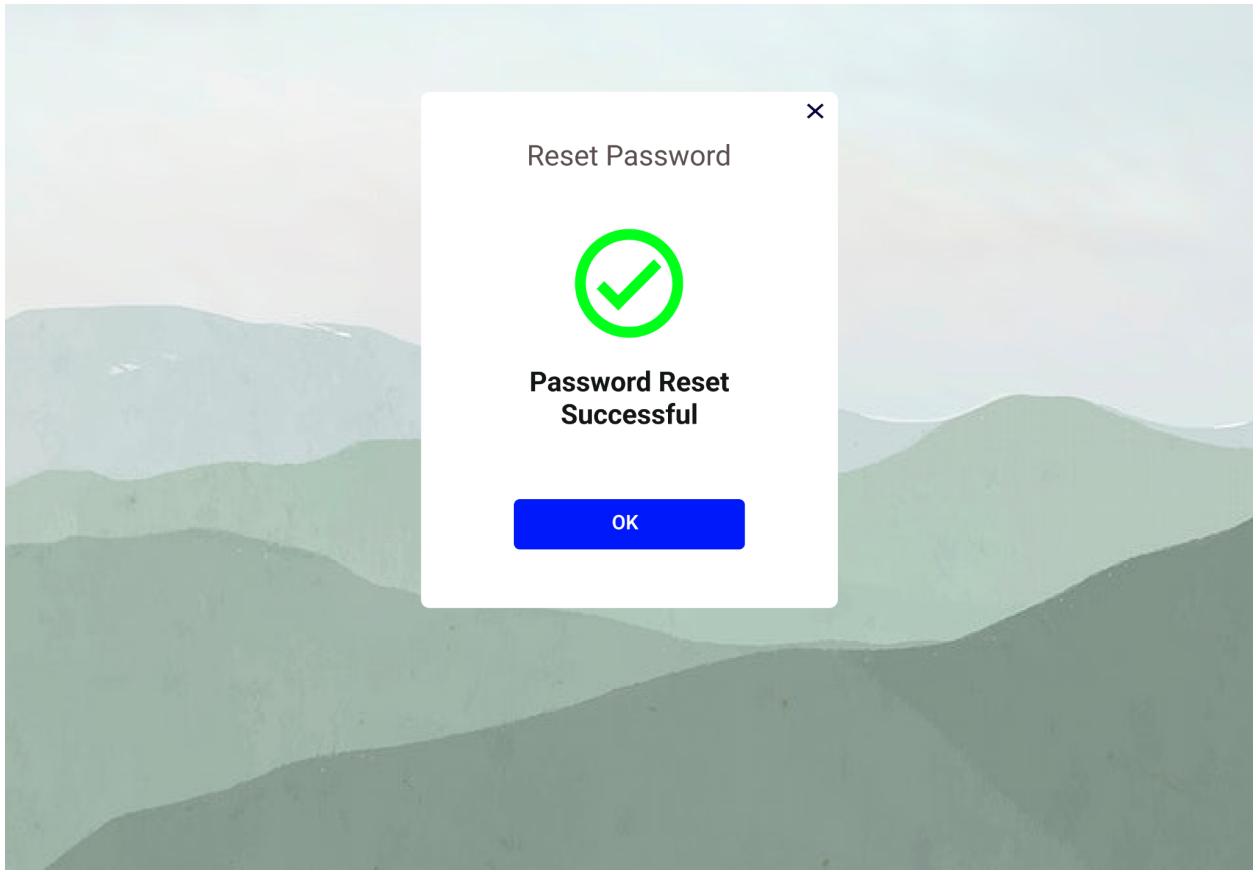




Reset Password:







Design Principles:

Strive for consistency: Similar layout for SignUp and LogIn page (comparing to other pages). Similarity can be found in terms of font style, font size, color theme, icons layout, and pages-layout.

Prevent Errors: During login, the Email/Username and password of the user are verified before the system enables the user to proceed. During SignUp, the system verifies the username selected by the user i.e. system verifies whether the username selected by the user is unique or not.

- **Interaction Style:**

Form Fill-In: In the log-in, SignUp page and reset password page, the form-fill In method is used to facilitate easy entry of data by the user.

- **Hierarchical Task Analysis:**

Goal: Authenticate the user and allow the user to log in to the website

Sub-Task-1: Enter the details

Sub-sub-task-1.1: Enter the Email/user

Sub-sub-task-1.2: Enter the password. If the user wants, he/she can unhide the password by clicking the unhide Button available in the password field.

Sub-Task-2 Hit the Log-in button.

2. Add Labels

- **Functionality:**

'Add Label' allows the user to add a label to his/her profile. In the OneSpace Social Media platform, a label is a keyword that a user can put on his/her profile page such that it can be associated with the user's personality or work.

- **Photos of Implementation:**

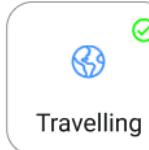
Add new Label

x

Search for labels



Software
Engineering



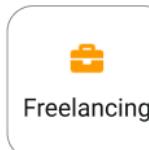
Travelling



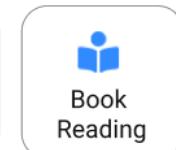
Community
Building



Blog Writer



Freelancing



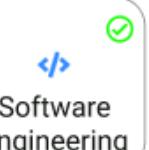
Book
Reading

Add Label

Add new Label

x

Search for labels



Software
Engineering



Travelling



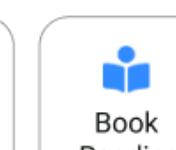
Community
Building



Blog Writer



Freelancing



Book
Reading

Add Label

Add new Label

x

 Design



Fashion
Design



Product
Design



Industrial
Desgin



UI Design



UX Design



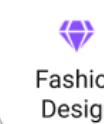
Interior
Design

Add Label

Add new Label

x

 Design



Fashion
Design



Product
Design



Industrial
Desgin



UI Design



UX Design



Interior
Design

Add Label

x



**Labels updated
Successfully!**

Add Label

- **Design Principles:**

Strive for consistency: It has a layout that is similar to other pages of the website. Similarity can be found in terms of font style, font size, color theme, icons layout, and pages-layout.

Permit easy reversal of actions: The user can select or unselect a label. Thus, if a user adds a label by mistake he/she can easily reverse the actions i.e. unselect the previously added label.

- **Universal Usability:**

Personality Differences: The principle states that users with different personalities have different experiences with interface design. Thus, for this feature, users having different experiences and personalities can select the labels of their choice. For instance, a software engineer can include keywords such as Coding, JavaScript, etc. whereas a writer can include keywords like Book Writer, blogger, etc. He/She can also add labels like

Introvert/Extrovert or anything else by making a new label in order to let others know about their personality to connect with them. Thus, a user can add different labels based on their personality.

- **Interaction Style:**

Form Fill-In: The search label option allows easy data entry through which users can search for labels that he/she wants to select.

Menu Selection: Users can select from the label search results based on input keywords or already available and popular labels on the “Add new label” dialog box on the page.

- **Hierarchical Task Analysis:**

Goal: Allow users to add new Label(s) to their profile.

Sub-Task-1: Select the label(s) to be added to the profile.

Sub-sub-task-1.1: Select the label by searching the label in the search option OR select the label available in the menu

Sub-sub-task-1.2: Select multiple labels if needed.

Sub-Task-2 Click the ‘Add Label’ button.

3. Add Tab + Add posts to tab + Edit Tab + Delete Tab (for user profile)

- **Functionality:**

- ‘Add Tab’ allows the user to add a new tab in the user profile. Tabs in the user profile are a collection of posts of

users on OneSpace and other social media platforms that have some common thing so that they are put together in a ‘Tab’. The user has to input name, description and a color to the tab in order to create a new tab.

- The user can also add his/her already published posts to a specific tab. The user clicks on more-info (3-dot) icon available on the tab and select “Add post” option. The user can select multiple posts from the resulting screen and add it to the tab.
- The user can also edit color, name and description of each tab through “Edit Tab” option in the same dropdown.
- The user can also delete a tab by selecting “Delete tab” option from the same dropdown. The user will be prompted for confirmation once before deleting the tab. Once the tab is deleted, it won’t be available in the tabs section on user’s profile page.
- **Photos of Implementation:**

OneSpace My Feed Find people Search Post   





Chris Patt
@chrisspatt0105
238 Following • 101 Followers
Software Engineer @ Google, Freelancer, Investor

 Software Engineering  Community Building  Travelling  Coding  Technology  JavaScript + Add Label

Hello! 🌟
I am Chris Patt, a Software Engineer at Google and a Computer Science graduate (2021) from USA. Learning new technologies, solving complex problems, building communities, travelling and public speaking excite me. I promote diversity and inclusion in communities. I also hosted my show Tech Talks to mentor people.

Tabs + Add Tab

Achievements 4 posts **Talks** 12 posts **Travel** 1 post
Add post Edit Tab Delete

Open Source Contributions 7 posts **Tweets** 30 posts **View More**

Timeline + Add Post

7 Feb, 2022 Hosted a Tech Talk on Twitter Spaces 

15 Jan, 2022 Started working as SDE-1 at Google, London! 

[View More](#)

Add new Tab: -

Add a new Tab

Tab Name

Enter the Tab name

Description

B I S Ø T W C E H M

Enter the Tab description

Select Tab's cover color



Add Tab

Add a new Tab

Tab Name

Technical Blogs

Description

B I S Ø T W C E H M

Contains all the technical blogs and resources that I like.



Tab Added
Successfully!

Add posts to a Tab: -

Add Posts to "Travel"

**Chris Patt**

22nd March, 2022 8:05 PM



Recently, went on a trip to India. Such a wonderful country and so much colors. You can see language, culture and tradition changing after every 2 km. Such an amazing trip it was. I visited the infamous Jaisalmer, Jodhpur along with Ayodhya.

150 likes



25 comments

**Chris Patt**

13th January, 2022 8:05 PM



Hey folks! I am delighted to share with you all that I have secured 2nd position at D2C Annual Hackathon competition. It was a tough one where the participants had to solve video anomaly problem based on given dataset. It required a lot of brainstorming, but at the end I cracked the code.

150 likes



25 comments

**Chris Patt**

1st January, 2022 8:05 PM



Hey Guys! Recently visited Paris, France. Amazing experience. The people are so welcoming at France. The food was great. I am in love with "Cassoulet". I am planning to write a novel fictional story considering French people. Would appreciate if someone can help me build a good plot.

150 likes



25 comments

**Chris Patt**

29th December, 2021 8:05 PM



I am delighted to share with you all I have graduated from Carnegie Mellon University with my Masters in Computer Science and Artificial Intelligence as a gold medalist. I am very grateful to all my professors and friends at this wonderful university in guiding me in this important step of my career.

150 likes



25 comments

**Chris Patt**

15th September, 2021 8:05 PM



A cherry on the top! I feel blessed and excited to share with you that my research paper titled "Improved Data Mining with Applications from AI" has been accepted for publication in the upcoming Elsevier journal. Kudos. 🌟

150 likes



25 comments

**Add**

Travel

Bonjoir. Namaste. Ciao. This are my travel posts.

**Chris Patt**

22nd March, 2022 8:05 PM

Recently, went on a trip to India. Such a wonderful country and so much colors. You can see language, culture and tradition changing after every 2 km. Such an amazing trip it was. I visited the infamous Jaisalmer, Jodhpur along with Ayodhya.

150 likes

Like

25 comments

Comment

**Chris Patt**

1st January, 2022 8:05 PM

Posts Added Successfully!

I visited Paris, France. Amazing experience. The people at France. The food was great. I am in love with planning to write a novel fictional story considering French people. Would appreciate if someone can help me build a good plot.

150 likes

Like

25 comments

Comment

**Chriss Patt**

29th December, 2021 8:05 PM

Hey folks. I am at Zurich, Switzerland. It's 16 degrees here. I would say a pleasant environment - not too hot and not too cold, just pleasant. It's such a beautiful place. Clearly, a heaven in itself. Do let me know if you know good places to visit in Zurich apart from the popular ones.

#ZurichDiaries

150 likes

Like

25 comments

Comment

Edit a Tab: -

X

Edit Tab

Tab Name

Travel

Description



This tab contains all my travel experiences and travel vlogs

Select Tab's cover color



Edit Tab

X

Edit Tab

Tab Name

Travel Experiences and Vlogs

Description



This tab contains all my travel experiences and travel vlogs

Select Tab's cover color



Edit Tab

x



**Tab Updated
Successfully!**

Delete a Tab: -

OneSpace My Feed Find people Search Post Bell Print Share

Chris Patt
@chrisspatt0105
238 Following • 101 Followers
Software Engineer @ Google, Freelancer, Investor

Hello! I am Chris Patt, a Software Engineer at Google and a Community Organizer from USA. I am interested in technologies, solving complex problems, and giving back to communities. I also hold a Bachelor's degree in Computer Science.

Achievements (4 posts)

Open Source Contributions (7 posts)

Posts (30 posts) View More

Are you sure you want to delete this tab?

This won't delete your posts

Yes, Delete it! Cancel

+ Add Tab

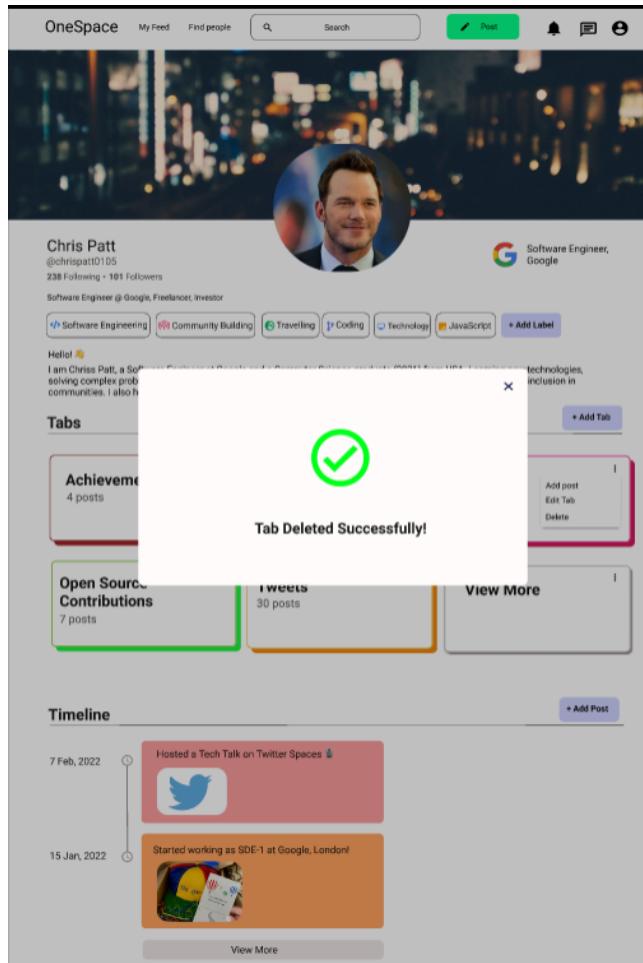
Add post Edit Tab Delete

Timeline + Add Post

7 Feb, 2022 Hosted a Tech Talk on Twitter Spaces

15 Jan, 2022 Started working as SDE-1 at Google, London!

View More



- **Design Principles:**

Strive for consistency: It has a layout that is similar to other pages of the website. Similarity can be found in terms of font style, font size, color theme, icons layout, and pages-layout.

Offer Informative Feedback: Based on user actions, the system will give informative feedback. For instance, if the user click the Delete Tab button, the user prompts for confirmation rather than directly deleting it. This is in response to the user's actions.

Design Dialogues to Yield Closure: The user has to go through a well-defined sequence of actions before getting to the desired output. For instance, in the add posts to a tab, the user first has to click the "Add post" option in the dropdown followed by

selecting multiple posts from the resultant screen and clicking “Add” button to add them to the tab. At the end, the system responds with a message - “Posts Added Successfully!” to the user. In the delete tab functionality also, the user is asked a confirmation dialogue before actually deleting the tab.

Permit Easy Reversal of Actions: This can be seen in through the Edit Tabs functionality. This is developed so that user has an option to edit the previously created tab or even delete it using the “Delete Tab” functionality.

Reduce Short Term Memory Load: The user is asked to select multiple posts to add to a particular tab in “Add Posts to Tab” functionality. This would allow the user to feel less constrained cognitively and select directly from the posts available on the screen rather than recalling his/her posts. The user just has to scroll through the displayed posts and select with just a click of button.

- **Universal Usability:**

Personality Differences: The principle states that users with different personalities have different experiences of interface design. Thus, for this feature, users having different preferences of color for different tabs can select the different colors for tabs. The name of the tab during its creation is also linked with the user’s personality.

- **Interaction Style:**

Form Fill-In: The ‘Tab Name’ and ‘Description’ option allows the user to enter the data easily. This kind of interaction is visible in “Add tab” and “Edit tab” functionality.

Menu Selection: Users can select from the colors given in the menu for the new tab which is to be created. User can select through multiple posts in the “Add posts to tab” option. The user also has to select from the dropdown menu of tab options.

- **Hierarchical Task Analysis:**

Goal: Allow users to add a new Tab to their profile.

Sub-Task-1: Enter the details.

Sub-sub-task-1.1: Enter the Tab Name.

Sub-sub-task-1.2: Enter the Tab Description.

Sub-sub-task-1.3: Select Tab Cover’s color from the given colors.

Sub-Task-2 Click the ‘Add Tab’ button.

4. Edit Profile

- **Functionality:**

- The edit Profile page allows the user to make corrections to his personal information.
- The user can view their current personal information such as their first name, last name, username, bio, and profile pic.
- This feature lets the user edit and update their details like their first name, last name, email, and bio. It also lets the user select a new unique username.
- The user needs to click the profile symbol on the top left side of the screen in order to open the edit profile page.

- The user can also view his/her ‘followers’ and ‘following’ on this page.
- **Photos of Implementation:**

The screenshot shows the 'Edit Profile' section of the OneSpace application. At the top, there's a navigation bar with 'OneSpace', 'My Feed', 'Find people', a search bar, and a green 'Post' button. Below the navigation is a grey header bar with 'Edit Profile' and tabs for 'Settings' (which is selected) and 'Privacy & Data'. The main content area has a circular profile picture of Chris Patt. To the right, under 'BASIC INFO', are fields for First Name ('Chriss'), Last Name ('Patt'), Username ('@chrisspatt0105'), Email ('chrisspatt105@gmail.com'), Job Title ('Web Designer'), Company ('Google'), and Bio ('Software Engineer @ Google, Freelancer, Investor'). Below this is an 'ABOUT ME' section with the text 'I'm Software Engineer, I work in programs like figma, adobe photoshop, adobe illustrator'. At the bottom right are 'CANCEL' and 'SAVE' buttons.

- **Design Principles:**

Strive for Consistency - Consistent color scheme, buttons, icons, and fonts. Navbar is kept the same throughout the website for ease of use and accessibility by the user.

Offer Informative Feedback - The details that have been updated are immediately visible after clicking the Save button.

Permit Easy Reversal of Actions - Updating previously entered personal information allows for easy reversal of actions. A user

can also cancel the operation if they do not want to update the details.

- **Interaction Style:**

Form Fill-In: Data entry is simple with the help of a fill-in-the-blanks format, it can be changed quickly and it is more convenient for the users.

- **Hierarchical Task Analysis:**

Goal: Allow user to update their profile.

Sub-Task-1: Update the First Name, Last Name, Username, Email, and/or About Me in the form.

Sub-sub-task-1.1: Enter the new ‘First Name’ (if an update is required)

Sub-sub-task-1.2: Enter the new ‘Last Name’ (if an update is required)

Sub-sub-task-1.3: Enter the new ‘username’ (if an update is required)

Sub-sub-task-1.4: Enter the new ‘email’ (if an update is required)

Sub-sub-task-1.5: Enter the new ‘About Me’ (if an update is required)

Sub-Task-2: Click the ‘Save’ button to save the changes.

5. Chats and Messages

- **Functionality:** -

- This is the messages page where the user can chat with other users in his network or with users open to messages and free connection.
- Users can also share any type of file with other users as there is an option of drag and drop. Users can also chat with each other by sending voice messages.

- **Photos of the Implementation:** -

The screenshot shows the 'Messages' screen of the OneSpace app. At the top, there is a navigation bar with 'OneSpace' and three tabs: 'My Feed', 'Find people', and a search bar. To the right of the search bar are icons for 'Post', a bell for notifications, a message icon, and a profile icon. Below the navigation bar, the title 'Messages' is centered above a search bar. On the left side, there is a list of five user profiles with their names, handles, and brief descriptions. On the right side, a large message states 'You don't have a message selected.' followed by a sub-instruction 'Choose one from your existing messages, or start a new one.' A blue button labeled 'New Message' is located at the bottom right of this area.

User Profile	Name	Handle	Description
	Gremory Jones	@jonesg2001	Software Developer, writer, ...
	Raj Shekhar	@_rajjjj	Pianist, traveller, vlogger, ...
	Jake Williams	@williams.jake01	Professor, researcher, Blogger, ...
	Adam Hales	@hales.adam	Father, Designer, Cook, ...
	Bella Harper	@bella_402	Mother, Cook, Entrepreneur, ...

Messages



Search

**Gemory Jones** @jonesg2001
Software Developer, writer, ...**Raj Shekhar** @_raj#
Pianist, traveller, vlogger, ...**Jake Williams** @_williams.jake01
Professor, researcher, Blogger, ...**Adam Hales** @hales.adam
Father, Designer, Cook, ...**Bella Harper** @bella_402
Mother, Cook, Entrepreneur, ...**Gemory Jones**@jonesg2001
Software Developer, writer, ...

Last seen 8.36pm

Hey There!

How are you?

Today, 8.30pm

Hello!

Today, 8.33pm

I am fine and how are you?

Today, 8.34pm

I am doing well, Can we meet tomorrow?

Today, 8.36pm

Yes Sure!

Today, 8.58pm



Type your message here...



Messages



Search

**Gemory Jones** @jonesg2001
Software Developer, writer, ...**Raj Shekhar** @rajiii
Pianist, traveller, vlogger, ...**Jake Williams** @williams.jake01
Professor, researcher, Blogger...**Adam Hales** @hales.adam
Father, Designer, Cook, ...**Bella Harper** @bella_402
Mother, Cook, Entrepreneur, ...**Gemory Jones**@jonesg2001
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Last seen 8.36pm

Hey There!

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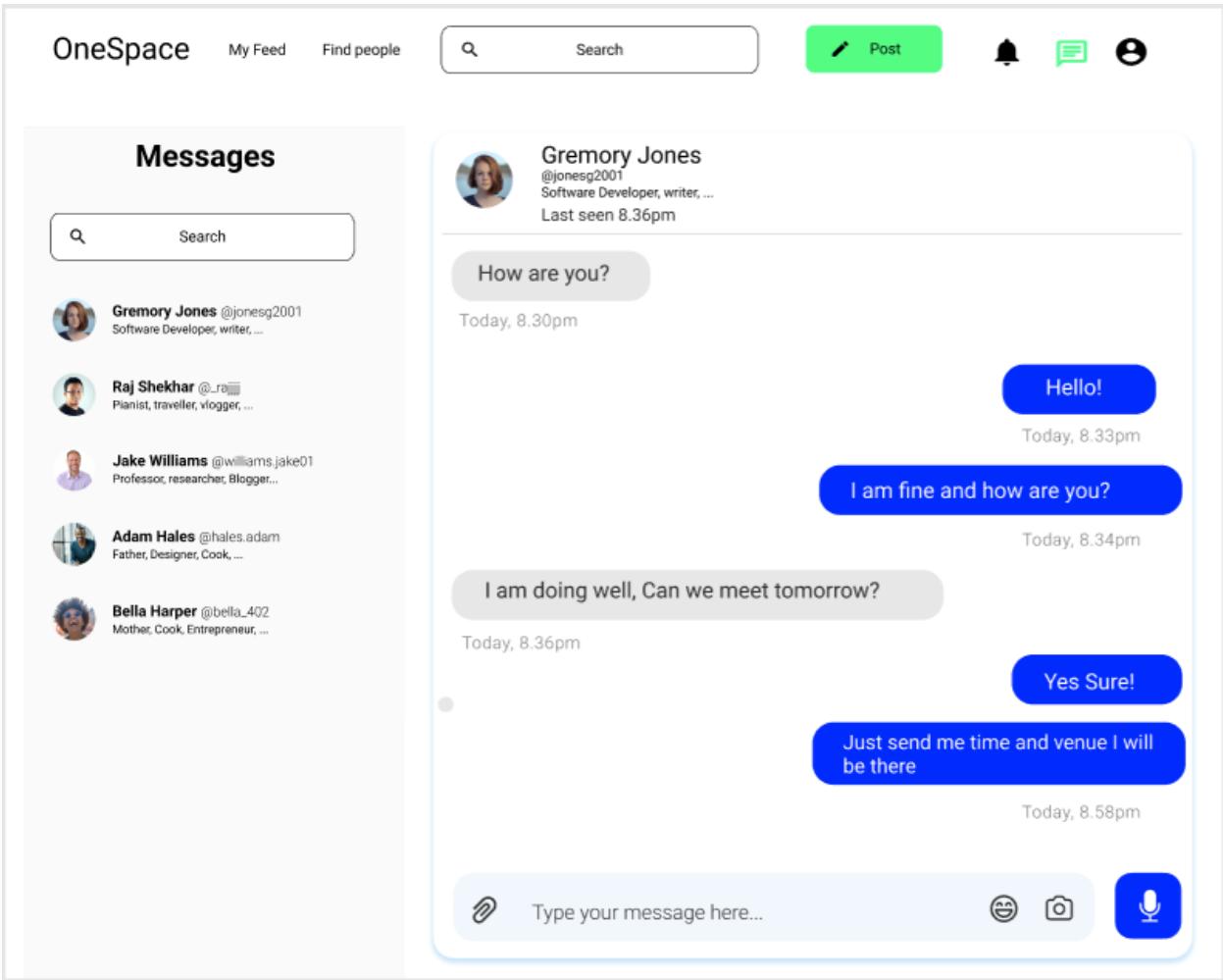
I am doing well, Can we meet tomorrow?

Today, 8.36pm

Yes Sure!

Today, 8.58pm

Just send me time and venue I will
be there



- **Design Principles:** -

Strive for Consistency - Consistent color scheme, buttons, icons, and fonts.

Offer Informative Feedback - The details like the timestamp of the message are immediately visible below the message.

Reduce Short Term Memory Load - In order to restrain users from remembering what they chat about with other people, the feature also includes chat history. Whenever the user opens the chatbox of another user, the chat history is displayed for the user to read and recollect important information. Moreover, the user also doesn't have to remember the recent list of people with whom he/she chatted. The feature will arrange all of them in the the recent order of chatting and list them on the left as shown

above.

- **Universal Usability:** -

Users with Disabilities - Users who are unable to type through a keyboard are provided with the option to record voice messages and send them.

- **Interaction Style:** -

Form-Fill in - Data entry is simple with the help of a fill-in-the-blanks format, it can be changed quickly and it is more convenient for the users.

Direct Manipulation - As there are some features like files drag and drop so it is simple to use along with being interactive, realistic portrayal, precise, and provides great satisfaction to the user.

- **Hierarchical Task Analysis:** -

Goal: To send messages to other users

Sub-Task-1: Select a user to chat with

 Sub-Task-1.1: Click on the search bar

 Sub-Task-1.2: Type in the user's name or username

 Sub-Task-1.3: Select a user from available options shown as search results.

Sub-Task-2: Send a message to the selected user

 Sub-Task-2.1: Inputting the message

 Sub-Task-2.1.1: Type in a message in the message box.

 Sub-Task-2.1.2: For voice message, click the mic icon and record the message

Sub-Task-2.1.3: Add emojis (if required)

Sub-Task-2.1.4: Attach files (if required)

Sub-Task-2.3: Hit Enter or press the send key.

6. Feeds Page (Like Posts, Follow Trending People shortcut, Post and View comments on a post)

- Functionality: -

- This is the Feeds Page of our OneSpace website. This would also be the landing page once the user logins or signup a new account. The Feeds page is responsible for displaying various posts and highlights by the other users.
- The Feeds page includes several important features, out of which we have currently made a few. The 3 most important features provided by the feed page are to “Like” posts, “Follow/Unfollow” trending people, and to Post and View comments on a post on the website.
- Like a post: At the bottom of every post, we have provided a button to like that particular post. The user just has to click the button based on the post. Currently, the default state of the button is neutral (i.e. no like from the user). As soon as the user clicks the button, the button gets highlighted in blue, and the like count of the post (present just above the like button on the post) increments by 1. The user is also given an option to revert to the neutral state by clicking the button again which would change its color back to black and decrement the previously updated like count by 1.

- Follow/unfollow Featured People: On the left side of the feeds page, we have provided a layout to the user which lets him/her know about the trending and popular people currently on the website based on his search interests, labels, and postings over the website. For instance - if the user mentions “software engineer” as one of his/her labels or if he searches or interacts with people with that label in the “Connect with People” section, the system will recommend the user about the top 5-6 trending users in the “software engineer” community on the feeds page. The user can also view more such users by clicking the arrow provided. The user can click the follow button to instantaneously follow a particular user over the Featured People section. He/She can also unfollow that user by clicking on the same button again. If the user wants, he/she can also select one of the labels from the “Trending Labels” section. The system will show trending people on a new screen based on the user’s selection of the label.
- Comment on Post - The user can view comments on the post by clicking on the number of comments written on the post. This would display comments written on the post at the bottom of the post box. The user can also write a comment on the post by clicking the post button, writing the comment, and clicking the “post” button in that section.

- Photos of Implementation: -

OneSpace [My Feed](#) Find people Search [Post](#) [Bell](#) [Message](#) [Profile](#)

Featured People →

-  **Gremory Jones**
Software Developer, writer, ... [Follow](#)
-  **Raj Shekhar**
Pianist, traveller, vlogger, ... [Follow](#)
-  **Jake Williams**
Professor, researcher, Blogger... [Follow](#)
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Father, Designer, Cook, ... [Follow](#)
-  **Bella Harper**
Mother, Cook, Entrepreneur, ... [Follow](#)

Trending Labels →

-  **Software Development**
-  **Coding**
-  **Mentor**
-  **Open Source**

 **Raj Mathur**
20th March, 2022 8:05 PM

Hello everyone! I am delighted to announce that I will be joining Fiocorp London as a Software Developer Expert. The news came after I completed my placements series at my university. I am really grateful to all my friends, parents and teachers, who guided me and motivated me in every point and scenario in my life.

On the contrary, I would also like to share another good news. I have successfully contributed and merged PR with VLC media player. It was tough PR as the issue I resolved was a serious one and gave me a sense of accomplishment when I merged it got merged by the repository management team. 🙌

<https://github.com/RajMathur/VLC/pull/1234>



150 likes 25 comments

[Like](#) [Comment](#)

System's reponse on hovering

Featured People →

- Gemory Jones** Software Developer, writer, ... [Follow](#)
- Raj Shekhar** Pianist, traveller, vlogger, ... [Follow](#)
- Jake Williams** Professor, researcher, Blogger, ... [Follow](#)
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[Like](#) [Comment](#)

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<https://github.com/RajMathur/VLC/pull/1234>



151 likes 25 comments

[Like](#) [Comment](#)

Like Count Updated

Like Button highlighted



Featured People →

**Gremory Jones**

Software Developer, writer, ...

Following

**Raj Shekhar**

Pianist, traveller, vlogger, ...

Follow

**Jake Williams**

Professor, researcher, Blogger...

Follow

**Adam Hales**

Father, Designer, Cook, ...

Follow

**Bella Harper**

Mother, Cook, Entrepreneur, ...

Follow

Trending Labels →

**Software Development****Coding****Mentor****Open Source****Raj Mathur**

20th March, 2022 8:05 P.M.

Hello everyone! I am delighted to announce that I will be joining Fiocorp London as a Software Developer Expert. The news came after I completed my placements series at my university. I am really grateful to all my friends, parents and teachers, who guided me and motivated me in every point and scenario in my life.

On the contrary, I would also like to share another good news. I have successfully contributed and merged PR with VLC media player. It was tough PR as the issue I resolved was a serious one and gave me a sense of accomplishment when I merged it got merged by the repository management team. 🎉🎉

<https://github.com/RajMathur/VLC/pull/1234>



150 likes

25 comments

Like

Comment



Featured People →

**Gremory Jones**

Software Developer, writer, ...

Follow

**Raj Shekhar**

Pianist, traveller, vlogger, ...

Follow

**Jake Williams**

Professor, researcher, Blogger...

Follow

**Adam Hales**

Father, Designer, Cook, ...

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Trending Labels →



Software Development



Coding



Mentor



Open Source

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<https://github.com/RajMathur/VLC/pull/1234>



150 likes

25 comments



Like



Comment

**Jamie Jamison**

Opensource Mentor @ GSSOC

Today, 12:52 P.M.

That's Amazing!

**Kyle Sharon**

Freelance Designer, Traveller, Vlogger

Today, 9:00 A.M.

Great Job!

**Ram Subramaniam**

Developer Advocate @ Briks, Opensource Contributor

Yesterday, 8:29 P.M.

Can you describe more about the feature/issue you solved?

[View More](#)

Featured People →

**Gremory Jones**

Software Developer, writer, ...

Follow

**Raj Shekhar**

Pianist, traveller, vlogger, ...

Follow

**Jake Williams**

Professor, researcher, Blogger...

Follow

**Adam Hales**

Father, Designer, Cook, ...

Follow

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Mother, Cook, Entrepreneur, ...

Follow

Trending Labels →



Software Development



Coding



Mentor



Open Source

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<https://github.com/RajMathur/VLC/pull/1234>



150 likes

25 comments

Like

Comment



Write your Comment

Post



Featured People →

**Gremory Jones**

Software Developer, writer, ...

Follow

**Raj Shekhar**

Pianist, traveller, vlogger, ...

Follow

**Jake Williams**

Professor, researcher, Blogger...

Follow

**Adam Hales**

Father, Designer, Cook, ...

Follow

**Bella Harper**

Mother, Cook, Entrepreneur, ...

Follow

Trending Labels →

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<https://github.com/RajMathur/VLC/pull/1234>



150 likes

25 comments

Like

Comment



That's Amazing!

Post

The screenshot shows the OneSpace platform interface. At the top, there's a navigation bar with 'OneSpace' and 'My Feed' (which is underlined in green), followed by 'Find people', a search bar, and a green 'Post' button. To the right of the post button are icons for notifications, messages, and profile.

Featured People

- Gremory Jones (Software Developer, writer, ...) - Follow
- Raj Shekhar (Pianist, traveller, vlogger, ...) - Follow
- Jake Williams (Professor, researcher, Blogger...) - Follow
- Adam Hales (Father, Designer, Cook, ...) - Follow
- Bella Harper (Mother, Cook, Entrepreneur, ...) - Follow

Trending Labels

- Software Development
- Coding
- Mentor
- Open Source

A detailed post from Raj Mathur is shown on the right:

Raj Mathur
20th March, 2022 8:05 PM

Hello everyone! I am delighted to announce that I will be joining Fiocorp London as a Software Developer Expert. The news came after I completed my placements series at my university. I am really grateful to all my friends, parents and teachers, who guided me and motivated me in every point and scenario in my life.

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<https://github.com/RajMathur/VLC/pull/1234>



150 likes 26 comments

Like **Comment**

Chris Patt
Software Engineer @ Google, Traveller, Mentor
Today, 5:25 PM

That's Amazing!

- Design Principles: -

Strive for Consistency - The layout of the page is made consistent in terms of font style, font size, color scheme, buttons, and icons. The navbar is kept consistent throughout the website for ease of use and accessibility.

Offer Informative Feedback - When the user hovers over a particular user card in the “Featured People” section, the card gets highlighted with a grey translucent background in response to the user’s action. Also, the color of the like and follow button changes upon clicking by the user. When a user clicks the follow button, the button text also changes from “Follow” to “Following” along with the color change of the button as shown above.

Permit Easy Reversal of Actions - The user can revert back his decisions easily and without any worries. For instance - The user can click the same Like button to like it as well as revert back once he/she has liked it. Similarly, he/she can use the Follow button to follow or unfollow someone.

Design Dialogues to Yield Closure - For commenting on the post, the user has to go through a well defined sequence of steps. He/She first has to click on the comments button, then type in the comment in the input field and then click on the "post" button of the comment form to submit a comment. After the user has successful submission, the comment will be displayed in the comments section as shown above. The comment will include several attributes like date and time, user's name, profile photo, etc.

- **Universal Usability:** -

Personality Differences - The list of people shown in the "Featured People" tab is in accordance with what a particular user searches, follows, or has shown labels off in his/her profile. All these activities reflect a user's personality. For instance - if a user is passionate about cooking or reading books, he/she would have kept the same labels on his/her profile and the same would be recommended by the system in the "Featured people" section. The section, thus, takes care of varied personalities in the target audience by enabling them to connect with each other through recommendations.

- **Interaction Style:** -

Menu Selection - This style of interaction is adopted in the “Featured People” section. The user is given a list/menu of users to select which ones he/she would like to follow.

Form Filling - This style of interaction is adopted in posting comments on a post. The user has to click the comment button followed by writing the comment in the input field and pressing the “post” button to submit (i.e. post) the comment.

- **Hierarchical Task Analysis:** -

Goal: Follow users recommended in “Featured people”

Sub-Task-1: Select a user to follow based on interests

Sub-Task-1.1: Hover over the user card in the section.

Sub-Task-1.2: Check out the user’s profile photo.

Sub-Task-1.3: Check out the user’s name.

Sub-Task-1.4: Check out the user’s short bio available below name.

Sub-Task-1.5: The user can also click the card to view the entire profile of the selected user.

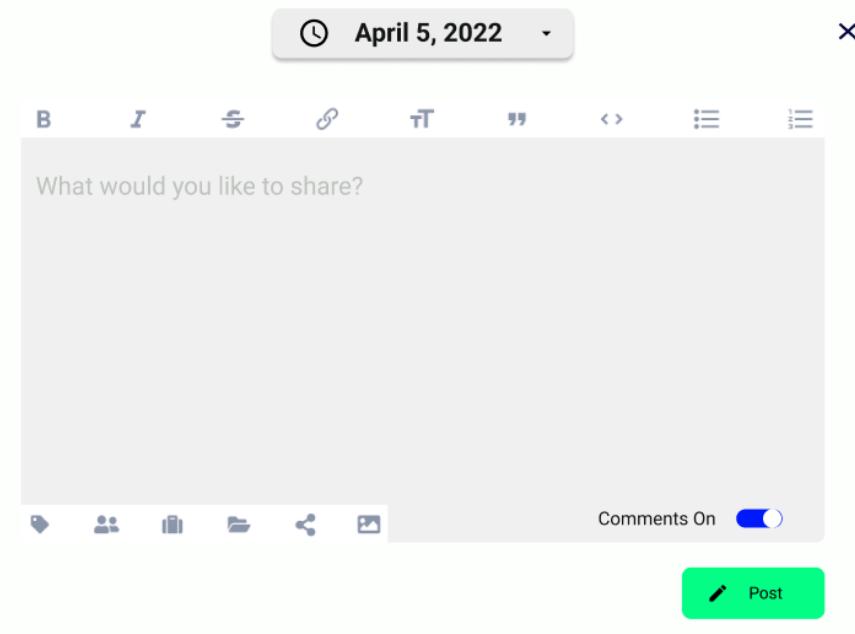
Sub-Task-2: Click the follow button available in the user card to follow the selected user.

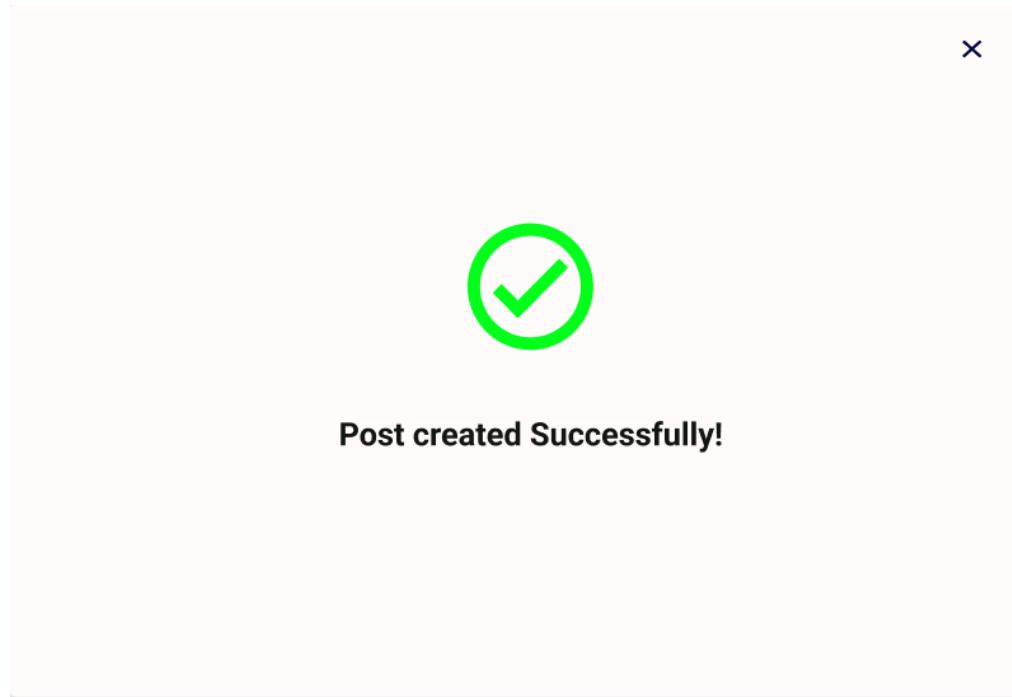
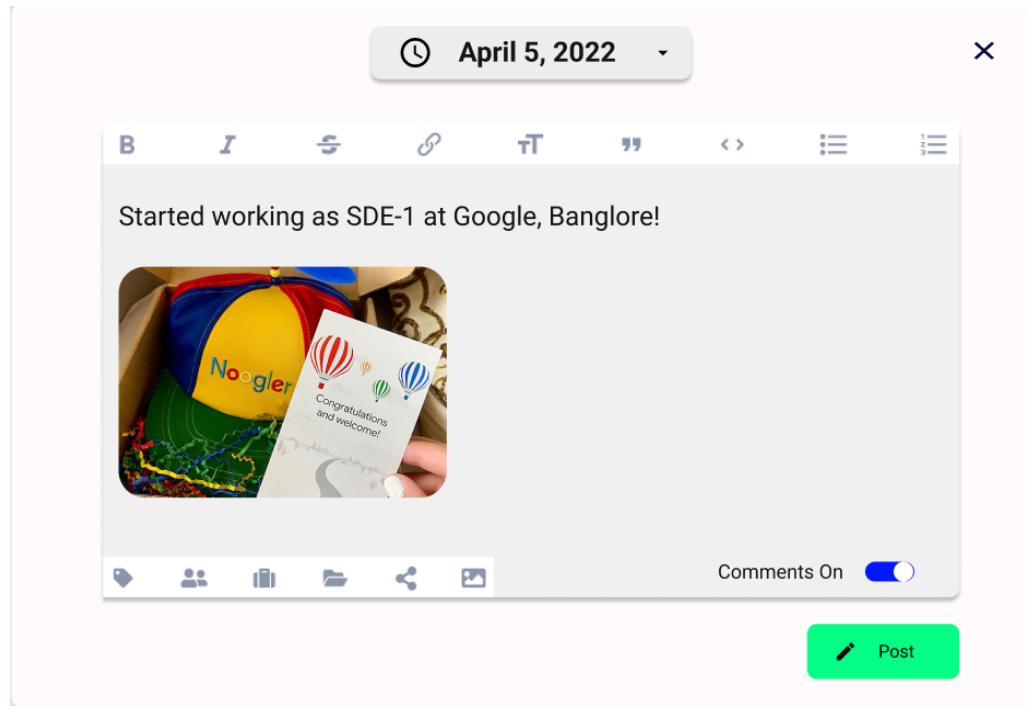
7. Create Post

- **Functionality:**

- The function allows the user to create a post and share their experiences with other users on the OneSpace social media platform.

- It also allows users to add images, insert links, tag other people, format the text, etc.
 - A post on the OneSpace social media is an experience, learning, or update shared by a user to other users of the platform.
-
- **Photos of the Implementation:**





- **Design Principles:**

Strive for consistency: It has a layout that is similar to other pages of the website. Similarity can be found in terms of font style, font size, color theme, icons layout, and pages-layout.

Permit Easy Reversal of Actions: While writing the post, the user can select or unselect text options such as bold, italic, etc.

- **Universal Usability:**

Personality Differences: Different users having different personalities like to share different content on their social media handles based on their preferences. For instance, a user might like to share his/her post with some images while other users might like to reshare the tweets he/she posted on Twitter. Thus, the post feature has various options like add image, tag people, add a link, etc. So, people can share the content they like on the OneSpace social media platform.

- **Interaction Style:**

Form Fill-in: The post creation feature allows data entry through which users can easily add their text to the post.

- **Hierarchical Task Analysis:**

Goal: Allow the user to create a post.

Sub-Task-1: Enter the details of the post.

Sub-sub-task-1.1: Add the text, image, link, etc that you want to add to the post.

Sub-sub-task-1.2: Apply the text options such as Bold, Italics, etc. to the text along with tagging other users (Optional).

Sub-Task-2: Click the 'Post' Button.

8. Notifications

- **Functionality:**

- The function allows the user to view notifications of the OneSpace social media platform.
- It also allows users to open the notification and also can help the user in navigating to the page of the notification.
- For example, if one of the users sends a message to another user then the other user can get the notification of the message.
- Also, a user can also navigate to the “Messages” page by clicking on the notification. The main purpose of the notification page is to inform or alert users about an event and encourage them to take action.

- **Photos of the Implementation:**

Notifications



Gremory Jones tagged you in a highlight
about 1 mins ago



Raj Shekhar sent you a message
about 10 mins ago



Jake Williams followed you
about 20 mins ago



Adam Hales tagged you in a highlight
about 30 mins ago



Bella Harper shared a post with you
about an hour ago

[View More](#)

Notifications



Gremory Jones tagged you in a highlight
about 1 mins ago



Raj Shekhar sent you a message
about 10 mins ago



Jake Williams followed you
about 20 mins ago



Adam Hales tagged you in a highlight
about 30 mins ago



Bella Harper shared a post with you
about an hour ago



Raj Shekhar shared a post with you
about 12 hours ago



Bella Harper shared a post with you
about a day ago

- **Design Principles**

Strive for consistency: It has a layout that is similar to other pages of the website. Similarity can be found in terms of font style, font size, color theme, icons layout, and pages-layout.

Visibility: When unread notifications are more visible, users are more likely to know what to do next. The user can also click on the notifications to be redirected to the page where the tasks will be completed.

- **Interaction Style:**

Menu Selection: In the feature, the user can select any notification and proceed further with that specific task. Thus, the menu selection interaction style enables easy decision-making for the user in this feature.

- **Hierarchical Task Analysis:**

Goal: Allow the user to see notifications

Sub-Task-1: To view the unread notifications

Sub-sub-task-1.1: In order to view the notifications the user has to click on the “bell” button in the navigation bar at the top of the window.

Sub-sub-task-1.2: After clicking the “Bell” button the user can see the unread notifications with the time below the notifications.

Sub-sub-task-1.3: The user can click on the unread notification.

Sub-sub-task-1.4: After clicking on the unread notification the user is redirected to the page where that notification can be viewed.

9. Find and connect with people

- **Functionality**

- This feature allows users to connect/follow each other on our OneSpace platform.
- The user can view the most featured people on the website and also follow them with just a click of a button.
- The user is displayed simplistic cards of other users which include their cover photo, profile photo, name, a short BIO, and a follow button.
- The user can follow someone by clicking the “follow” button. As soon as the user clicks it, it changes to the “following” button.
- The user can unfollow by clicking on this “following” button.
- When the user clicks on the cards of the user displayed on the screen, he/she will be redirected to their profile page, where the user can see different aspects of their profile like their profile photo, full bio, other labels, and timeline, tabs, and highlights, etc.
- The user can also search for other users on the platform on the basis of a combination of labels based on the user's interests. For this, the user has to select desired multiple labels from the dropdown list, click the find button and the results will be updated on the screen according to the selected labels.
- The user is also given the option to reset the results and navigate back to the original page by clicking on the “reset” button provided.

- **Photos of Implementation**

OneSpace

My Feed

Find people

Search

Post

Bell

Message

User icon

Find
Founders, Podcasters, Investors, Chef, ...

Featured People

Let's connect with amazing people and build your network!


Gemory Jones
Software Developer, Writer, ...
[Follow](#)


Raj Shekhar
Pianist, Traveller, Vlogger, ...
[Follow](#)


Jake Williams
Professor, Researcher, Blog, ...
[Follow](#)


Adam Hales
Father, Designer, Cook, ...
[Follow](#)


Bella Harper
Mother, Cook, Entrepreneur, ...
[Follow](#)


Chris Tucker
Frontend Dev, Blogger
[Follow](#)

[View More](#)

OneSpace

My Feed

Find people

Search

Post

Find

Founders, Podcasters, Investors, Chef, ...

Featured People

Let's connect with amazing people and build your network!

Gremory Jones
Software Developer, Writer, ...
Following

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Pianist, Traveller, Vlogger, ...
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Father, Designer, Cook, ...
Follow

Bella Harper
Mother, Cook, Entrepreneur, ...
Follow

Chris Tucker
Frontend Dev, Blogger
Follow

View More

OneSpace

My Feed Find people

Search... 

Post 

Find 

Search... 

Find
Founders, Podcasters, Investors, Chef, ...

Software Development Coding Mentor Open Source

Featured People

Let's connect with i...

Gremory Jones Software Developer, Writer, ... 

Raj Shekhar Pianist, Traveller, Vlogger, ... 

Jake Williams Professor, Researcher, Blog,... 

Adam Hales Father, Designer, Cook, ... 

Bella Harper Mother, Cook, Entrepreneur, ... 

Chris Tucker Frontend Dev, Blogger 

[View More](#)

OneSpace

My Feed Find people

Search... 

Post 

Find 

Software Development + Mentor 

Software Development Mentor Reset

Gremory Jones Software Developer, Writer, ... 

John Hastings Open Source @ VLC 

William Sheford SDE, Father, Investor 

Raj Sharma Software Dev, Mentor @ Invact 

Shivani Tyagi Frontend Dev, Mother 

Chris Tucker Frontend Dev, Blogger 

[View More](#)

- **Design Principles**

Strive for Consistency -

- a. The layout of the page is made consistent in terms of font style, font size, color scheme, buttons, and icons.
- b. The navbar is kept consistent throughout the website for ease of use and accessibility.

Offer Informative Feedback -

- a. When the user clicks on the follow button, the state of the button changes. Its text changes from “Follow” to “Following” and the color changes from a blue background with white text to white background with black text and black borders. The reverse occurs when the user clicks the button again.
- b. When the user clicks the “Find” bar, a filter menu of labels pops up in response to the user’s action (i.e. clicking the “Find” bar). In the search menu, when the user selects/clicks on an empty label tick mark box, its state changes and the box shows a white tick mark with blue background. The reverse happens when the user unselects the box (i.e. the box becomes empty again).
- c. In the navigation bar, the current tab where the user is currently present is highlighted with a green bottom border on the tab.

Permit Easy reversal of actions -

- a. A user can follow another user by clicking on the “Follow” button and can also unfollow him/her by clicking the button again.
- b. Once the user selects from the list of labels to filter the search results, the relevant search results are displayed along with the labels that the user selected (at the top of all search results). The user can revert back to the original state, i.e., undo and reset the filter labels by clicking on the “Reset” button.

- **Universal Usability Principles**

Personality Differences -

- a. The feature of searching and filtering users based on labels allows users with different personalities to interact with the system and follow and connect with one another.
- b. Users can search/filter for other users based on the desired labels. For example, a person who is an extrovert might like to find and connect with other people who share similar interests like a mentor, speaker, teacher, manager, etc.

- **Details of Interaction Style**

Menu Selection -

- a. The search menu provided for searching/filtering users is a list of labels from which users can select desired labels in multiple select fashions.

Form Filling -

- a. In the search menu, the user can also type in the keywords in the space provided to search for a particular label available.

Direct Manipulation -

- a. The use of various interactive buttons like “Follow”, “Reset”, etc. are made very realistic and easy to use without laying any cognitive overload on the user. A user just has to click on the button to accomplish the desired task.
- b. The card representation of users on the page is also made close to the real world. They are made in close accordance with real-world visiting cards which contain minimal and necessary information like photo/logo, name, bio, etc. This enables users to get a feel similar to real-world objects, thus, providing ease of usability and direct manipulation.

- **Hierarchical Task Analysis**

Goal - Filter and Follow users based on desired labels

Sub-Task 1: Filter the users based on labels

Sub-Task 1.1: Click on the “Find” bar present below the navbar.

Sub-Task 1.2: Select desired labels from the menu.

Sub-Task 1.3: Click on the select box on the right side of the labels to select them.

Sub-Task 1.4: Click on the “Find” button present at the bottom of the menu.

Sub-Task 2: Follow users from the search results.

Sub-Task 2.1: The user can check out the name, bio, profile photo, etc. from the resultant cards. If the user wants, he/she can also click the card to navigate to the profile page of the other user.

Sub-Task 2.2: Click on the “Follow” button to follow the respective user.

10. Privacy & Data Settings

- **Functionality**

- This is the Privacy & Data settings of the user. The user can access this page from the Edit Profile Page.
- The user can access the Privacy & Data Settings like Search Privacy, Store Contacts, Access to camera and microphone, etc.
- This feature lets the users access their privacy settings and also users can reset passwords.
- The Privacy Settings can be turned ON/OFF using the toggle button.
- The user needs to click the profile symbol on the top left side of the screen in order to open the edit profile page and then the user has to click on the “Privacy & Data”.

- **Photos of Implementation**

The screenshot shows the 'Edit Profile' screen of the OneSpace app. At the top, there is a navigation bar with 'OneSpace' and other options like 'My Feed' and 'Find people'. A search bar and a green 'Post' button are also present. Below the navigation, the title 'Edit Profile' is displayed, followed by a tab bar with 'Settings' and 'Privacy & Data' (which is underlined, indicating it is the active tab). The main content area is titled 'Privacy & Data'. It contains four settings, each with a toggle switch:

- Search Privacy**: Hide your account from search engine. The toggle switch is off.
- Store your contacts**: Allow access to your contacts. The toggle switch is off.
- Use your Activities**: Improving advertisements for you about the application on other sites that you may visit. The toggle switch is off.
- Camera & Microphone**: Allow access to Camera & Microphone. The toggle switch is on.

At the bottom of the screen, there is a blue 'Reset Password' button.

Edit Profile

Settings

Privacy & Data

Reset Password

Enter the email associated with your account and we'll send an email with instructions to reset your password

Email Address

chrisspatt105@gmail.com

Send Instructions

Edit Profile

Settings

Privacy & Data

Check your Mail

We have sent a password recover instructions to your email.

Open email

Skip, I'll confirm later

Did not receive the email? Check your spam filter or [try another email address](#)

OneSpace My Feed Find people

Search Post

Edit Profile

Settings Privacy & Data

Create New Password

Your new password must be different from previous used passwords

Password

••••••• Must be atleast 8 characters

Confirm Password

•••••• Both passwords must match

Reset Password

OneSpace My Feed Find people

Search Post

Edit Profile

Settings Privacy & Data

Create New Password

Your new password must be different from previous used passwords

Password

Chrs01 Must be atleast 8 characters

Confirm Password

•••••• Both passwords must match

Reset Password

The screenshot shows the OneSpace application interface. At the top, there is a navigation bar with links for "OneSpace", "My Feed", and "Find people". To the right of the navigation bar is a search bar with a magnifying glass icon and the word "Search". Further to the right are several icons: a green "Post" button, a bell icon, a message icon, and a profile icon. Below the navigation bar, the title "Edit Profile" is displayed. Underneath the title, there are two tabs: "Settings" and "Privacy & Data", with "Privacy & Data" being the active tab. The main content area is titled "Privacy & Data". It contains four settings, each with a descriptive label and a toggle switch:

- Search Privacy**: Hide your account from search engine. The toggle switch is off.
- Store your contacts**: Allow access to your contacts. The toggle switch is off.
- Use your Activities**: Improving advertisements for you about the application on other sites that you may visit. The toggle switch is off.
- Camera & Microphone**: Allow access to Camera & Microphone. The toggle switch is on.

At the bottom left, there is a message box with a green checkmark icon and the text "Password Reset Successfully!" followed by a close button (an 'X'). At the bottom right, there is a blue "Reset Password" button.

- **Design Principles**

Strive for Consistency - Consistent color scheme, buttons, icons, and fonts. The update screen is consistent with what the system shows when the user had updated the details for the first time.

Offer Informative Feedback - The details that have been updated are immediately visible after clicking the Reset Password button.

Permit Easy Reversal of Actions - A user can undo the operation by clicking on the toggle switch if they do not want to update the settings.

- **Details of Interaction Style**

Form-Fill in: Data entry while resetting passwords is simple with the help of a fill-in-the-blanks format, it can be changed quickly and it is more convenient for the users.

Direct Manipulation: The use of interactive buttons like toggle switches for each setting is very realistic and easy to use without laying any cognitive overload on the user. A user just has to click on the button to accomplish the desired task.

- **Hierarchical Task Analysis**

Goal - Allow the user to change their Privacy and Data settings

Sub-Task 1: To turn ON/OFF settings with the toggle switch.

Sub-sub-task-1.1: The user can turn ON/OFF their privacy & data settings by clicking on the toggle switch button for each setting.

Sub-sub-task-1.2: After Clicking on the toggle switch button the setting can be changed. For example, if the toggle switch button is on the left-hand side then it means that the setting is OFF and if the toggle switch button is on the right-hand side then it means that the setting is ON.

Sub-Task 2: To Reset/Change the Password of the user.

Sub-sub-task-2.1: In order to Reset/Change the password the user has to click on the “Reset Password” button.

Sub-sub-task-2.2: After clicking on the “Reset Password” button the user will be redirected to the “Reset Password”

page where the user has to give their email address in order to get instructions for resetting the password.

Sub-sub-task-2.3: After entering the email address the user has to click on the “Send Instructions” button and the user will be redirected to the page where the user will get an option to open their email.

Sub-sub-task-2.4: If the user clicks on “Open Email” then the user will be redirected to the email and the user has to click and open the link where the user can set their new password.

Sub-sub-task-2.5: If the user clicks on “Open Email” then the user will be redirected to the email and the user has to click and open the link where the user can create their new password.

Sub-sub-task-2.6: On the “Create New Password” page the user has to enter the new password and after confirming the user has to click on the “Reset Password”.

Sub-sub-task-2.7: After clicking on the “Reset Password” the user will be redirected to the initial “Privacy & Data” settings page and the user will be able to see the message “Password Reset Successfully” on the bottom left-hand side of the screen.

11. User Profile

- **Functionality:**

- The ‘User profile’ feature of One Space Platform allows the user to see their posts, tabs, bio, tagline, profile image, and cover image at a glance. It also allows ease of access to features like ‘Add Label’, ‘Add Post’, and ‘Add Tab’. Also, a

person can use features like 'View More' in Tabs and Timeline to see all their tabs and posts respectively.

- **Photos of Implementation:**

The screenshot displays the OneSpace social media platform interface. At the top, there's a navigation bar with 'OneSpace' logo, 'My Feed', 'Find people', a search bar, and a green 'Post' button. Below the header is a large circular profile picture of Chris Patt. To the left of the pic, his name 'Chris Patt' and handle '@chrisspatt0105' are shown, along with '238 Following • 101 Followers'. To the right, there's a Google logo with the text 'Software Engineer, Google'. Below the profile info, a bio states: 'Hello! I am Chris Patt, a Software Engineer at Google and a Computer Science graduate (2021) from USA. Learning new technologies, solving complex problems, building communities, travelling and public speaking excite me. I promote diversity and inclusion in communities. I also hosted my show Tech Talks to mentor people.' A '+ Add Label' button is present. The main content area is divided into two sections: 'Tabs' and 'Timeline'. The 'Tabs' section contains six cards: 'Achievements' (4 posts), 'Talks' (12 posts), 'Travel' (1 post), 'Open Source Contributions' (7 posts), 'Tweets' (30 posts), and 'View More'. The 'Timeline' section shows two recent posts: 'Hosted a Tech Talk on Twitter Spaces' (7 Feb, 2022) and 'Started working as SDE-1 at Google, London!' (15 Jan, 2022). A 'View More' button is located at the bottom of the timeline section.

- **Universal Usability Principles:**

Personality Differences: Users with different personalities may prefer to have different Tabs, Labels, and Cover images on their profile. Thus, OneSpace social media platforms allow users to edit

or add their preferred tabs, labels, and cover images to their profile.

- **Design Principles:**

Strive for consistency: It has a layout that is similar to other pages of the website. Similarity can be found in terms of font style, font size, color theme, icons layout, and pages-layout.

Reduce Short-term memory Load: The ‘User profile’ feature allows user to see all their posts (on the timeline), tabs, labels, etc at a glance. Thus, it reduces the short-term memory load on the user as the user can instantly see the post that he posted or the tab that he/she created in the past.

- **Interaction Style:**

Menu Selection: The menu selection option can be seen in the ‘Tabs’ and ‘Timeline’ sections of the user profile. The user can select and view details about the post or tab.

- **Hierarchical Task Analysis:**

Goal: Allow the see all the posts of a tab.

Sub-Task-1: Go to user profile

Sub-sub-task-1.1: Click the user icon on the top right corner of the navigation bar.

Sub-sub-task-1.2: Select the ‘My profile’ option from the drop-down menu.

Sub-Task-2: Select the tab (to view all the posts)

Sub-sub-task-1.1: Click on the ‘View More’ option of the Tabs

Sub-sub-task-1.2: Select the tab that you want in order to see all the posts of that specified tab.

12. Search

- **Functionality:**

- The ‘Search’ feature in the One Space social media platform allows users to search for people with similar interests and connect with them. The search feature for a keyword returns the posts and the people related to that keyword. For instance, if the keyword is ‘Rahul’ the search will return all the people having the user name or First Name or Last Name ‘Rahul’ and the post in which the keyword ‘Rahul’ was mentioned.

- **Photos of Implementation:**

OneSpace

My Feed Find people

Search: rahul

Post

Profile

Featured People

Gremory Jones Software Developer, writer, ... Follow

Raj Shekhar Pianist, traveller, vlogger, ... Follow

Jake Williams Professor, researcher, Blogger... Follow

Adam Hales Father, Designer, Cook, ... Follow

Bella Harper Mother, Cook, Entrepreneur, ... Follow

Rahul Sharma @rahul_s

Rahul Desai @rahulfortune

Ravi Rahul @jim_r

Rahul Patil @rahulp

Rahul Krishnan @rahul_krish

See All Results

Announce that I will be joining Fiocorp expert. The news came after I completed my graduation. I am really grateful to all my friends, family and motivated me in every point and share another good news. I have PR with VLC media player. It was tough PR as the issue I resolved was a serious one and gave me a sense of accomplishment when I merged it got merged by the repository management team. 🎉🎉

<https://github.com/RajMathur/VLC/pull/1234>

Trending Labels

Software Development

Coding

Mentor

Open Source

150 likes

25 comments

Like

Comment

Search Results for "rahul"

People



Rahul Sharma • @rahul_x
Software Developer, Writer, Vlogger



Rahul Desai • @rahulfortune
Content Creator, Blogger @ Medium



Ravi Rahul • @jim_r
Traveller, Father, Business Associate



Rahul Patil • @rahulp
Foodie, Frontend Developer @ Menty



Rahul Krishnan • @rahul_krish
Youtuber, Freelance Logo Designer

Posts



Vishnu Sarkar

20th March, 2022 8:05 PM

Hey guys! I hope you all are doing well and backing yourself. I am delighted to tell you all that me and my friend **Rahul Bishnoi** have secured 3rd place in the Smart India Hackathon finals.

It was a tough competition but we remained patient as a team throughout the hackathon and delivered our best. The judges were very happy on our project and appreciated the design and construction of our modular system based on Controlling and Managing Vehicular Traffics with the support of Artificial Intelligence.

Overall, it was a great experience participating in the competition and of course, getting a chance to visit their centre at New Delhi and competing with really smart people during the competition.

Looking forward to participating in more such brain-throbbing competitions.



150 likes

25 comments



Anita Sharma

20th March, 2022 8:05 PM

Hey folks! If you want to explore more on my art work and paintings, please do visit **Rahul Artworks** Exhibition, Chennai, on 27th and 28th April. See you there!

150 likes

25 comments

Search Results for "rahul"

People



Rahul Desai • @rahulfortune
Content Creator, Blogger @ Medium

Follow



Rahul Desai • @rahulfortune
Content Creator, Blogger @ Medium

Follow



Ravi Rahul • @jim_r
Traveller, Father, Business Associate

Follow



Rahul Patil • @rahulp
Foodie, Frontend Developer @ Menty

Follow



Rahul Krishnan • @rahul_krish
Youtuber, Freelance Logo Designer

Follow



Rahul Vijay • @rahul_vij
Backend Developer @ Sprints

Follow



Rahul Kashyap • @rahulsup
Product Engineer @ Byjus

Follow



Rahul Kishore • @writer_rahul
Writer "Life in a Minute", Investor

Follow



Rahul Patil • @rahulp
MLOps, Blogger, Entrepreneurship

Follow



Rahul Binod • @rahul_binod
Traveller, Blogger, UX Researcher

Follow

OneSpace My Feed Find people Search Post Bell Message Profile

Search Results for "rahul"

Posts

Vishnu Sarkar 29th March, 2022 8:55 PM

Hey guys! I hope you all are doing well in decking yourself. I am delighted to tell you all that me and my friend [Rahul Bishnoi](#) have secured 3rd place in the Smart India Hackathon finals.

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Overall, it was a great experience participating in the competition and of course, getting a chance to visit their centre at New Delhi and competing with really smart people during the competition.

Looking forward to participating in more such brain-throbbing competitions.

25 comments

Like

Anita Sharma 29th March, 2022 8:55 PM

Hey folks! If you want to explore more on my art work and paintings, please do visit Rahul Artworks Exhibition, Chennai, on 27th and 28th April. See you there!

25 comments

Like

John Hastings 29th March, 2022 8:55 PM

Met this amazing guy, [Rahul Kishore](#). Such an enthusiastic personality and a great writer. Recently, read his book, "Life in a minute" and believe me I am surprised by what it offers. Do give it a read! It's available at Amazon Kindle and Goodreads.

25 comments

Like

Rajiv Chaudhary 29th March, 2022 8:55 PM

I just love how KL Rahul plays. In my view, he is the best batsmen currently to play for India. Such a calm and composed captain. What do you folks think? Do let me know in comments!

25 comments

Like

- **Universal Usability Principles:**

Diverse Cognitive and Perceptual Abilities: The feature allows people having different abilities such as short-term or working memory to easily access the information they need. For instance, searching for a post having a specific keyword that they have seen a few days earlier.

- **Design Principles:**

Strive for consistency: It has a layout that is similar to other pages of the website. Similarity can be found in terms of font style, font size, color theme, icons layout, and pages-layout.

Offer Informative Feedback: After the user types the keyword in the search bar. The system offers feedback by displaying a dropdown based on user input and also feedback with a list of users and posts matching the keyword or displays that no posts or users match with the given keyword on a new screen when the user clicks “See All Results” option from the dropdown.

- **Interaction Style:**

Form Fill-in: The form-fill-in option in this feature allows users to easily enter the keywords in the search menu and get the results based on the keyword(s) entered.

Menu Selection: After the user enters the keywords in the search box, the system also displays a dropdown menu of best user results based on the keywords. The user can select from one of those users displayed as options in the dropdown and can visit the profile page of that user.

- **Hierarchical Task Analysis:**

Goal: Search for a person named ‘Rahul’

Sub-Task-1: Type the keywords in the search bar

Sub-sub-task-1.1: Click on the search icon

Sub-sub-task-1.2: Type the keyword(s) in the search bar.

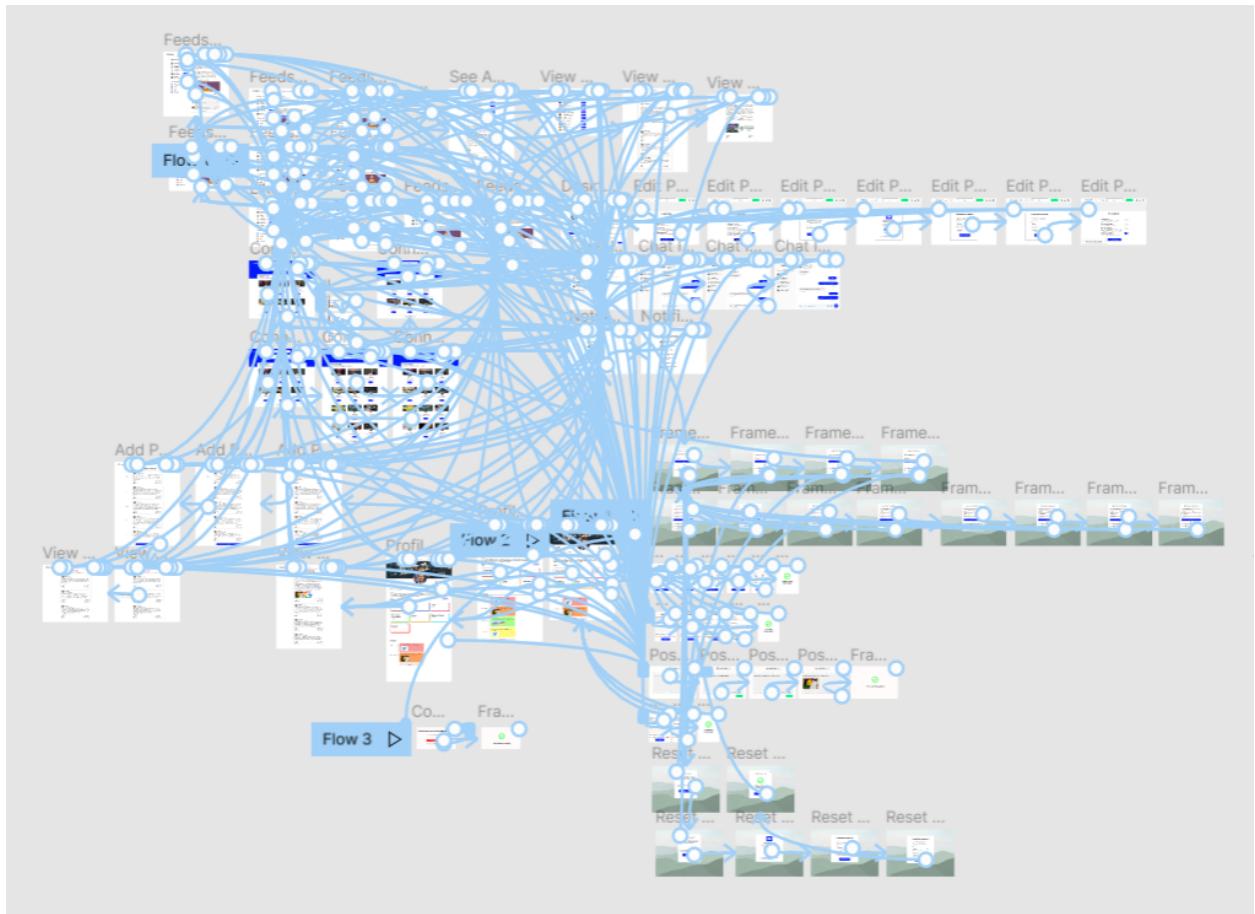
Sub-Task-2: Get the complete list of people named 'Rahul'

Sub-sub-task-1.1: Click on the 'View all' option in the user lists

Sub-sub-task-1.2: Select the user (that you want from the list). The system will redirect the user to the selected user's profile page.

Integration of all Features





All the features are integrated properly with one another. Each page (except signup and login) has a navbar to access various buckets/tabs of our website for information. We have kept about 7 options in the navbar - My Feed, Find People, Search bar, Post button, chats and messages button, notifications button, and user profile options. The Post button is provided on the navbar as it allows ease for the user to post anything that he/she likes wherever he/she is present on the website. The dropdown for user profile options includes the following options - My Profile, Edit Profile, and Logout. For each page, the navbar is in sync with their corresponding pages. This will enable the user to access any available page directly through navbar tabs and also provide him/her with ease in navigation all throughout the website. We have also tried to get our hands dirty with animations while

prototyping features in order to make our website as beautiful, interactive, and user-friendly as possible. All the aspects of a particular feature are linked and prototyped properly with one another. We have successfully developed designs of 12+ features, and as is evident from the wireframe image above we have built about 50+ pages. We also developed about 15+ overlays to support various features for our OneSpace product. We have tried to make the high-fidelity prototype of our product as close and effective to a practically implementable one.

Chapter-5 Difficulties Encountered and Resolved

- **Broken Links:** Broken links on the website are links that do not work, whether they are links that direct visitors to a page of the website or links that lead to a page on the website. When the user clicks on a broken link, it takes to a 404 page, where the user sees a message stating that the page you requested could not be found. Broken links can cause a number of problems. If a visitor clicks on a link and it doesn't take them to where they expected to go, they will be frustrated. This has a negative impact on the website and brand. How can visitors trust the quality of your brand if you can't keep your website up to date? There was a lot of work pending on fixing the broken links while implementing the prototype in Figma. There were many pages where we had to fix the problem of broken links and also we had to add new pages so that user is redirected to different pages easily through links. So we added different pages and provided links so that users can navigate easily.

- **Offering informative Feedback:** Offering an informative feature refers to a feature of an application in which the system gives feedback for every user action. On the OneSpace social media platform, users can perform various actions such as creating a post, adding or removing a label, creating or deleting a tab, resetting passwords, etc. Thus, to provide users with informative feedback for all these actions, we designed specific pop-ups or pages indicating to the user whether the task he/she was trying to perform is accomplished or not. For instance -when a user adds a new post to the tab, he/she has to be informed that posts are successfully added otherwise the user will get confused about the result of his actions. Hence, we explicitly created a popup for this to inform the user that posts are successfully added to the tab.
- **Logging the User out:** This won't seem like an obvious option to be kept. Once the user is logged in, it's all about how the user has to interact with the system. So, initially, we only created the feature for users to log in, sign up and reset their password before entering the system. But eventually, we felt a need for the user to log out of the system. This was needed when we have to test the system completely right from the beginning. When we were somewhere in the middle of testing and needed to go back to the login screen, there was no option available but to manually scroll back to the screen. Hence, in order to resolve this issue, we thought of making a logout option on the navbar itself as the navbar is available on every screen so it would be easier for user to just click on the logout option on any screen he/she is

currently and escape to the login screen. This would also in turn allow the user to log out of the system in the case when he/she uses someone else's machine.

Chapter-6 Real Life Implementation Perspectives

- **Privacy, security, and legal threats:** Our project, "OneSpace" is a platform where users can share about their work, life, current activities, achievements, etc. In short, anything they like to share. Users can create a collection of their experiences and display them on their profiles on our website. For instance, travel experiences, career updates, blog posts, achievements, etc. As a community grows, it becomes a more appealing target for hackers and others who want to cause harm to it. Many personal details about community members may be stored in a community, which must be kept private. Members of the community may take legal action against the community if these details are made public. This is linked to the legal issues that arise when establishing a community. Members may post illegal material, or the community may violate data privacy laws in various member countries. This can be a major issue if we implement this project in real life. The solution to this problem is to develop a high-level security website so that users can use the platform safely.
- **Scalability issues:** Scalability issues in a web application occur when the backend of an application can't scale at the same rate at which the users are joining the application. Scalability issues in the application can slow down the application performance and can create a bad user

experience. The potential scalability issues for the OneSpace social media platform can be application code and hardware resources. The application code could have been written in a single thread and thus a large file from the user, in this case, can create an impact on the whole system. Hardware resources are limited and if the platform scales rapidly then all the hardware resources such as servers will be needed to be upgraded in order to match the rate of the scale of a user joining and using the OneSpace social media platform. So, in order to keep the user experience good and scale the platform continuous changes in application code and hardware resources would be needed. In the future, cloud services can also be taken into account to scale the platform at a huge level.

- **Authenticity of Information** - OneSpace acts as a social media platform where users can share their portfolios with other users and connect with them. One of the main issues with most of the social media platforms today is related to the validation of the work the user is suggesting through his/her portfolio. For instance- the user can mention that he/she has served as the Director of UI/UX at Google in his profile, but how would someone visiting the user's profile page and reading this information test if the information is correct or not. This can be a big, real issue when users make fake profiles over the platform and fool people for money. One of the solutions to the

problem could be a direct check of the information by the organization itself or submitting a proof of work document by the user when he/she enters any such information on his/her profile. The system can then tell other users whether the information is certainly correct or not.

Chapter-7 References

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6. LinkedIn: <https://www.linkedin.com/>
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