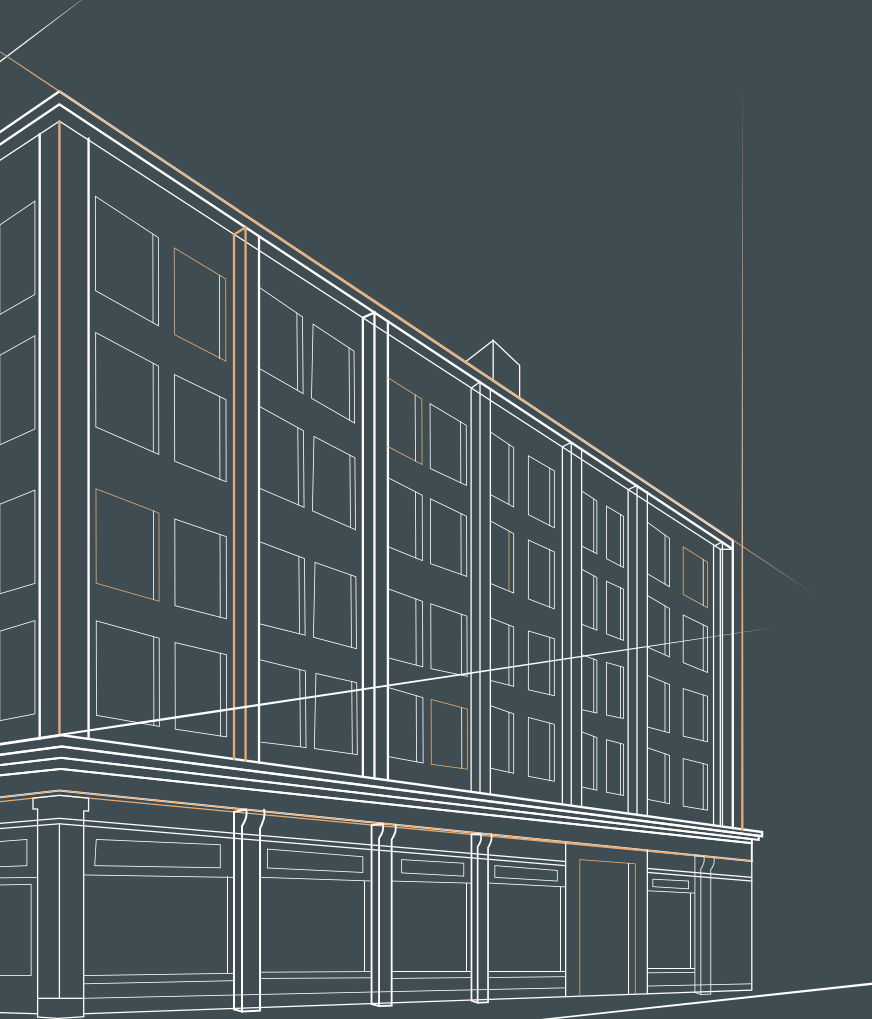


The background is a dark blue-grey color. It is decorated with various geometric shapes in orange and white. There are circles of different sizes, some with dotted patterns inside. There are hexagons, some solid orange and some white outlines. There are also triangles and lines. Some shapes are partially cut off by the edges of the frame. The overall aesthetic is modern and minimalist.

# OneSpace

A platform to cover all your personality boxes

By  
Devanshu



# Motivation & Project Overview

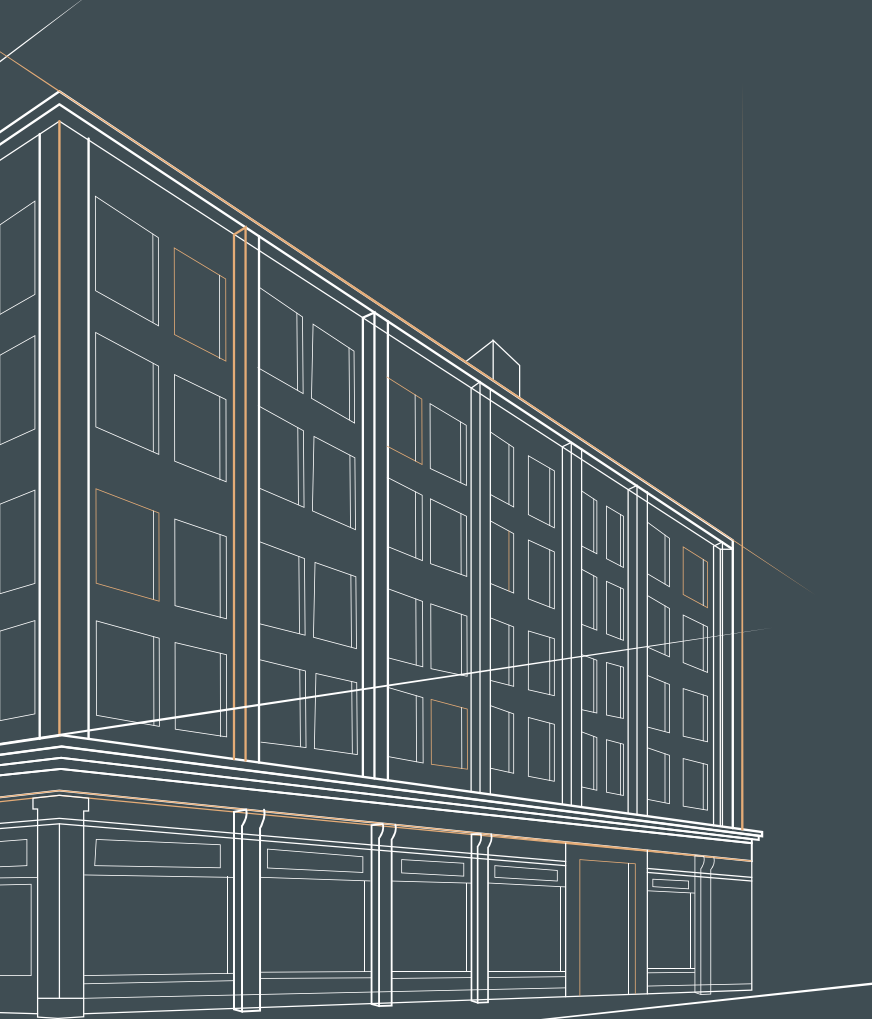


# Motivation

- To create a social media platform that encourages user to share all the aspects of their personalities.
  - LinkedIn- Job openings, professional networking, etc.
  - Instagram- daily events, images, videos, etc.
  - Twitter- sharing views about current issues, interesting findings, etc.
- Applying HCI design principles and prototyping rules learned to create design of practically implementable application.

## ..... Project Overview .....

- Name of the website: OneSpace
- Focus: Social media
- Tools used: Figma
- Features:
  - SignUp/Login
  - Add Label (Label- Keyword associated with user personality)
  - Add Tab/Edit Tab/Delete Tab/Add post to Tab (Tab- Collection of posts)
  - Edit Profile
  - Chats and Messages
  - Feed Page
  - Create Post
  - Notifications
  - Find and connect with people
  - Privacy and Data settings
  - User profile
  - Search



# BEST FEATURES

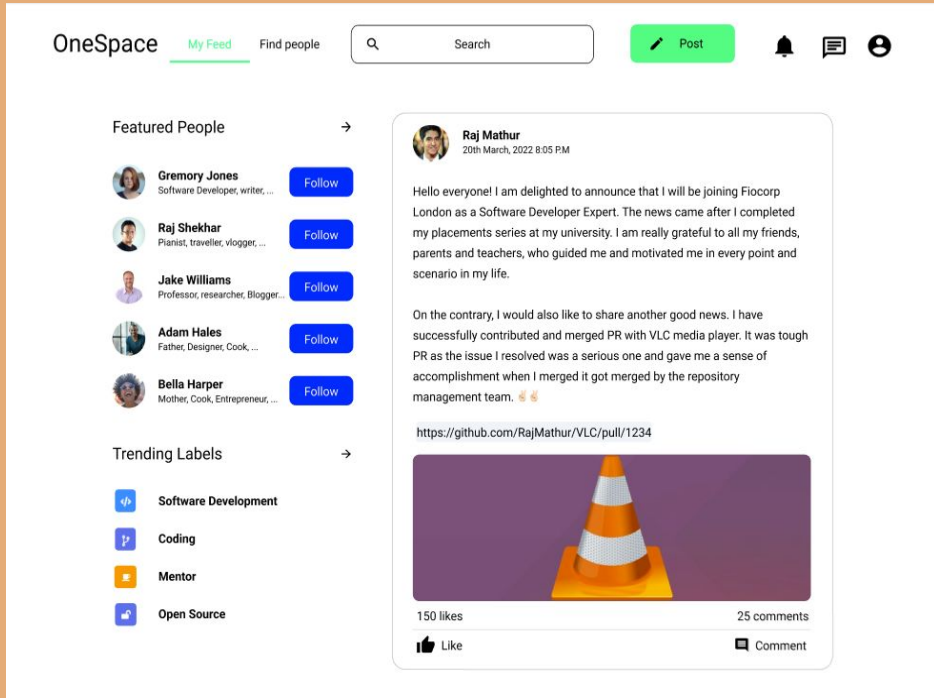
**Feed**  
**User Profile**  
**Messages**



# Feed

## Functionality

- Like a post
- Follow/Unfollow Featured People
- Comment on Post
- View Comments on Post



## Universal Usability

→ Personality Differences

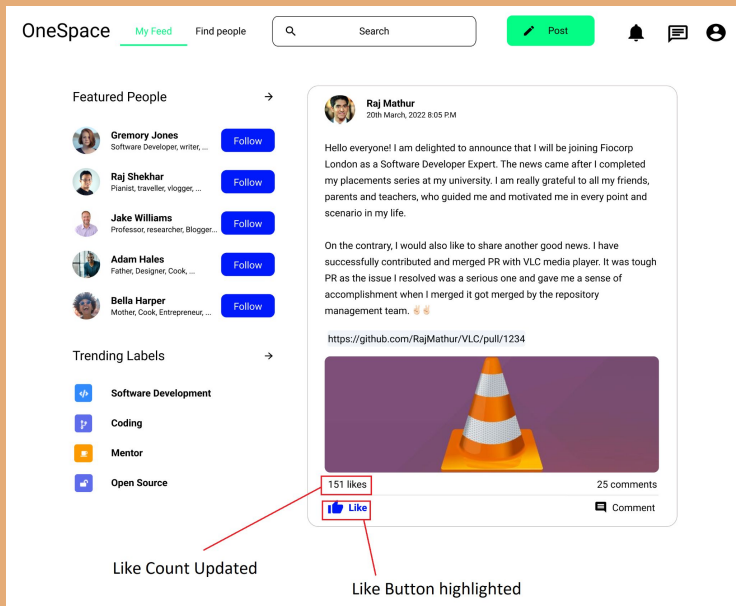
## Design Principles

- Strive for consistency
- Offer Informative Feedback
- Permit Easy Reversal of Action
- Design Dialogues to Yield Closure

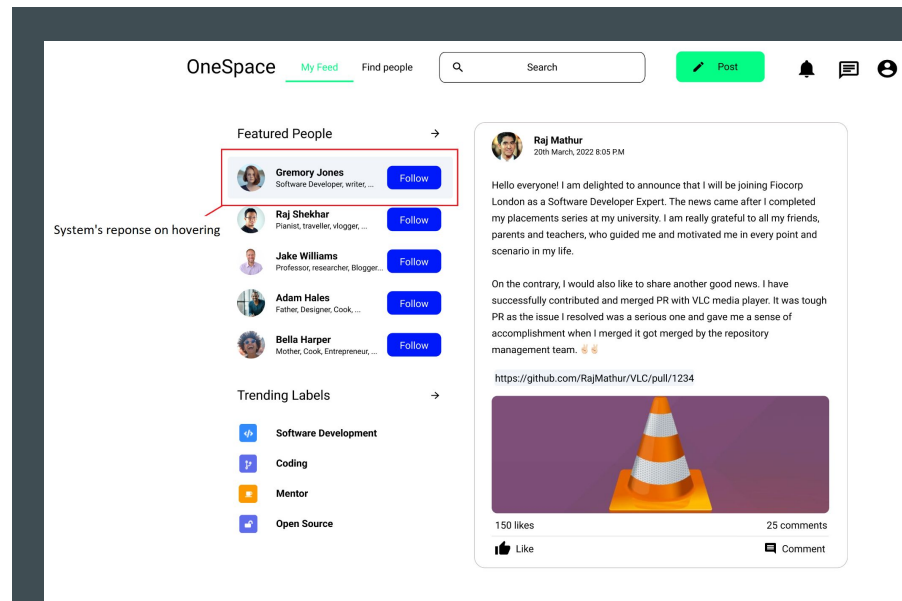
## Interaction Style

- Menu Selection
- Form Filling

# Implementation



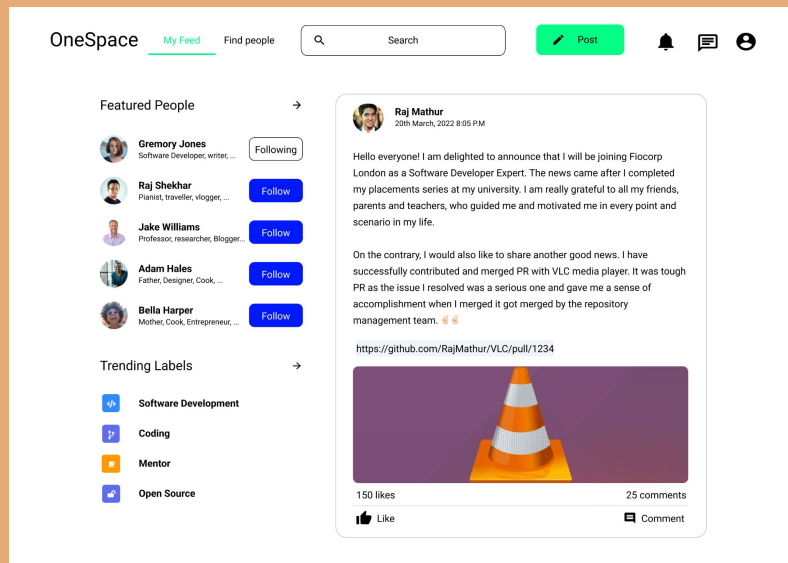
Dislike/Like a Post



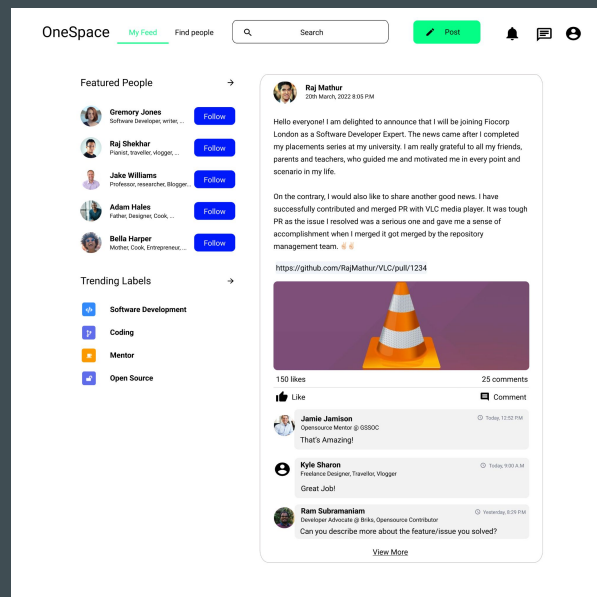
Hover effect



# Implementation

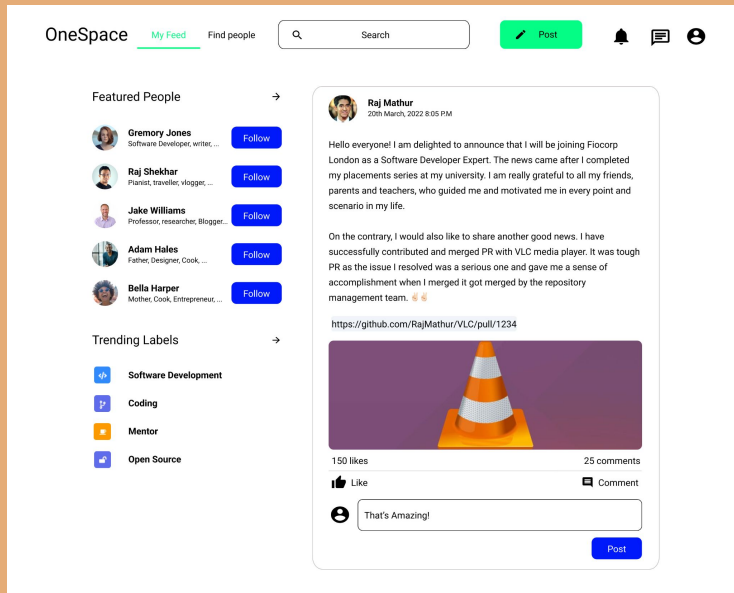


Follow Featured People

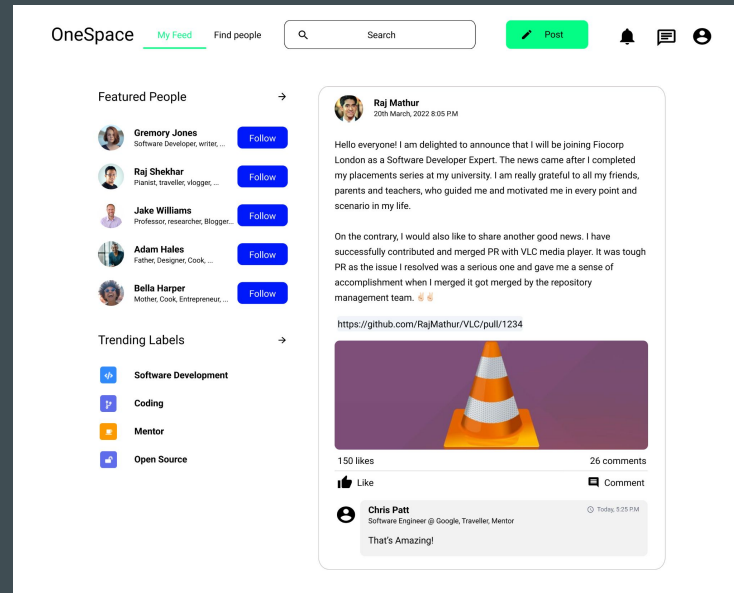


View Comments

# Implementation



Write a Comment

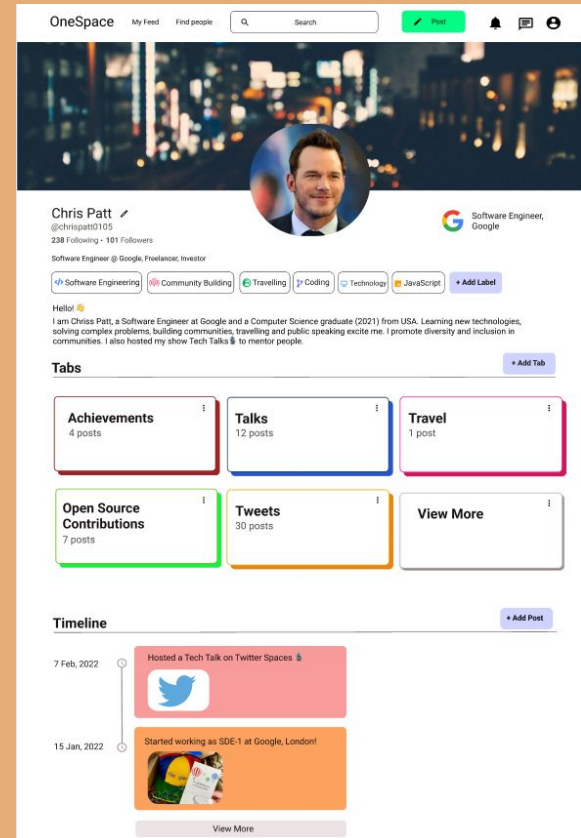


Posted Comment

# User Profile

## Functionality

- Allows user to see their posts, tabs, bio, tagline, profile image, and cover image at a glance.
- Ease of access to other features like Add Label, Add Post, and Add Tab.
- 'View More' in Tabs and Timeline enables user to see all their tabs and posts.



## Universal Usability

→ Personality Differences

## Design Principles

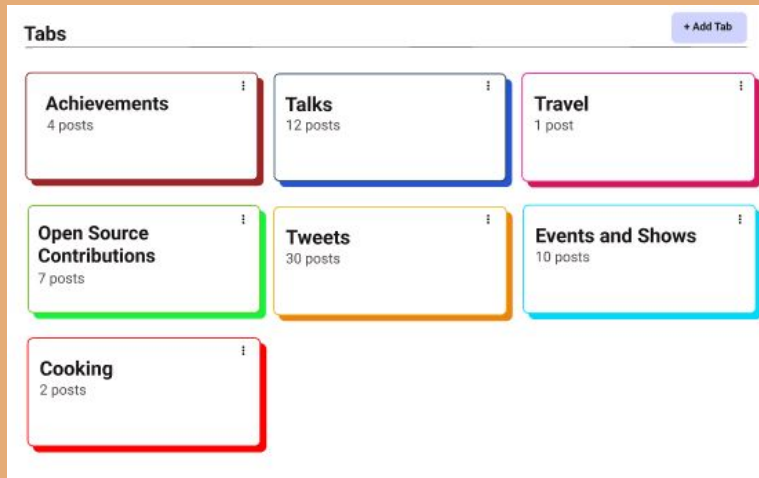
→ Strive for consistency

→ Reduce Short-term memory Load

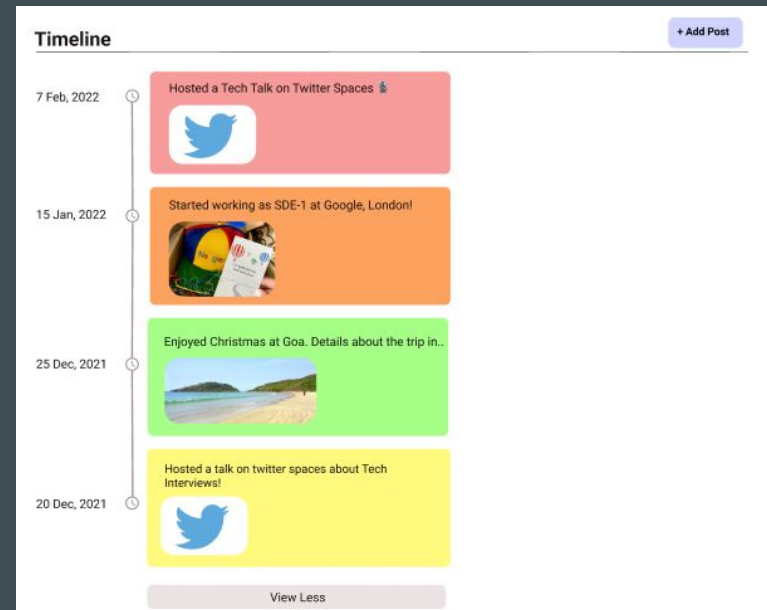
## Interaction Style

→ Menu Selection

# Implementation

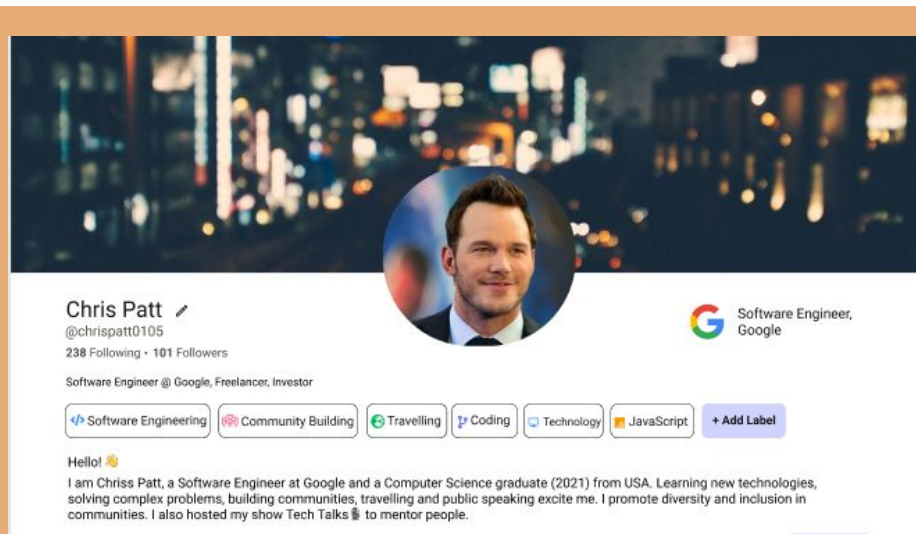


'View More' in Tabs



'View More' in Timeline

# Implementation



Username, Headline, Followers, Following, Profile Image, Cover Image, Labels and About

### Add a new Tab

Tab Name

Description

Enter the Tab description

Select Tab's cover color

●●●●●●●●●●

Add Tab

### Add new Label

Search for labels

Software Engineering

Travelling

Community Building

Blog Writer

Freelancing

Book Reading

Add Label

Access to 'Add New Tab' and 'Add New Label'

# Implementation

A screenshot of the 'Add Post' interface in the OneSpace application. At the top, there is a date selector showing 'April 5, 2022' with a dropdown arrow and a close button (X). Below this is a rich text editor toolbar with icons for bold (B), italic (I), underline (U), link, text color, background color, bulleted list, and numbered list. The main text area contains the placeholder text 'What would you like to share?'. At the bottom of the text area, there is a 'Comments On' toggle switch which is currently turned on. Below the text area is a row of icons for adding media: a link icon, a person icon, a document icon, a folder icon, a share icon, and a photo icon. A green 'Post' button with a pencil icon is located at the bottom right of the interface.

Access to 'Add Post'

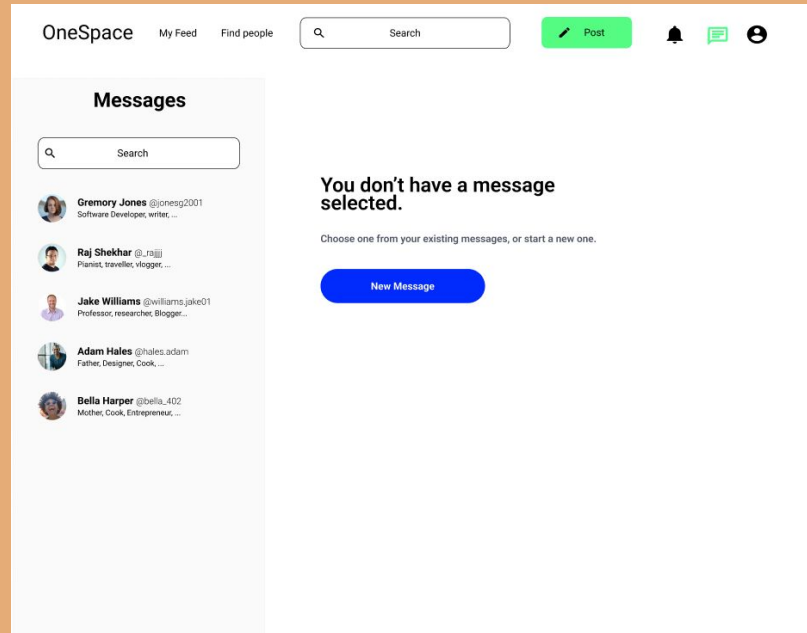
A screenshot of the 'Edit Profile' interface in the OneSpace application. The header shows 'OneSpace' and navigation links for 'My Feed' and 'Find people', along with a search bar and a green 'Post' button. The main heading is 'Edit Profile' with tabs for 'Settings' and 'Privacy & Data'. The profile section on the left displays a circular profile picture of Chris Patt, his name 'Chris Patt', and his handle '@chrisspatt0105'. Below this, it shows '238 Followers' and '101 Following'. There is a blue 'Upload New Avatar' button and the location 'NewYork, USA' with the bio 'Software Engineer @ Google, Freelancer, Investor'. The 'BASIC INFO' section on the right contains form fields for 'FIRST NAME' (Chris), 'LAST NAME' (Patt), 'USERNAME' (@chrisspatt0105), 'EMAIL' (chrisspatt105@gmail.com), 'JOB TITLE' (Web Designer), and 'COMPANY' (Google). There is also a 'BIO' field with the text 'Software Engineer @ Google, Freelancer, Investor'. An 'ABOUT ME' section contains a text area with the bio 'I'm Software Engineer, I work in programs like figma, adobe photoshop, adobe illustrator'. At the bottom right, there are 'CANCEL' and 'SAVE' buttons.

Access to 'Edit profile'

# Messages

## Functionality

- 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.





## Universal Usability

→ Users with Disabilities

## Design Principles

→ Strive for Consistency

→ Offer Informative Feedback

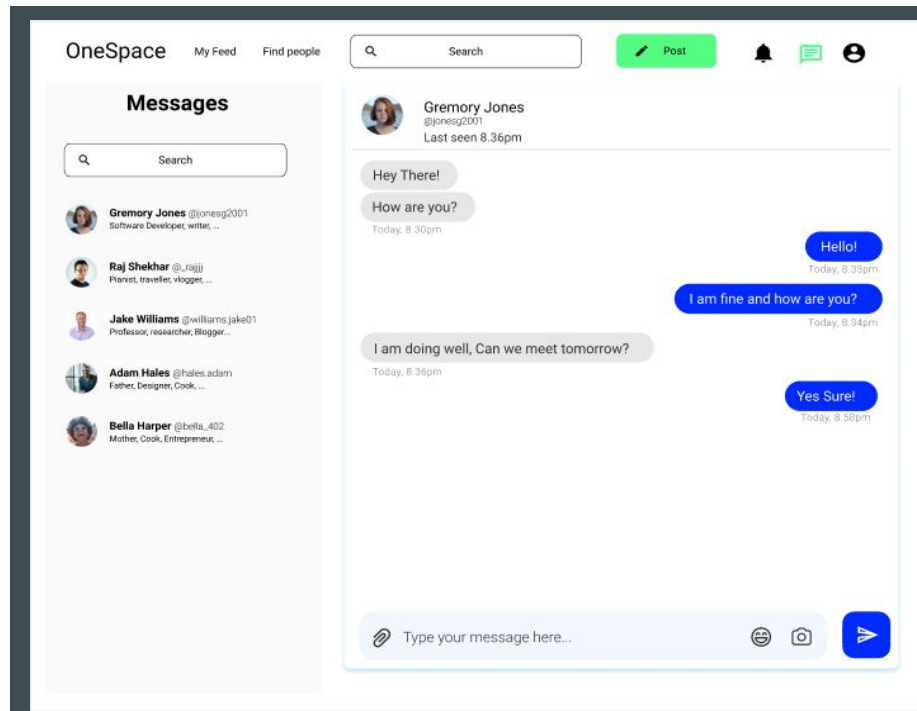
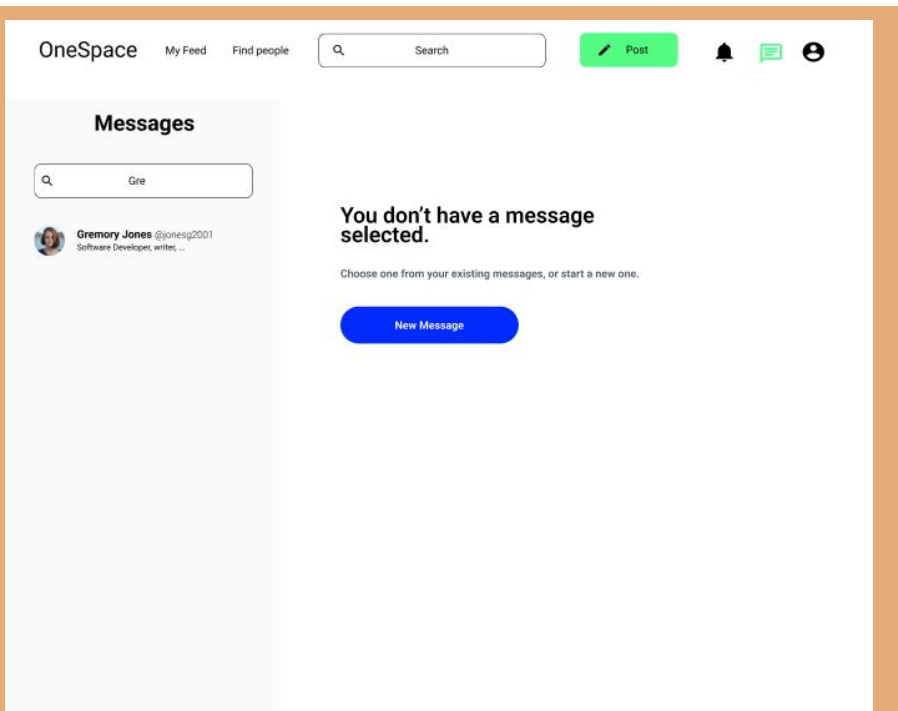
→ Reduce Short Term Memory Load

## Interaction Style

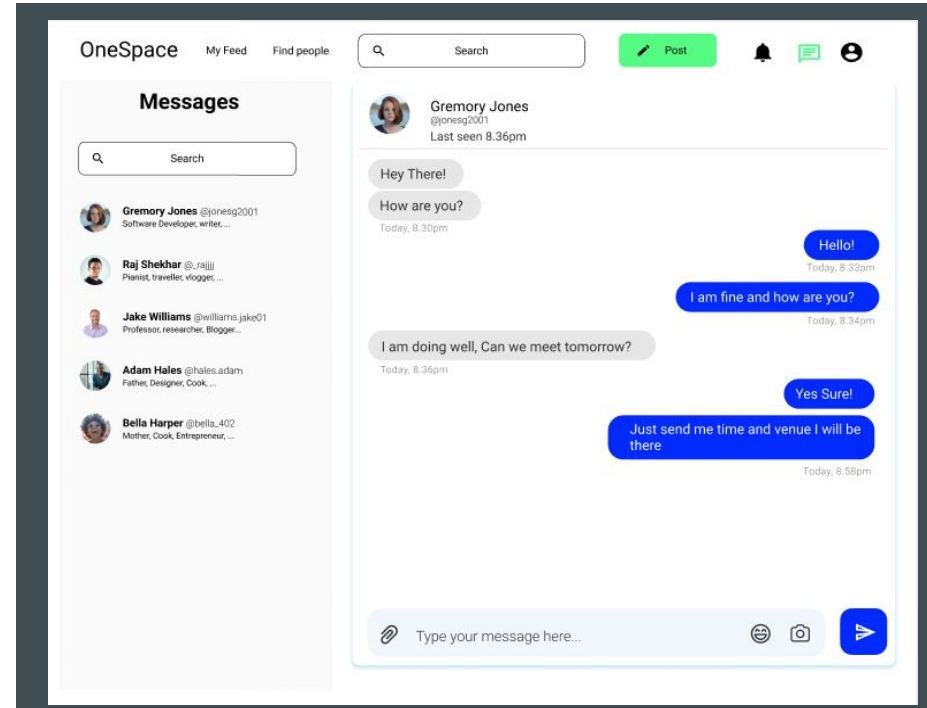
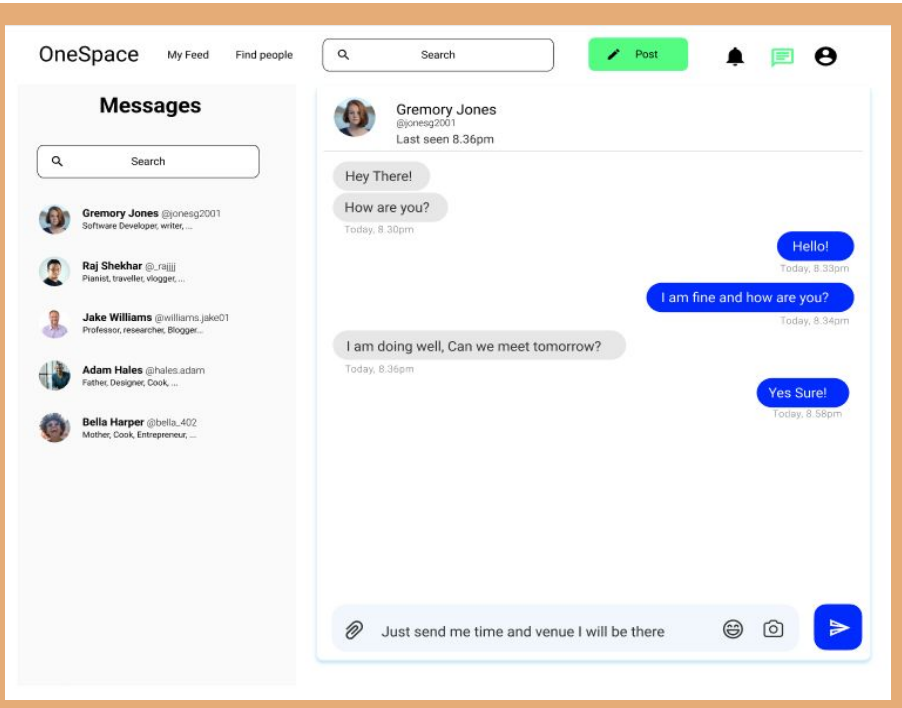
→ Form Fill in

→ Direct Manipulation

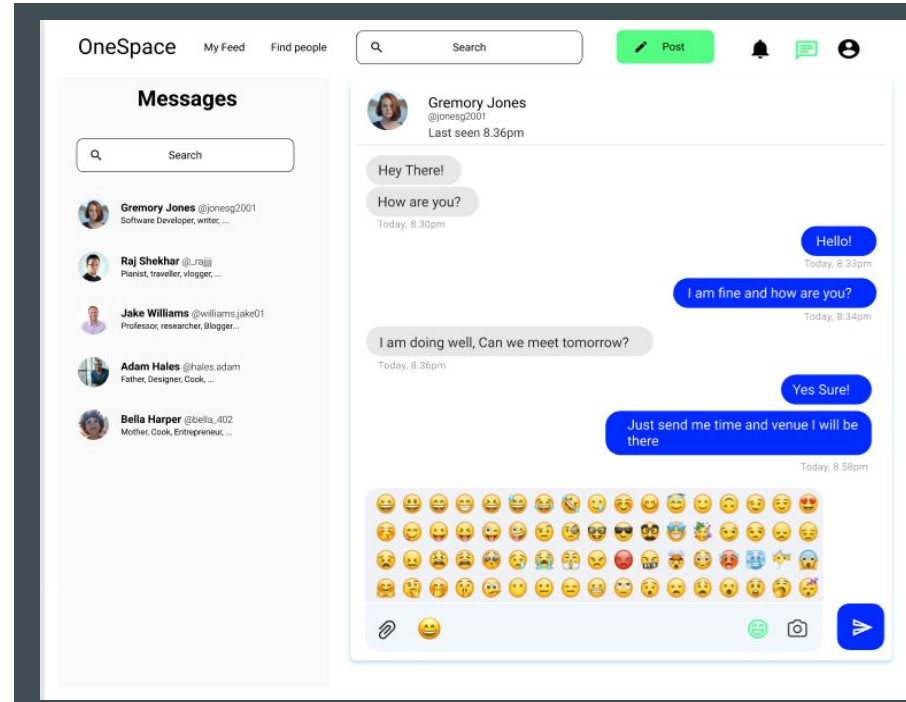
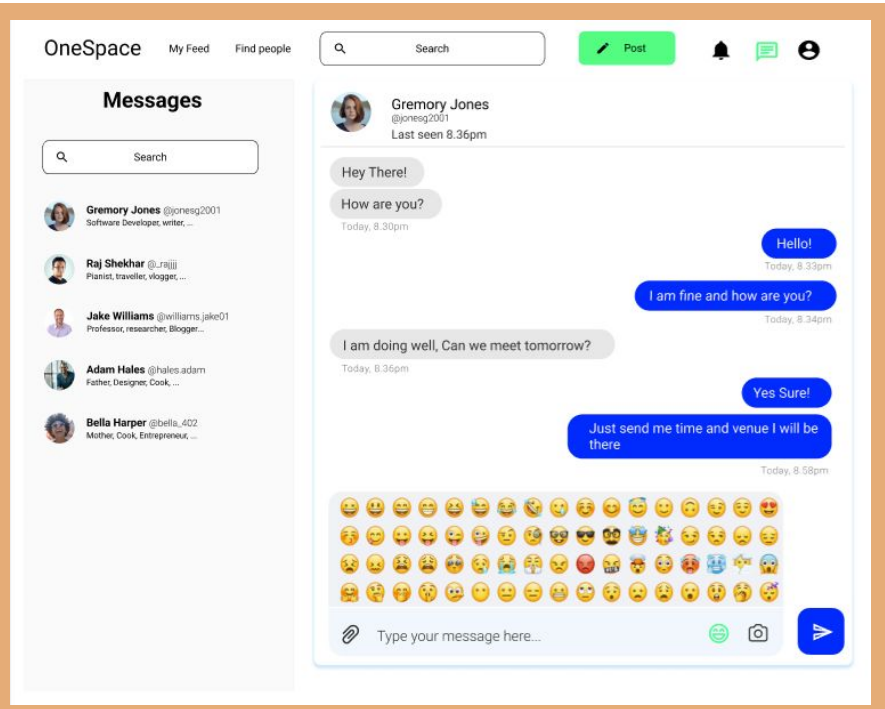
# Implementation



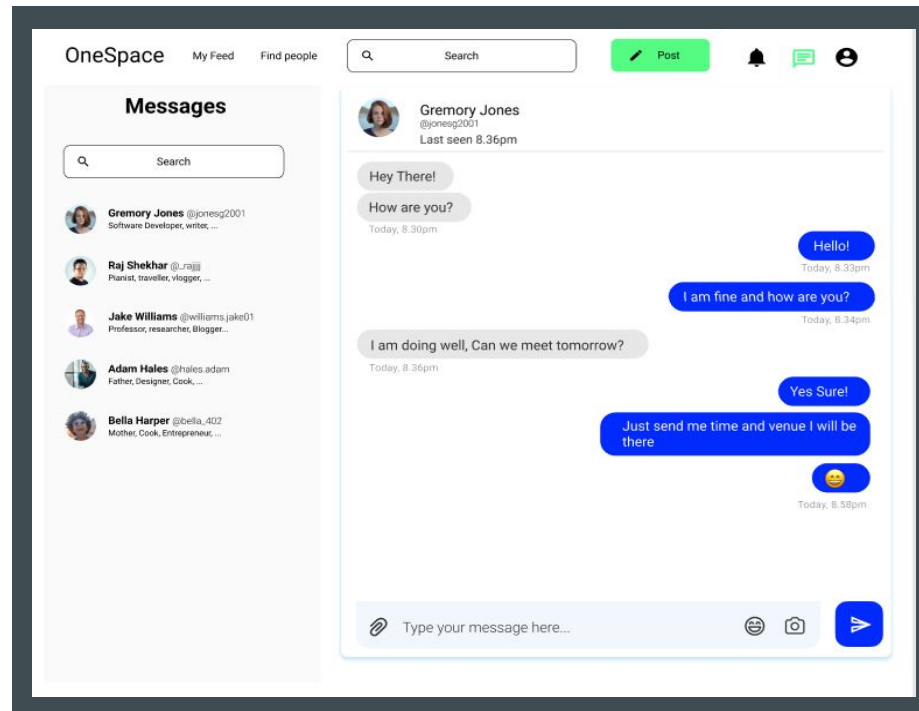
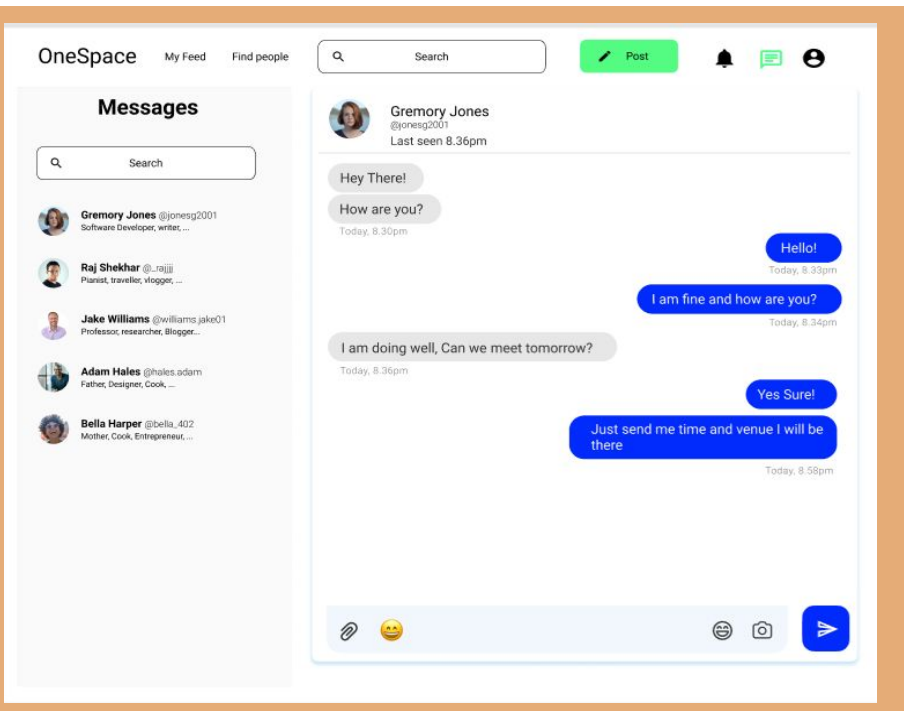
# Implementation

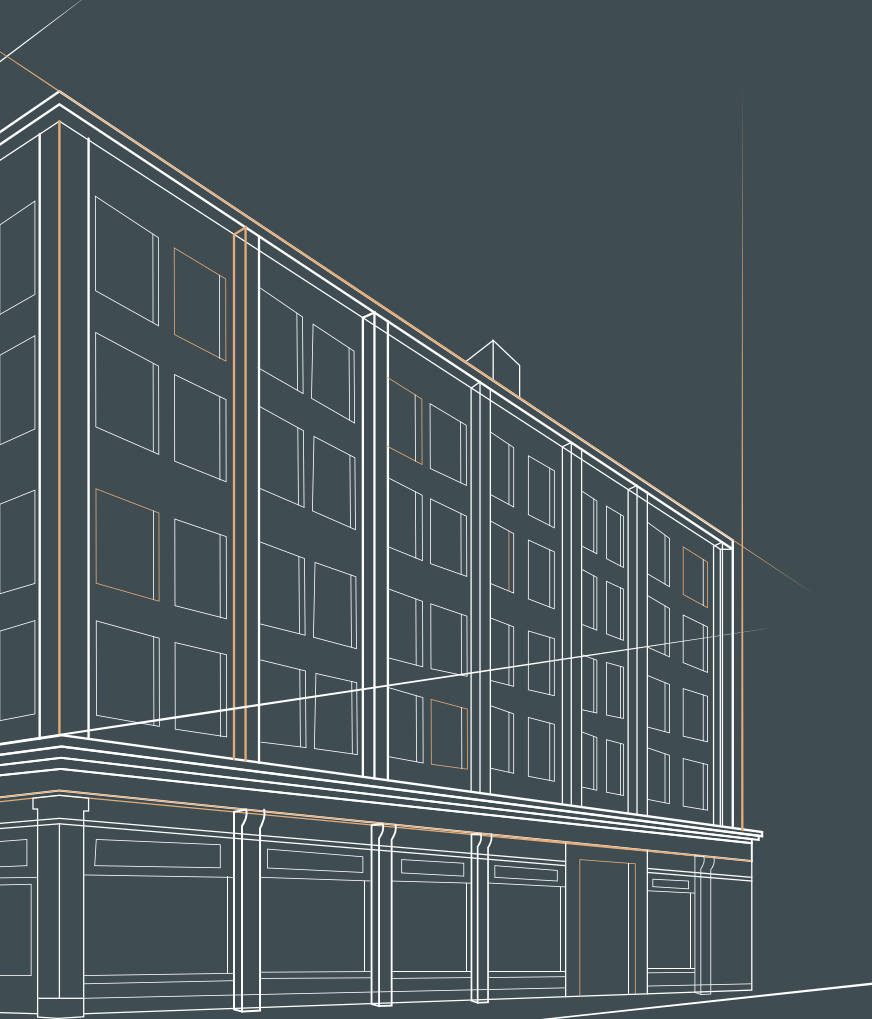


# Implementation



# Implementation





# Difficulties Encountered & Solved

**Broken Links**  
**Informative Feedback**  
**Logging the user out**



## Broken Links

- Links that do not work
- Negative impact on the website and brand.
- Fixed the problem of broken links for many pages.
- Added different pages and provided links so that users can navigate easily.



404

Page not found

The Page you are looking for doesn't exist or an other error occurred.  
Go back, or head over to [weebly.com](https://weebly.com) to choose a new direction.

## Informative Feedback

- Giving feedback to user for every action.
- Difficulty in providing user with feedback for tasks like Add Label, Add Post, Add Tab, Reset Password, etc.
- Designed pages and pop-ups giving user feedback for task completion.



**Post created successfully**

OK



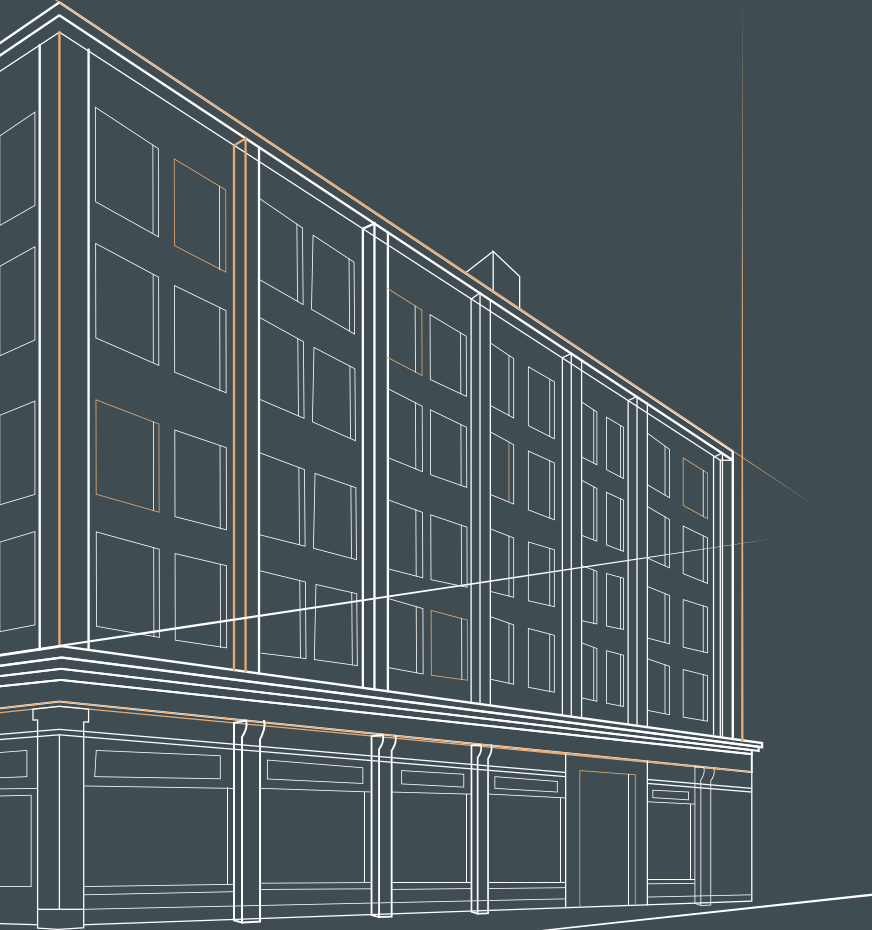
## Logging the User out

- Enabling user to log out from the website.
- Initially, created only SignUp, LogIn and Rested Password.
- Useful in cases when user wants to logIn with another account or is using someone else's system to accomplish a task.

My Profile

Edit Profile

Logout



# Real Life Implementation & Challenges Involved

**Privacy, security, and legal threats**  
**Scalability issues**  
**Authenticity of Information**

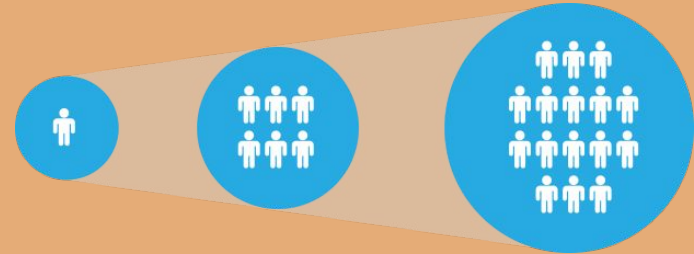
# Privacy, security, and legal threats

- Many personal details of users are stored in a software , which must be kept private.
- Users may take legal action against the software if these details are made public.
- Users may post illegal material which may violate data privacy laws in few countries.
- Solution is to develop a high-level security website.



# Scalability Issues

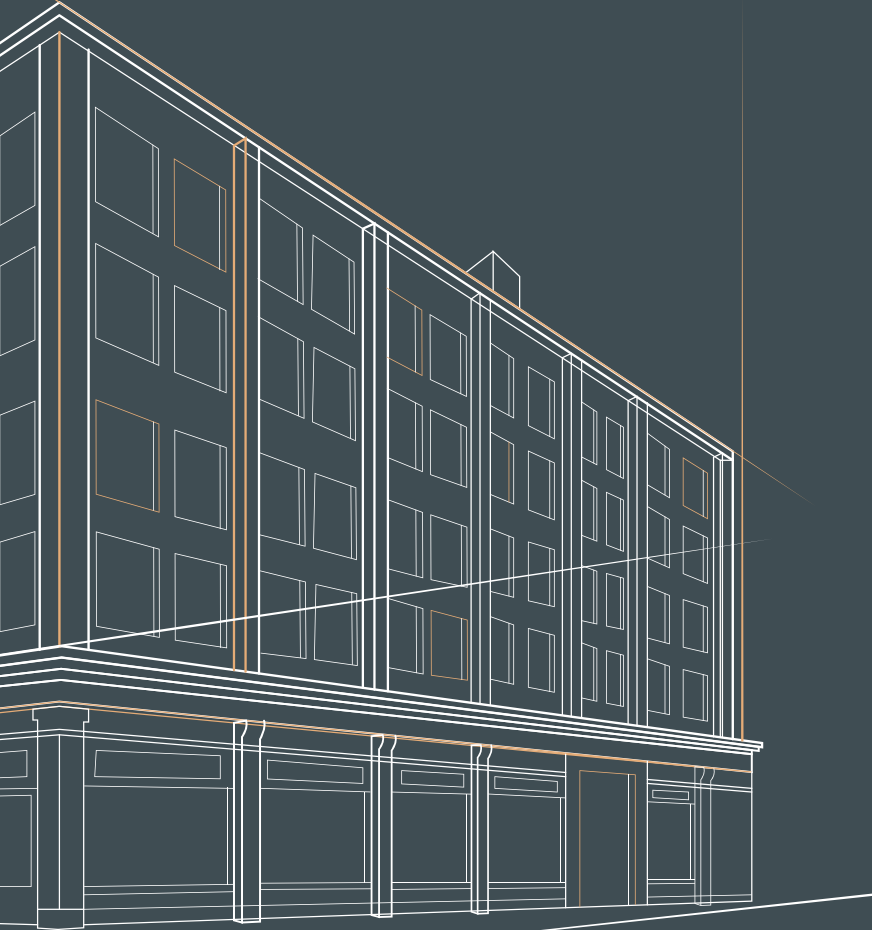
- Occurs when backend of the web application can not scale at the same rate at which users are joining the system.
- Can slow down performance of the web application.
- Potential scalability issues:  
Application code & Hardware resources



## Authenticity of Information

- One of the major problem that many social media platforms are facing.
- Important to verify or validate the information the user is sharing or claiming about their portfolios.
- Potential solution: Valid Document submission for any critical information added.

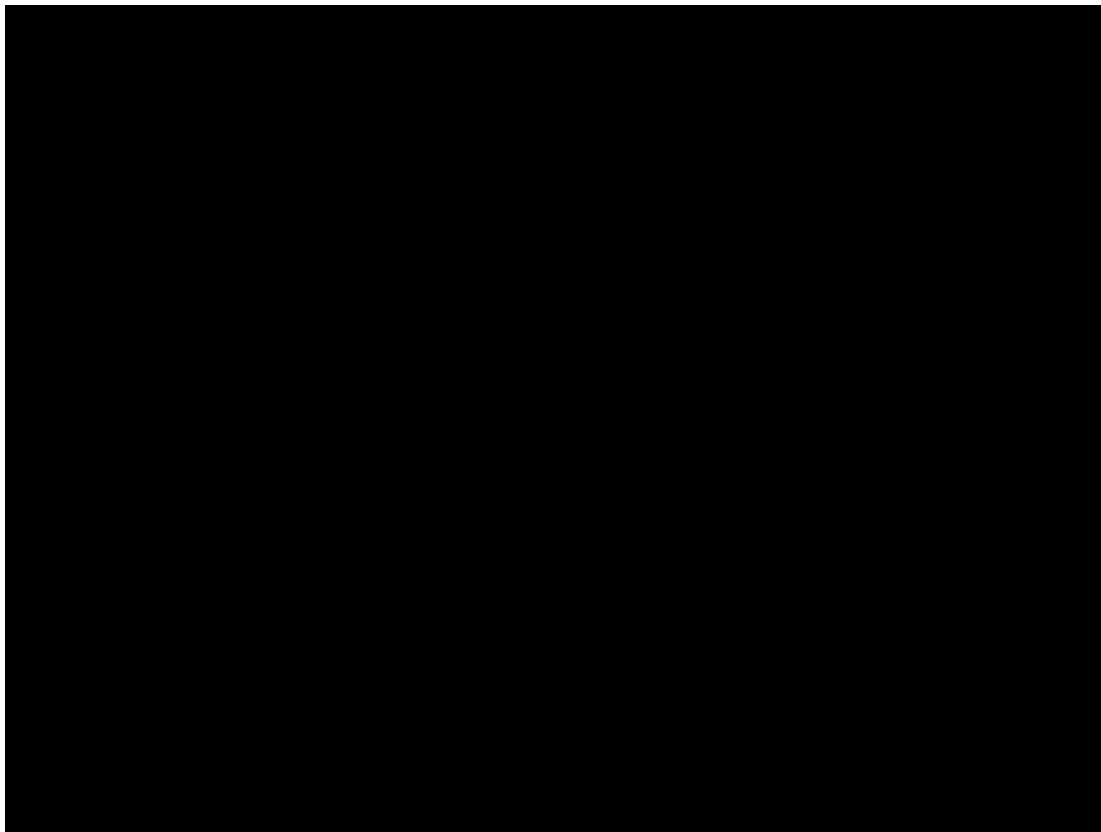


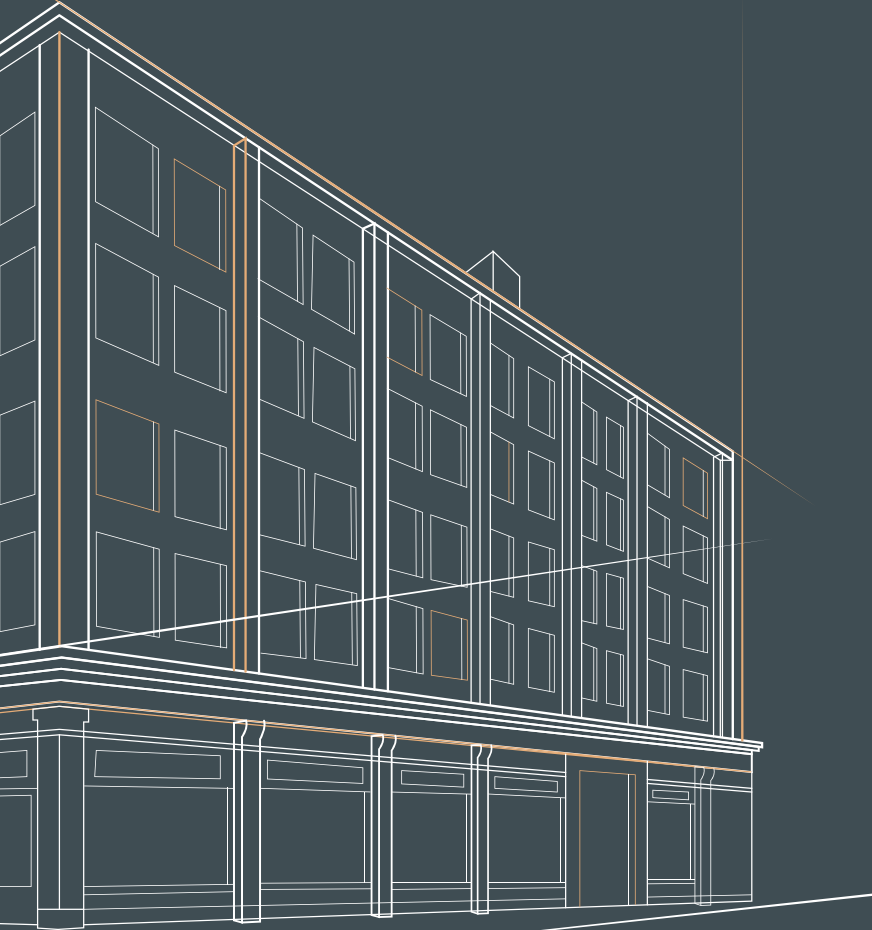


# Demo/Video of OneSpace



# Project Walkthrough





# Learning through PBL /ENABLE Component





# When to use center-align?

- Center align should be mainly used for headings and subheadings.
- For long paragraphs, left-aligned text is preferred as it is easier to read compared to center-aligned text.
- If center-align is kept for paragraphs, user will have to work hard to find where each line begins to continue reading.

Completely impact multifunctional processes and wireless supply chains. Dynamically engage business meta-services for market-driven data. Collaboratively restore cross-platform users before client-centered manufactured products.

Assertively evolve long-term high-impact portals through visionary solutions. Professionally harness standardized portals vis-a-vis resource maximizing deliverables. Continually coordinate stand-alone applications rather than virtual communities.

## Left Aligned Text

Has a straight left edge  
Each line starts at the same edge

Completely impact multifunctional processes and wireless supply chains. Dynamically engage business meta-services for market-driven data. Collaboratively restore cross-platform users before client-centered manufactured products.

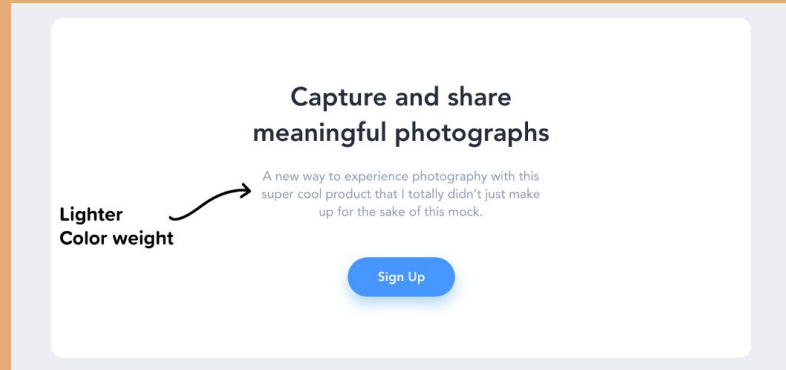
Assertively evolve long-term high-impact portals through visionary solutions. Professionally harness standardized portals vis-a-vis resource maximizing deliverables. Continually coordinate stand-alone applications rather than virtual communities.

## Centered Text

Has a ragged left edge  
Each line starts at a different edge

# Use color weight to establish hierarchy

- Every colour has a visual weight that can be use to organise the content into a hierarchy.
- We can assign different levels of importance to elements by using lighter colour hues.
- Rule of thumb for color weight.
- If an element is more important than another, it should be of a higher visual weight.



# Design Process and Creating User-Centric Designs

- Understood the importance of user-centric designs.
- At every point of project making, we thought from user perspective.
- Understanding the needs of user is very important for any social media platform.
- Learnt design process elements like low and high fidelity prototyping along with using industry specific tools like Figma and draw.io

