GALLERIA
Digital Archive

CREATORS & SPONSORS

The Krusty Krew Team:
Carlyn Thomsen
Elizabeth Adeeko
Andrew Araujo
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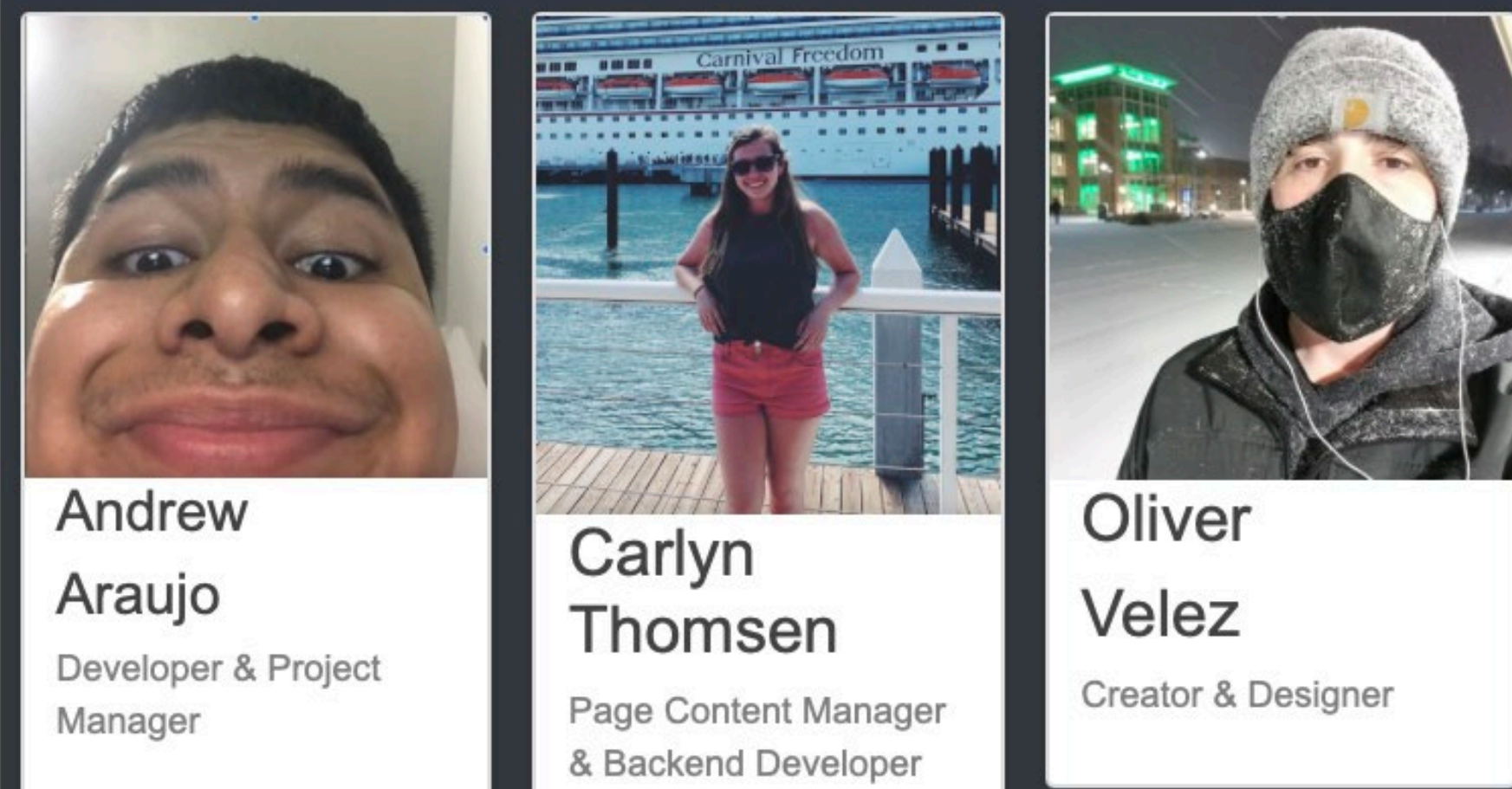Patrick Walterschied
Sponsor:
Christopher Fajuke

About Us

Galleria is a digital gallery archive that allows you to discover and save your favorite media. With Galleria, you can explore, save, and share as many different types of medias as you want!

Our Team

Andrew Araujo
Developer & Project Manager

Carlyn Thomsen
Page Content Manager & Backend Developer

Oliver Velez
Creator & Designer

About Page that introduces our team and includes a Contact button that sends the user directly to an email platform.

FEATURES

No.	User Story Name	Description	Priority
F1	User File Management	Upload and Delete files and media from users.	1
F2	User Accounts	User can make an account to publish data, or not make one to view public data, sign in to access more functions, sign out to allow basic site functionality.	1
F3	Database Management	Can store and retrieve large amounts of site data.	1
F4	Website Functionality	Application is a running and efficient website available to anyone.	1
F5	Data Cataloging/ Categorizing	Site makes available categories of data and media.	2

DESIGN

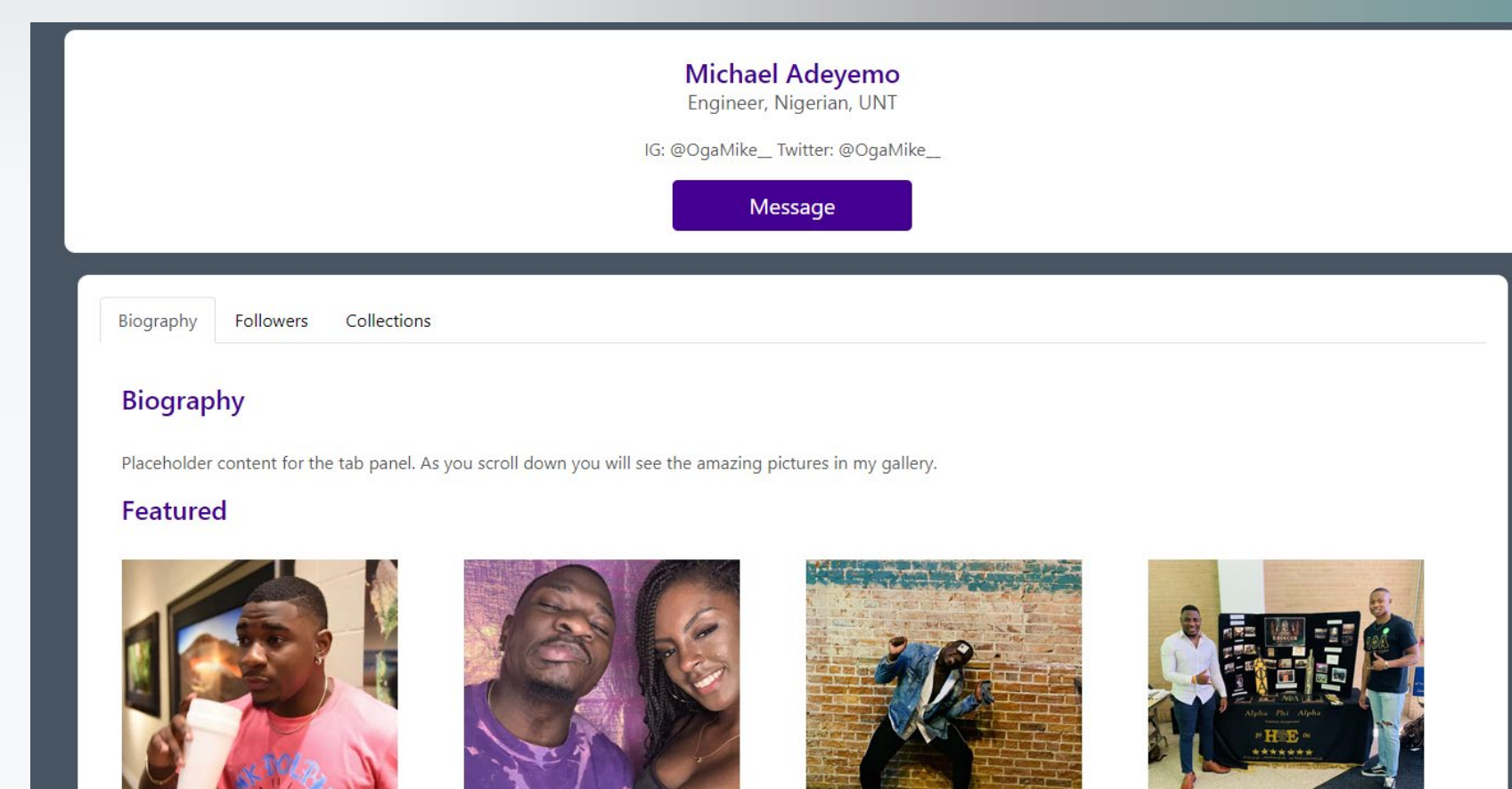Information Architecture Diagram

UML Class Diagram

PROJECT OVERVIEW

Galleria is a digital gallery archive website that functions more akin to a modern gallery of art, but more focused on storage and viewing, rather than a museum of data. The inspiration came from other known storage services like Dropbox and iCloud, but restructures the idea of data as more personal and isn't limited to specific file types. Also, instead of merely being backed up data, it is presented as data important to you, that may follow a theme, and most importantly will never disappear from the internet. Additionally, we wanted to have it to be more user friendly and community driven, as all the uploads are considered to be open for all to see, unless specified otherwise, and this flies against most forms of digital storage, where privacy and security are prioritized. The website is meant to have users share content and proudly share their data interests on their account page and we need to facilitate this to the best of our ability.
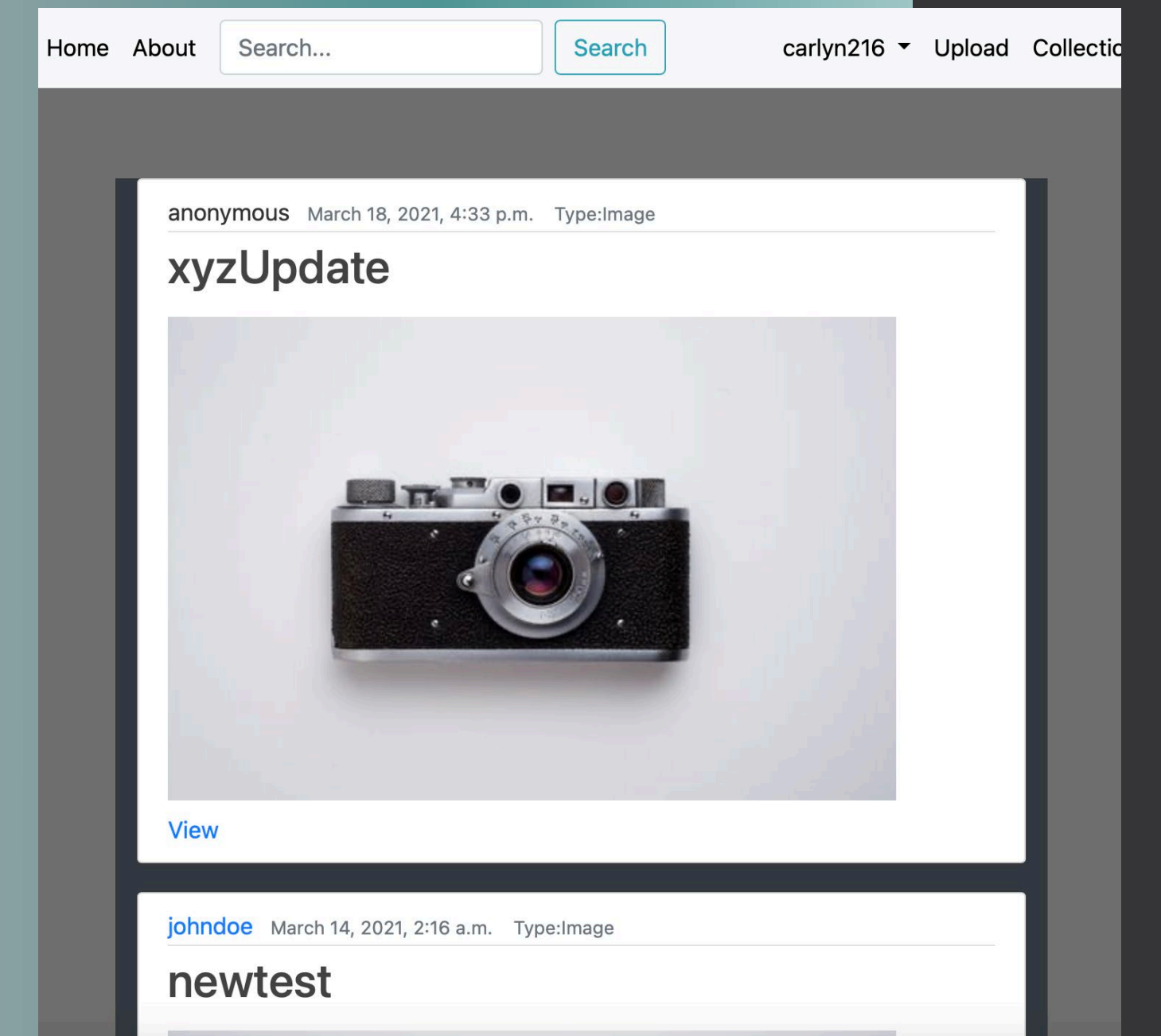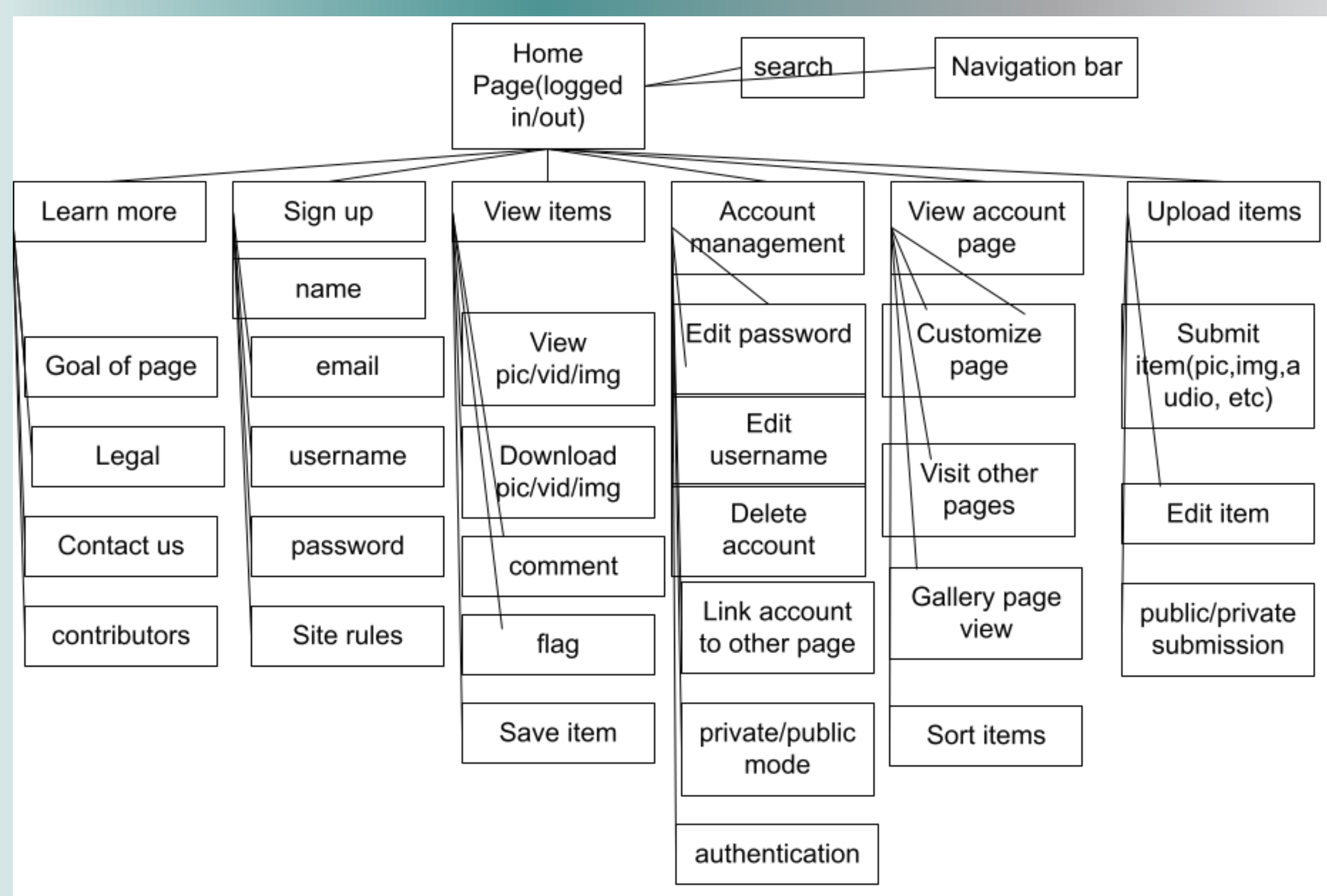
SCREENSHOTS

Profile Page that allows for user customizations and displays a users collection of posts.

Home Page welcomes users to a gallery of various users' posts of all media types ranging from pictures, videos, documents, and audio files.

TESTING

Galleria was made with Django which comes with several useful, prebuilt functionalities. One of those functionalities is integrated Unit Testing. All that remains is writing out the desired test to be conducted on each/every page in our web application. We have tested major functionalities to make sure all tasks are running successfully and have used these tests to provide us with information on any necessary improvements.

Task	Start	Finish	Effort	Comments
Test Planning	3/12/21	3/20/21	High	Fully Developed
Create Initial Test Estimates	3/20/21	3/25/21	Low	Determining which test should be implemented first.
Deploy to QA Test Environment	2/10/21	Ongoing	Low	Set up Django Virtual Environment and IDE
Functional Testing - 1	2/10/21	3/20/21	Moderate	Numerous small test of program requirements.
Iteration 2 deploy to QA test environment	3/25/21	4/8/21	High	Continuously running tests.
Functional Testing - 2	3/25/21	4/8/21	High	Tests implemented as new functions are added.
System Testing	3/25/21	4/8/21	Moderate	Django test cases used.
Regression Testing	3/25/21	4/8/21	Moderate	Testing code for damages & alterations.
Usability Testing	3/25/21	4/8/21	Low	One system testing is complete - real users now able to test the site.