Virtual Portfolio

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Project Description

Site hosts images in a portfolio for artists, to make it easier to share their body of work. If someone is given the URL of a user's portfolio, they will be able to view all of their pieces that have been uploaded. They may also sort a user's page by medium, date created, etc. When logged in, in addition to uploading new images, a user may edit the description and other metadata for previously uploaded images or delete images they no longer with to be public. This site will make the process of sharing a portfolio with a prospective employer or commissioner much easier, as all drawings will be all in one place, and accessible from anywhere. An artist will not have to bring a physical portfolio to the employer, and will not have to organize it digitally on their own.

Feature list

When logged in, a user may:

- Upload images
    - Provide information about each image, such as title, medium, completion date, and description
    - Crop images to a 1:1 ratio before upload
- View previous uploads as a gallery
- Edit previous uploads
    - Change the information associated with each image, or change the image associated with the information
- Delete previous uploads
- Edit account information, or delete account
- Log out

When not logged in, a user may:

- Log in or register a new account
- If given a link to a user's portfolio:
    - View all of the user's pieces as a gallery, and read about the user
    - Click on an image in the gallery to maximize it and see the information associated with it
    - Sort images in the gallery by properties

Technology Used

This site will be developed for use within a desktop browser, using the following tools:

- ASP.Net
- C#
- HTML
- CSS
- Cropper.js
- IDE: Visual Studio
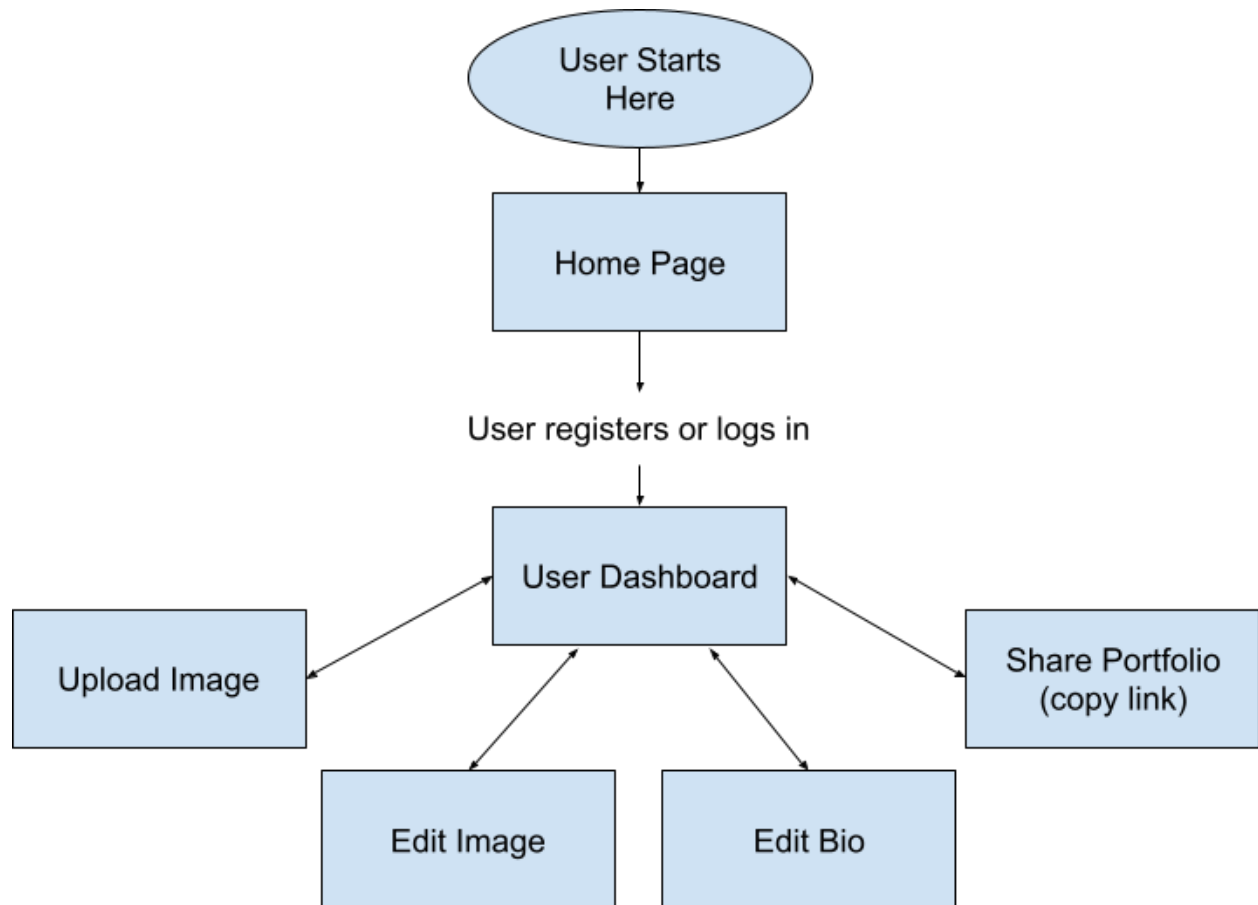- Version control: GitHub

User Personas

User: Artist

- Goals:
    - o Wants to be able to show their body of work to a prospective employer or commissioner
- Motivations
    - o Display art in an intuitive, streamlined format
    - o Convey information about each piece's inspiration, meaning, etc.
    - o Show off their artistic ability with minimal distractions to take away from their art
- Frustrations
    - o Difficulty of uploading and organizing their portfolio
    - o Emphasis on the site rather than the piece

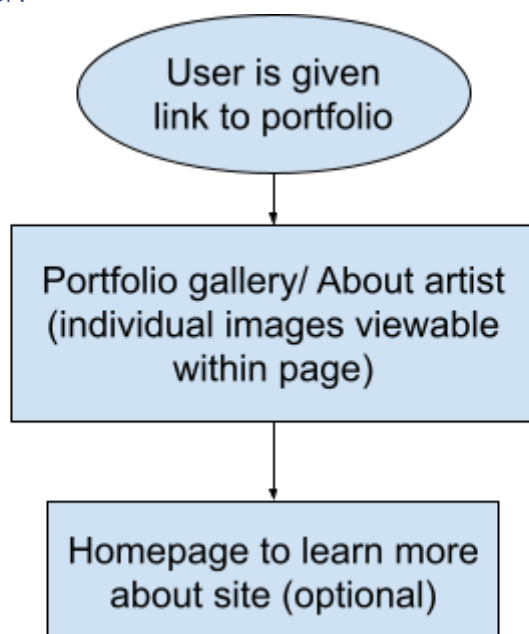User: Interviewer/ Commissioner

- Goals:
    - o Wants to see pieces created by an artist applying for a job in order to assess their artistic strengths and style
- Motivations
    - o View art in a simple format without having to focus on presentation format
    - o Sort pieces in order to see artistic growth, or strength in different areas of art
- Frustrations
    - o Difficulty in navigating a portfolio
    - o Distractions from the art being viewed
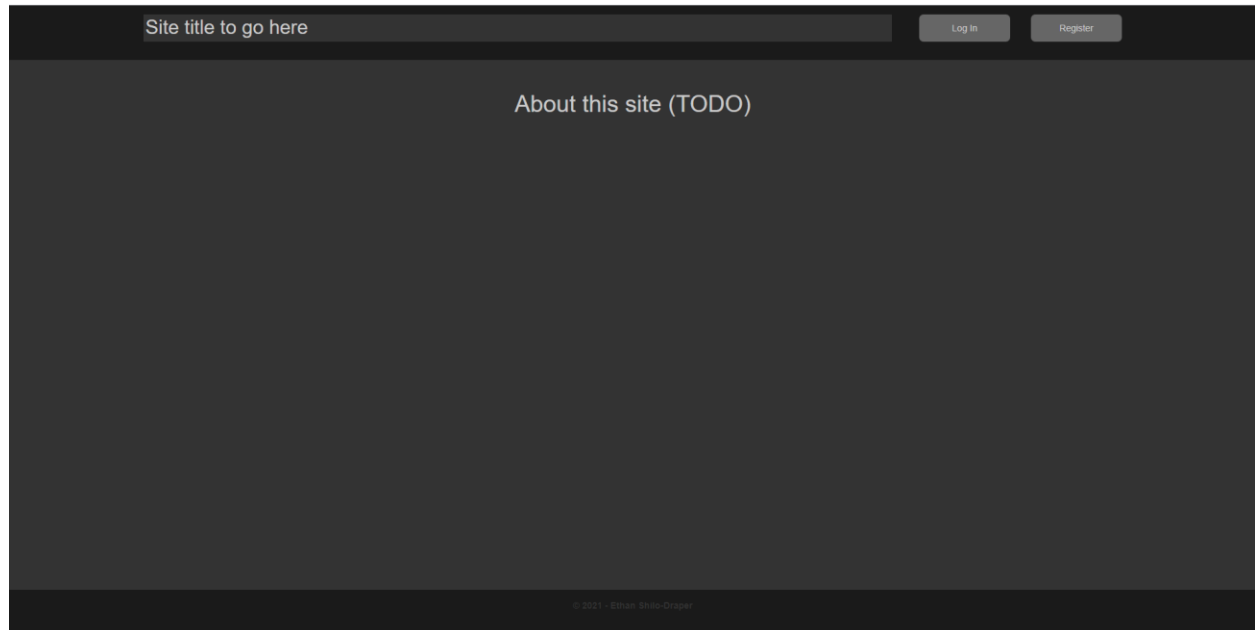
Site Structure

Artist:

Interviewer/ Commissioner:

User is given
link to portfolio

Portfolio gallery/ About artist
(individual images viewable
within page)

Homepage to learn more
about site (optional)

Layout and Interactivity

Homepage

- Header while logged out
  - Register button
    - On hover: darken
    - On click: link to create new account
  - Login button
    - On hover: darken
    - On click: link to log into preexisting account

Login Page
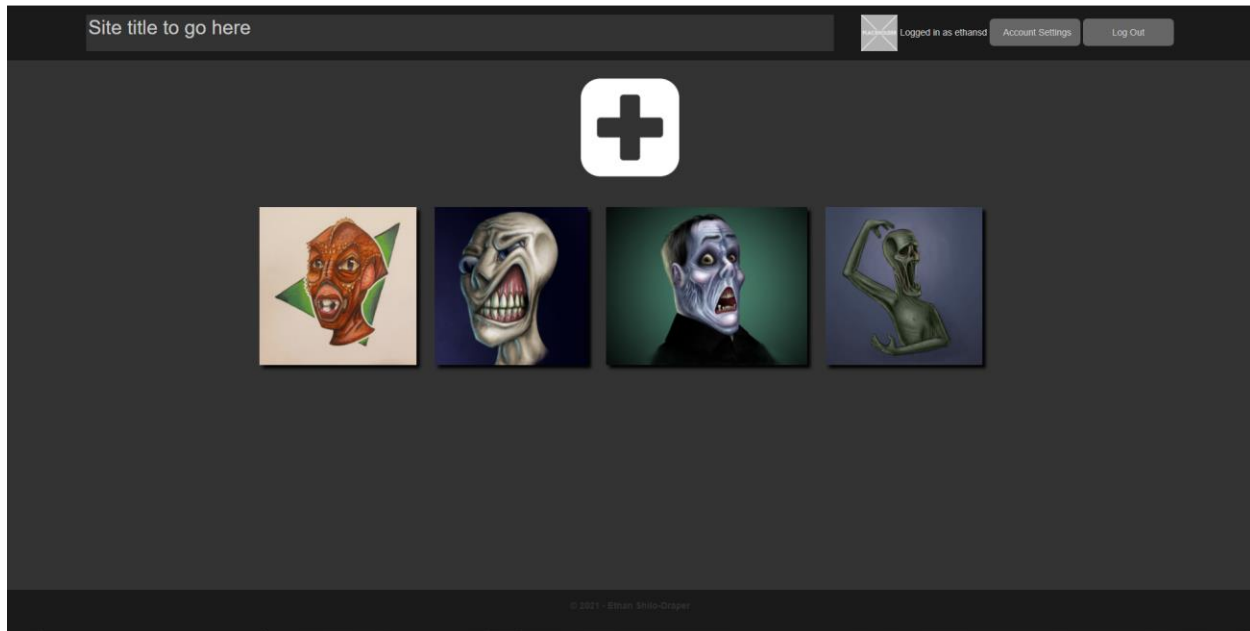

- Username and Password text fields
  - ○ Validated to not contain spaces
  - ○ Checked for matches against login database
- Submit button
  - ○ On hover: darken
  - ○ On click: submit form
    - If no login match found, a message informing the user of invalid login will appear below submit button
    - If match is found, redirect to dashboard
- "No Account? Register here" text
  - ○ On hover: turn lighter blue, italicize
  - ○ On click: redirect to account registration page

Account Registration Page

- Username field
  - o Validation: cannot contain spaces
  - o Checked against database to ensure it is not taken
- Password field
  - o Validation: cannot contain spaces
- Confirm Password field
  - o Validation: must match password field
- Display Name field
  - o No validation
- Email Address field
  - o Validation: must be valid email address
- Date of Birth field
  - o User can type date directly, or click calendar icon to select date
- Register button
  - o On hover: darken
  - o On click: submit form
    - ▪ If errors found, error message(s) displayed below register button
    - ▪ If no errors, redirect to dashboard
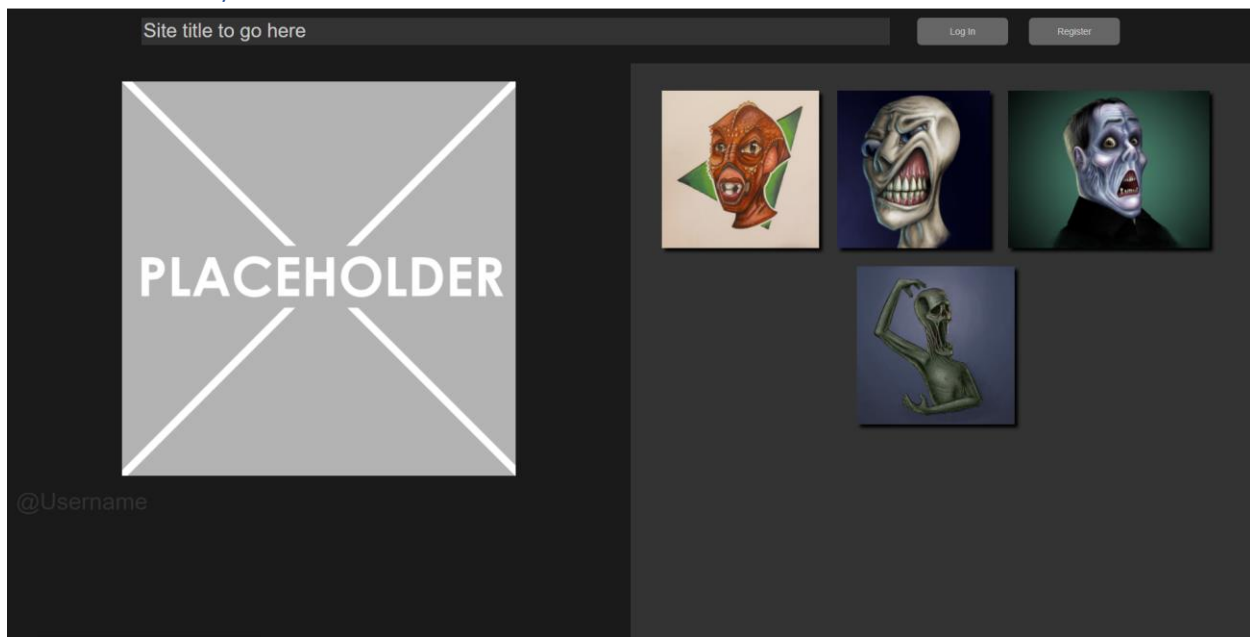
User Dashboard

- Header while logged in
  - Account Settings button
    - On hover: darken
    - On click: link to edit account details page
  - Log Out button
    - On hover: darken
    - On click: log out of account, redirect to home page
  - Upload button (large plus sign)
    - On hover: reduce opacity (effectively darken)
    - On click: link to upload page
- Image thumbnails
  - On click: link to upload page, prepopulated with preexisting image data

Upload / Edit Image

- If brought here by clicking on a dashboard image, fields will be prepopulated with information from SQL database
- "Upload Image" text / image preview
    o On click: bring up file selector
- Title field
    o No validation
- Medium field
    o No validation
- Completion Date field
    o Contains calendar icon
        ▪ On click: bring up calendar date picker
    o Uses automatic date formatting
- Description field
    o No validation
- Upload button
    o On hover: darken
    o On click:
        ▪ If page was prepopulated as described above, updates SQL table, then redirects to dashboard.
        ▪ If page was not prepopulated, adds entry to SQL table, then redirects to dashboard.

Portfolio Gallery

- Image thumbnails
  - On click:
    - expand image to large image on left
    - get metadata from SQL server and display under large image
- Username
  - On click: reset big image to avatar and text to bio
- Previous and Next buttons
  - On hover: darken
  - On click: switch to previous or next page of gallery, respectively
  - If no previous or next page available, hide respective button

Test Data and Feedback

- Excessive header size
  - o Reduced by moving banner next to login and registration buttons, instead of having it below them
- Being directed to a new page to see full-size image is inconvenient and unintuitive
  - o Switched to having image view to left of gallery, and clicking on an image brings it up on the same page
  - o Can click username to bring back bio and profile image
- User should be able to get back to site's main page from user gallery
  - o Made logo clickable, links to home page