Project 2: Image Gallery
CSC 225

Project Description

Implement a mobile-first, responsive website that implements an image gallery. Your project must be developed from the smallest screen (default) and scaled-up to medium sized/tablet sized screens, and finally large/desktop size screens. Please see the details below.
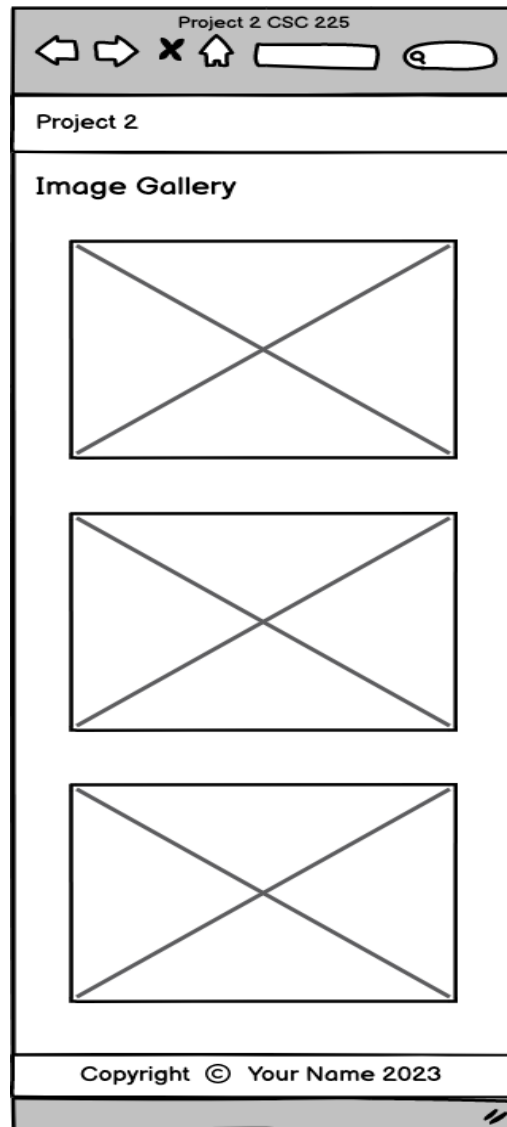
Project Requirements

- The implementation, and the layout must match the provided wireframes below.
- Mobile-First Approach that implements the mobile screen layout and styles as the default.
- The site is then scaled up to Tablet/768px and Desktop/1024px sized screens using 'min-width' based media queries.
- Project must utilize CSS Grid for the page layout especially on tablet and desktop screens.
- At least 12 images must be present – you can use free to use stock images for this project such as abstract backgrounds; you are allowed to repeat images for the purposes of this project.
- You must add a hover transform effect on the images/tiles on larger screens so that the image scales inside the tile when hovered using a mouse; ensure that only the image inside the tile is scaled upon hover and not the container/tile itself.
- You must also add a transition to the hover scaling effect mentioned above so that the change occurs over a duration of 1 to 2 seconds – feel free to choose a timing function.
- You must implement/utilize a linear gradient in the page background.
- Add box shadows to the images/tiles.
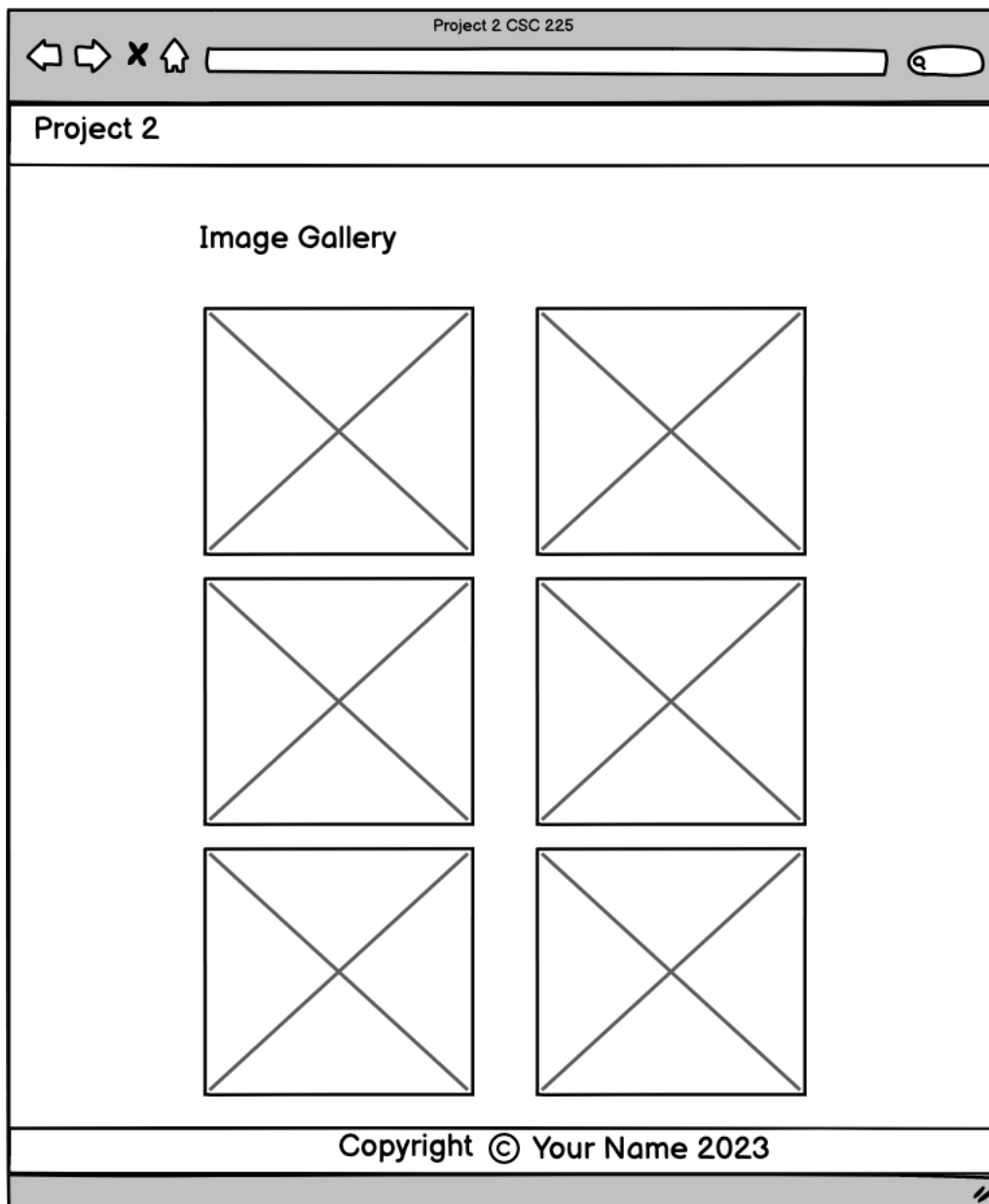- Add text shadow to the main heading.

Optional

Please note: These are not for extra credit. They are merely some potential suggestions to improve the project.

- In addition to the required major breakpoints above, you may choose to have additional, minor breakpoints for minor stylistic adjustments.
- You may choose to use a Google Font for the Heading.
- You may turn the 'Project 2' in the main navigation into a non-functional link with hover.
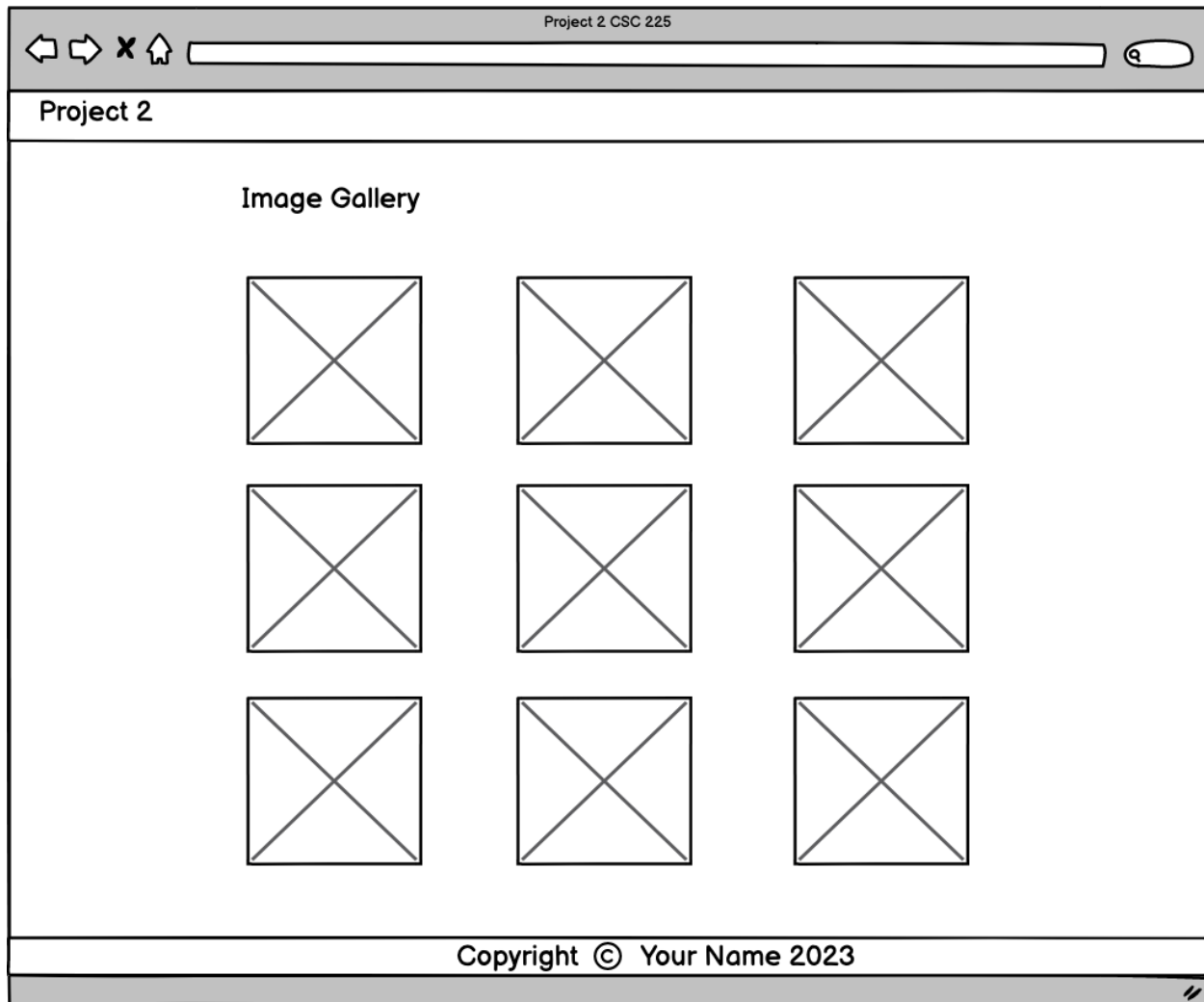- You may turn your name in the footer into a mailto link.

Wireframes

Mobile Screen Layout: Default/320px and above

Medium/Tablet Screen Layout: 768px and above

Desktop Screen Layout: 1024px and above

Submission Procedure

Please submit a zip of your project directory including all source code and assets/images.

In addition to the above, you must also provide a Word or PDF Document containing:
- A copy of all the source code
- Screenshots of the finished page in Mobile, Tablet, and Desktop Screen Sizes
- Screenshots of Validated HTML and CSS Code (W3C Validators) with no errors

All files must be uploaded and submitted via Blackboard by the deadline as part of one project submission.

Please see Blackboard for any additional details/information including the deadline.