1. We decided to implement an 8-character minimum password length and no characters can be repeated 3 times. We didn’t want to implement special character rules because it reduces the number of possible combinations required for hackers to brute force it.

We added a dark mode which consists of different shades of black with the same orange areas as in light mode.

Scroll-to-top is a button on the bottom right of the screen which smoothly transitions the user back to the top of the page.

Sticky navigation keeps a navigation bar pinned to the top of the page with easy access to each page of the website.

Animations which allow for longer blog posts to be compacted and expanded by the user in a seamless and smooth transition.

Mobile layout allows our website to be viewed from a range of different screen sizes (This feature currently has a bug on the create post page).

1. I’d create a separate two factor authentication form to appear over the top of the original form once the user has inputted all the correct information. The form will ask for the user to input the code that was sent to them and only let them access their account once the code has been typed correctly. If the user inputted the incorrect code red text will appear above the input box saying “You didn’t enter the correct verification code. Please try again.” I would have a HTML div with a container class that had a title and a <label> and <input> for the user. There would be some JavaScript which would take the inputted value and compare it to the password that was sent with if statements. The two-factor box would have 2 CSS functions for both light and dark mode options with their given background colour and text values, the rest of the sizing and borders will be identical. The form will require a button connected to an event listener which is pressed to input verification code.
2. The most difficult thing about working in a group was merging everyone’s unique ways of coding together. There were multiple times where restructuring code or editing certain things to make it match with other people code were required. Also being able to read and understand other people’s code was difficult at times, especially when dealing with syntax that I hadn’t experienced before.
3. I found it most interesting learning how 3 very different programming languages are all able to work so seamlessly together even though each of them is so different. I enjoyed building different aspects of the website page using each of the languages and learning when to use them.