

Finalization phase

Project: Java and web development

I created a photography website that showcases photos in a dynamic way, as well as other information relevant for a photographer and their audience. The website consists of a home page, a portfolio page, contact information and pricing information. To create this website I chose to use Python and Django as my framework, as well as CSS for styling and JavaScript for dynamic responses. To create this website, I used Visual Studio Code as my code editor and GitHub to host my repository. I created this website by firstly creating the navigation, so the user could navigate through different pages. Then I added CSS styling to create a more pleasant experience for the user. Next, I began developing each page and added JavaScript to enhance the experience. In the home page I added a slideshow that showcases photos, changing the photo every 5 seconds, at the bottom of the page, different themes the photographer photographs is presented and if pressed on, the user is redirected to their portfolio, showcasing photos of that theme. Each page showcasing these photos are styled in a dynamic way, that when hovered on the photo slightly increases in size, creating a smooth user experience. Added a contact form through which the user can send a email to the photographer to either book or ask a question about their services and a map to showcase the place of residence of the photographer, as well as links to social media, presented as logos accordingly and other contact information. Then the pricing to showcase the prices of the services and what each package consists of, also added three small photos to the portrait package. Lastly I integrated a responsive header that adapts to the device the user is on and cleaned the code for unused or unnecessary code, as well as adding installation instructions and a requirements file accordingly. During the creation of this web application I learned more about JavaScript and CSS styling. The Django framework helped me to manage the backend with creating models and form which I could later add to my views. Elements or variables are created in these views, could later be retrieved in the html templates which is what the user sees or in other words the front-end. To add or remove photos one can do so by creating a superuser(instructions are defined in the read.me file), accessing the admin page, and inserting them in the photos category. This creates a comfortable approach for the photographer to manage their website.