DIXPLAY

Phase Two

Nicholas Koehler 150196110

Graham Dubreuil 150398470

Garrett Parris 150668740

CP476

Computer Science

Wilfrid Laurier University

Design Decisions

Colour scheme: We decided for a very simple and minimalistic design with a black and white theme colouring. We may change this to a gray-black-white design later as we discuss colour matching more in depth.

Image box: Since our website is centered around a single image we want that image to be the main attraction of the website so we made it large, centered, and resizable in the middle of the screen.

Logo: We want good branding so we put our brand directly above the image box such that it is in plain view. An official logo is underway.

Interaction Buttons: File selector is below the image for ease of access for users to upload images to the image box. Comments are directly beside to easily type comments that will be listed in the comment box below.

Comment Box: Comments will be listed in queue fashion scrolling upward from the bottom. The box must be large and inline with the image box to create an efficient user interface.

Some Techniques we intend to use in the development of our web application:

We plan to implement the user login with a database of user information. But since only one picture is active on the site at a time, no database implementation for images is required.
Instead the transfer and display of the images will be handled using a .NET Core server using websockets for communication and synchronization.

We intend to use a Captcha/ user verification upon entry using Google's reCAPTCHA spam security service.