Through

THE LENS.

PERSONAL COLLECTION

2023

Sayem Ibne Taher

Table of Contents

Introduction 4

SNAPS 7

Find Hidden Faces... 8

A Surprised Face 9

A Cheerleading Team. 10

Angry Man with Long Mustache 11

Camera Modes... 12

Full Manual Mode 13

Aperture Priority. 14

Shutter Priority 15

Program Mode 16

A+ or Full Automatic 17

Flash ON 18

Portrait 19

Landscape 20

Macro-Mode 21

Sports-Mode 22

Handheld Night Mode 23

Waterfall... 24

High shutter Speed 25

Low shutter Speed 26

DOF... 27

Noise... 28

Higher ISO. 29

Picture Composition... 30

Lines 31

Vanishing Point 32

Motion Blur 33

Sharpness. 34

Middleground 35

White Balance... 36

Different Color Combination 37

Portrait.... 38

Landscape.... 40

In the Meadow 41

Background Compression.... 42

Rider of The Sea. 43

Sources... 44

Intro-duction

This portfolio is a showcase of my personal photography, assignments, and other projects that demonstrate my unique vision and creative skills. Through my portfolio, I aim to present a diverse range of subjects and themes that reflect my style and approach to photography.In my portfolio, I will include a mix of personal and commissioned work, highlighting my versatility and range as a photographer. I will also provide shot details and behind-the-scenes information about each image to give viewers a deeper understanding of my process and techniques.

Wind turbines watching the Sun diving deep
Roermond, The Netherlands

Canon
24 35 55
EFS 18-55mm
IMAGE STABILIZER
SET

SNAPS

Fascinated by the nature but restricted abilities always persuaded me to improve my photography skills wherever I travel in this wide world. Even though I am not a photogenic individual I love to keep memories as Ed Sheeran said 'We keep these memories for ourselves'. Maybe that's how we grow.

Maastricht is Beautiful
Maastricht, The Netherlands

Find Hidden Faces...

To complete the assignment, we were tasked with uncovering hidden features of various objects. Our instructor suggested using a DSLR camera to capture the shots, and we are expected to submit three of our best photos along with their descriptions and photo mode.

The below assignment will explain everything in details about three different shots that includes why those pictures looks like a human face and the story behind it. For users readability this description will be followed by the hints of the shot so that readers can find it easy and understandable.

A Surprised Face

As I was strolling through my neighborhood, my eyes were drawn to a house with an entrance that immediately captivated my attention. The shape of the entrance was strikingly familiar, resembling a human face in a state of awe. The arched doorway was like an open mout. This was the very first example I had encountered of a hidden face in an inanimate object.

CANON EOS 650D

Prinsejagt, Eindhoven

Focal length	: 55mm
Aperture	: *f 4.5*
ISO	: 100
Shutter Speed	: 1/160s

A Cheerleading Team

As I was walking through my neighbourhood and looking for hidden faces I noticed something common yet interesting to capture as it looked like a ch-herleading team standing right infront of me. The way the branches of the trees were cut off it does gave them a shape like a cheerleading team standing all together and celebrating.

CANON EOS 650D

Prinsejagt, Eindhoven

Focal length	: 25mm
Aperture	: *f 5.6*
ISO	: 100
Shutter Speed	: 1/50s

Angry Man with Long Mustache

I captured this picture using macro-mode. At the first glance I thought the spot on the flower (at this moment I don't really know whether I should call it a spot) looks like a butterfly but then something interesting came in my mind. It looks like an angry man with long mustache.

CANON EOS 650D

PIT Ground, Sittard

Focal length	: 55mm
Aperture	: *f 5.6*
ISO	: 800
Shutter Speed	: 1/100s

Camera Modes...

In this assignment we are required to try out different pictures using different photo modes. This way we can figure out some beneficial factors about these modes. For instead Aperture priority is used to work with the blur effect and focus on the main object as much as possible to get the most clear picture.

There are certain other factors that a photographer must care about for different shooting situation. For instance sports mode is used to capture a moving object. But if we want to achieve the same result using shutter priority we may end up with motion blur picture. So this assignment outcome will display how I captured different shots in different situation using different shooting mode.

Full Manual Mode

Capturing shots in manual mode is easy but getting the expected result doesn't come in handy. Manual modes offers both flexibility also confusion as everything needs to work together in a certain expect to deliver the expected result. When I started capturing shots with this DSLR CANON 650D most of the time I choose other options to capture shots. Especially in low light I had to struggle to get the expected result. But at the end of capturing shots for most of the assignment I have come to understand various techniques to capture shots in manual mode.

CANON EOS 650D

Brunellesciweg, Eindhoven

Focal length	: 44mm
Aperture	: *f 5.6*
ISO	: 100
Shutter Speed	: 1/250s

Aperture Priority

AV - or Aperture Priority mode is used to control the depth of image for certain picture. A smaller aperture (higher f-number) will result in a larger depth of field, meaning more of the scene will be in focus. A larger aperture (lower f-number) will result in a shallower depth of field, meaning only a small part of the scene will be in focus while the rest will be blurred. In the following example I took my friends picture using aperture prority mode. As u can see it provides blurred foreground and background while focusing on the object.

CANON EOS 650D

PIT Ground, Sittard

Focal length	: 55mm
Aperture	: *f 5.6*
ISO	: 100
Shutter Speed	: 1/30s

Shutter Priority

Shutter speed is an important setting for controlling the amount of time the camera's sensor is exposed to light. A faster shutter speed will freeze the action and reduce motion blur, while a slower shutter speed will allow more light into the camera and create a sense of motion blur. In this example I took a moving cars picture using TV mode. This way it looks like the focused object is freezed all on a sudden.

CANON EOS 650D

Texel, North Holland

Focal length	: 113mm
Aperture	: *f 7.1*
ISO	: 100
Shutter Speed	: 1/60s

Program Mode

P mode is a semi-automatic mode that provides a good balance between control and convenience for many photographers. It allows you to quickly adjust settings like ISO or exposure compensation while letting the camera take care of the aperture and shutter speed settings. This can be useful when you need to take photos quickly or when you're not quite sure what settings to use. In the following picture I wanted to focus only on the foreground and to make the background blur. So I used Program mode so that it provides me a good balance as I took the picture on handed.

CANON EOS 650D

Brunellesciweg, Eindhoven

Focal length	: 51mm
Aperture	: *f 5.6*
ISO	: 100
Shutter Speed	: 1/15s

A+ or Full Automatic

A+ mode is designed for beginners or photographers who want to keep things simple and let the camera handle everything. In this mode, the camera will adjust the aperture, shutter speed, ISO, white balance, and other settings as needed to produce a well-exposed and in-focus image. So my friend Yvonne took this picture of mine in the class. As it was just a random picture she used full automatic mode just to check if it produces a decent shot. Actually I think it did.

CANON EOS 650D

Fontys Hogeschool ICT, Eindhoven

Focal length	: 37mm
Aperture	: *f 5*
ISO	: 500
Shutter Speed	: 1/50s

Flash ON

Using “Flash On” mode can be useful in several situations, such as when you’re taking photos indoors in low light or when you’re trying to fill in shadows on a subject’s face. The flash can help illuminate the subject and create a more balanced exposure. As I was working on my computer in my room I decided to capture a shot in lowlight using flash on Mode. This way I got a bright and clear picture.

CANON EOS 650D

Brunellesciweg, Eindhoven

Focal length	: 21mm
Aperture	: *f 3.5*
ISO	: 800
Shutter Speed	: 1/40s

Portrait

While using “Portrait” mode, the camera will typically use a large aperture (small f-number) to create a shallow depth of field, which will blur the background and make the subject stand out. The camera may also use a faster shutter speed to freeze any motion, and the appropriate ISO setting to ensure a good exposure. I took this portrait of my friend using the portrait mode and manual focus. This way I had more control while capturing the shot.

CANON EOS 650D

Texel, North Holland

Focal length	: 70mm
Aperture	: *f 4.5*
ISO	: 800
Shutter Speed	: 1/200s

Landscape

When you select “Landscape” mode, the camera will typically use a small aperture (large f-number) to create a deep depth of field, which will keep most or all of the scene in focus. The camera may also use a slower shutter speed to capture more light and detail in the scene, and the appropriate ISO setting to ensure a good exposure. The following picture was taken using the landscape mode as it came out as complete clear picture.

CANON EOS 650D

Texel, North Holland

Focal length	: 89mm
Aperture	: *f 8*
ISO	: 100
Shutter Speed	: 1/250s

Macro-Mode

When you select “Macro” mode, the camera will typically use a large aperture (small f-number) to create a shallow depth of field, which will blur the background and make the subject stand out. The camera may also use a faster shutter speed to freeze any motion, and the appropriate ISO setting to ensure a good exposure. This duck looks much bigger when I used macro mode to capture the shot. Also it did provide a shallow depth of field.

CANON EOS 650D

PIT Ground, Sittard

Focal length	: 55mm
Aperture	: *f 5.6*
ISO	: 640
Shutter Speed	: 1/80s

Sports-Mode

When you select “Sports” mode, the camera will typically use a fast shutter speed to freeze the motion and reduce blur. The camera may also use a wide aperture to let in more light, and the appropriate ISO setting to ensure a good exposure. The following picture was taken using sports mode. The biker was going somwehere and I tried to capture the moment.

CANON EOS 650D

Den Helder, Netherlands

Focal length	: 70mm
Aperture	: *f 4.5*
ISO	: 100
Shutter Speed	: 1/640s

Handheld Night Mode

When you select “Handheld Night” mode, the camera will typically use a slower shutter speed to capture more light, but it will also take several shots in quick succession. The camera then combines these shots into a single image, using advanced noise reduction techniques and pixel averaging to reduce noise and blur, while maintaining the overall sharpness of the image.

CANON EOS 650D

PIT Ground, Sittard

Focal length	: 55mm
Aperture	: *f 5.6*
ISO	: 400
Shutter Speed	: 1/60s

Waterfall...

To fulfill the requirements of this assignment, we need to use a tripod and take photos of either a waterfall or a moving object using different shutter speeds for each shot. Unfortunately, I couldn't find a waterfall to photograph, so instead, I captured images of water running through a drain using varying shutter speeds. Although it may not be the ideal subject matter, I believe it effectively fulfilled the assignment's objectives.

High shutter Speed

CANON EOS 650D

Sittard

Focal length	: 55mm
Aperture	: *f 5.6*
ISO	: 400
Shutter Speed	: 1/30s

Low shutter Speed

CANON EOS 650D

Sittard

Focal length	: 55mm
Aperture	: *f 16*
ISO	: 400
Shutter Speed	: 1/4s

DOF...

Bokeh is influenced by a variety of factors including the shape and size of the camera's aperture, the distance between the subject and the camera, and the distance between the subject and the background. I tried to capture something that at least shows some shallow depth of field. Even though it's not the best example but I think the below image served it's purpose.

CANON EOS 650D

I-Team Global, Eindhoven

Focal length	: 55mm
Aperture	: *f 4*
ISO	: 100
Shutter Speed	: 1/8s

Noise...

Noise plays a crucial role in terms of capturing a clear imager. In this image we are required to work with noises to find out how different values can enhance or decrease the quality of a picture. I have adjusted couple of images that I captured using higher and lower ISO values.
The below picture has comparatively lower ISO which brings out a clear and sharp picture. When you increase the ISO, the camera's sensor becomes more sensitive to light, which allows you to take photos in low-light conditions without having to use a slow shutter speed or wide aperture. However, increasing the ISO can also introduce digital noise or graininess into your photos, which can affect the overall image quality.

CANON EOS 650D

At Home

Focal length	: 55mm
Aperture	: *f 16*
ISO	: 100
Shutter Speed	: 1/30s
Exposure Value	: -1

Higher ISO

In this picture I used a higher ISO value. As you can tell by the image below that it does look like dried up or a gainless photo. So while capturing photos using full manual mode it's important to take care of the ISO to get a much cleaner and better quality picture.

CANON EOS 650D

At Home

Focal length	: 55mm
Aperture	: *f 5.6*
ISO	: 3200
Shutter Speed	: 1/1000s
Exposure Value	: -1

Picture Composition...

For this assignment we are required to work on picture composition. Picture composition in photography refers to the arrangement of visual elements within the frame of an image. It encompasses a wide range of techniques and principles that photographers use to create a visually compelling image that tells a story, evokes emotion, or captures a moment in time. During this photography assignment I worked on different task which resulted in shooting pictures that mathes with the picture composition terms. For this assignment I will display some of my favourite shots.

Lines

This railway track looks like a perfect curved line. This looks like the track took a turn and got vanished somewhere. This can easily create a perspective on viewer's mind.

CANON EOS 650D

Sittard station

Focal length	: 55mm
Aperture	: *f 5.6*
ISO	: 100
Shutter Speed	: 1/50s
Exposure Value	: -1

This is another example of lines in photography composition. This creates an impression of a straight line and the running train automatically creates a sense of depth and perspective on viewer's mind.

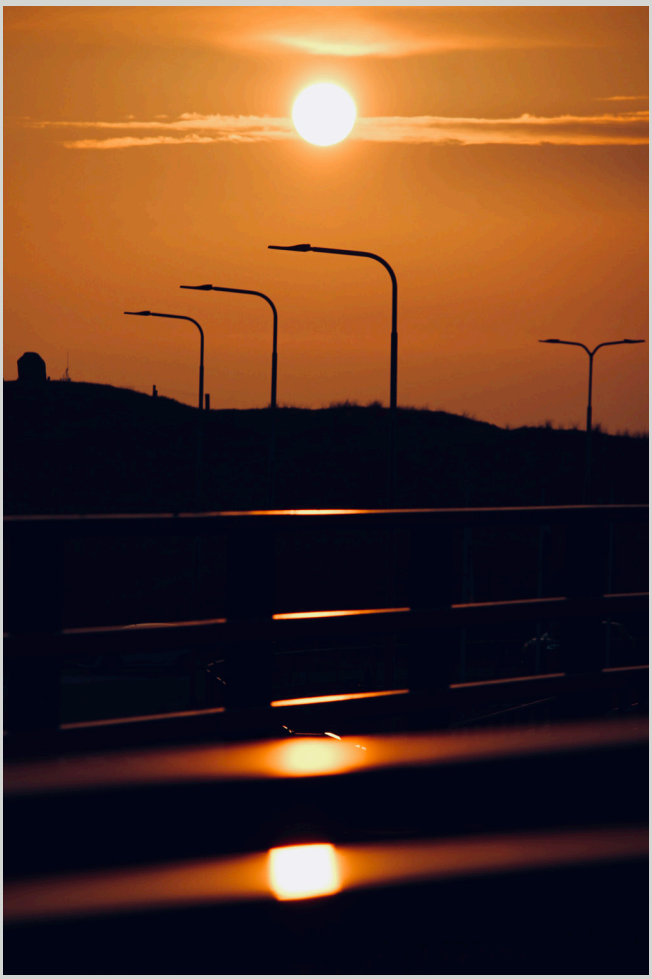
CANON EOS 650D

Sittard Station

Focal length	: 24mm
Aperture	: *f 4*
ISO	: 160
Shutter Speed	: 1/320s
Exposure Value	: -1

Vanishing Point

a vanishing point refers to a point in the image where parallel lines appear to converge or meet at a single point in the distance. This occurs due to the effects of perspective, where objects that are farther away from the viewer appear smaller and closer together. The vanishing point is the point at which these lines appear to converge, giving the image a sense of depth and distance. In this picture, the reflection of the setting sun's light on the steel creates a striking effect where the lines appear to vanish into the sky. The light bouncing off each rail creates an illusion of disappearing into the outer space, adding a sense of depth and intrigue to the composition



CANON EOS 650D

Texel, North Holland

Focal length	: 152mm
Aperture	: *f 5.6*
ISO	: 100
Shutter Speed	: 1/1600s
Exposure Value	: -2

Motion Blur

Motion blur is a photographic effect that occurs when a camera captures a moving subject while using a slow shutter speed. When the camera's shutter is open for an extended period, any movement in the scene will create a blur or streak across the image. The below image shows some cyclists cycling on the bank of the sea and the picture looks like time got froozen for a while.

CANON EOS 650D

Texel, North Holland

Focal length	: 70mm
Aperture	: *f 8*
ISO	: 100
Shutter Speed	: 1/100s

Sharpness

It's important as a photographer to achieve maximum sharpness in an image. As a beginner I often find it tricky to capture the sharpest image. The following portrait of myself contains a good detail as an image. It also captured some blur effect in the background.

CANON EOS 650D

Texel, North Holland

Focal length	: 100mm
Aperture	: *f 6.3*
ISO	: 400
Shutter Speed	: 1/200s

Middleground

The middleground is the area of the image between the foreground and background. It often includes elements that provide additional context or interest to the subject. In this picture I kept my phone in the middle and the mouse at front and the lens in the background. I tried to focus on the apple logo so that it create a blur effect in the foreground and in the background as you can see in the picture.

CANON EOS 650D

At Home

Focal length	: 45mm
Aperture	: *f 5.6*
ISO	: 3200
Shutter Speed	: 1/50s

White Balance...

In photography, white balance refers to the process of adjusting the color temperature of an image to accurately represent the true colors of the scene being photographed. White balance is typically measured in degrees Kelvin (K). The color temperature of daylight is around 5500K, while indoor lighting can range from 2000K to 4000K, and candlelight is around 1500K.When the camera is set to the correct white balance, it will ensure that the colors in the image appear accurate and natural. If the white balance is not set correctly, the image may have a color cast, which is a shift in color towards a certain hue. In this assignment we are required to work on color casts for white balance to understand how it works

Different Color Combination

For this assignment I have captured different shots in different white balance mode. In the following image you can easily tell the difference my looking at the same picture with different color temperature. This way we can easily understand how color temperature can affect shooting. So it's important to make sure that in the picture the balance should appear as neutral white.

Daylight

Cloudy

Shade

Tungsten

Fluorescent

Portrait...

In photography, a portrait is a photograph that captures the likeness, personality, and character of an individual or group of people. Composition and posing are also important in creating a successful portrait. The photographer must consider the placement of the subject within the frame, as well as their body language and expression. A well-composed portrait should draw the viewer's attention to the subject and convey a sense of personality and character. Un the following pictures I have captured different portraits of my friend with different frame keeping in consideration.

Landscape...

Caution: These are mobile photography.

In the Meadow

In photography, a landscape is a photograph that captures a wide view of a natural or urban environment. Landscapes can include a variety of subjects, such as mountains, rivers, forests, deserts, cityscapes, and more.When taking a landscape photograph, the photographer's goal is to convey the beauty and grandeur of the scene while also creating a sense of depth and scale. While I was cycling on the bank of The North Sea in Texel Island I decided not to return without capturing a landscape shot. The place looks so peaceful and it took my sorrows away :))

CANON EOS 650D

Texel, North Holland

Focal length	: 89mm
Aperture	: *f 8*
ISO	: 100
Shutter Speed	: 1/250s

Background Compression...

It's worth noting that background compression is not the same as depth of field. Depth of field is the range of distance in an image that appears acceptably sharp, while background compression refers to the effect of making distant objects appear closer to the subject. The two concepts can work together to create a visually appealing image, but they are distinct photographic techniques.For this assignment I will display two different pictures captured with different focal length. Even though they look similar but there is a slight difference with the focal length that was used.

Rider of The Sea

CANON EOS 650D

North Sea, Texel

Focal length : 135mm
Aperture : *f 5*
ISO : 250
Shutter Speed : 1/1250s

CANON EOS 650D

North Sea, Texel

Focal length : 143mm
Aperture : *f 5*
ISO : 250
Shutter Speed : 1/1250s

Learning Outcomes...

When I first heard about this photography assignment, I was thrilled to take part as I had always been interested in photography. Although the course was intense and challenging, I was excited to learn about working with a DSLR camera for the first time. I do not consider myself to be very photogenic, but I have occasionally taken photos in the past. This assignment helped me to gain a better understanding of the basics of photography, including using different modes for different types of shots. In particular, I found manually adjusting the focus and using AI Servo mode to be very helpful when trying to capture moving objects. I also learned about the benefits of using aperture priority mode to measure depth of field. I watched several tutorials on YouTube to expand my knowledge and improve my skills. While the bonus task was not included in the assignment, I am interested in trying it out on my own to see what I can accomplish. Overall, this assignment has given me greater control over my device and has encouraged me to think more creatively. Although I do not consider myself to be a photographer at this point, I am interested in exploring wildlife photography as a potential area of interest in the future.

Sources...

https://unsplash.com/photos/ny6tO4ltOEY

https://unsplash.com/photos/lfRlv3nuf78

THE END