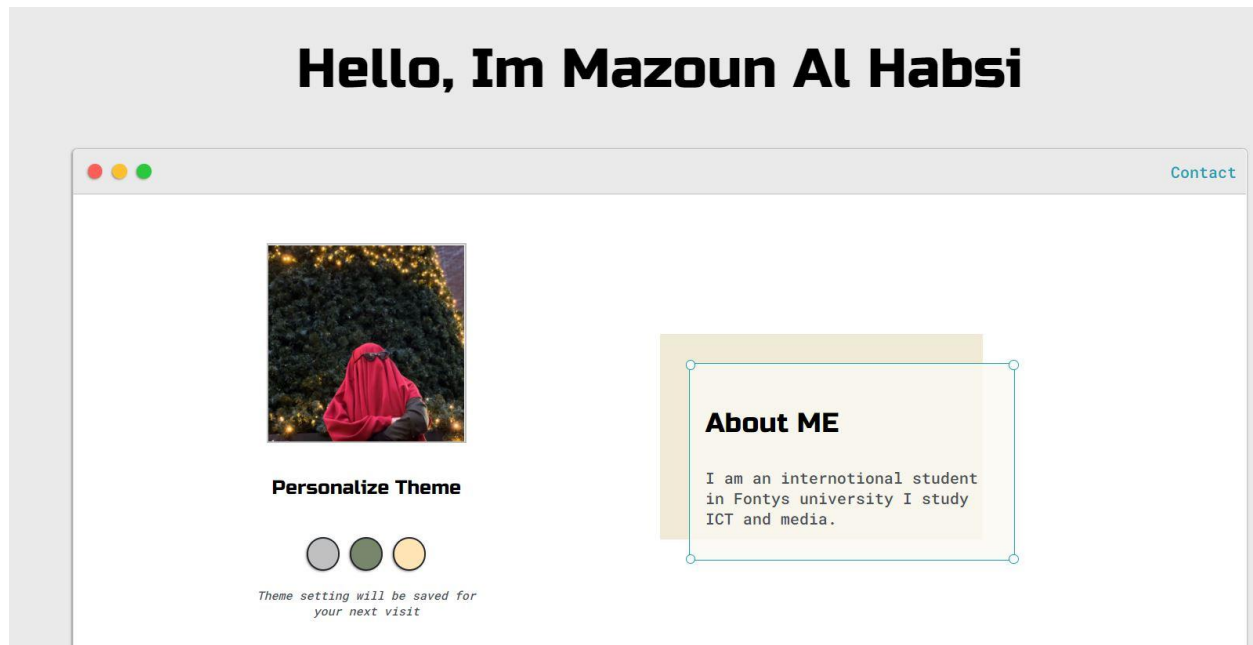Front End-Develobment

PITI REPORT
Personal Portofolio Website

Introduction

The very first website I made is a personal website about me, my likes and dislikes, hobbies, social accounts, pictures, posters and etc... I followed an online tutorial on how to do a personal portfolio with some Javascript codes. I thought the idea that was the idea.

The second website I made is a gallery website. All images on the website were taken by me. I intended at first to make it as a website of my country, but then I changed the idea to show just galleries. The next website I will be doing will be about my country, and since I like to do two birds one stone on most of my work I will publish the website if it feels great.

Finally, I will make all websites connected to my personal website. However, I will not publish all websites. What's more, I will be updating all the websites in the long run.

W1.Personal Portfolio

I wasn't too sure about this website. I had the wrong idea that we have to do a personal website about ourselves. However, since I haven't done this in the first semester I can say I learned a lot by doing it.

What I have learned on this website:

- Grids and Flexbox
  - Grid: I found this website where it explains a lot about gride columns, gride rows, grid area, and the most important grid template area. The grid template area was a key point on the responsivity of the website, it is easy to specify the locations of the element with this code. The link of the website: https://css-tricks.com/snippets/css/complete-guide-grid/
  - Flex: On the same website I found a good explanation about the flexbox as well. What I understand from these CSS codes that we can adjust items on a freeway, not like the grides. I also learned what's the meaning of the parent element and the child element. The link to the website: https://css-tricks.com/snippets/css/a-guide-to-flexbox/
  - I learned that in order to use Flix or Gride we have to specify the display first as (display: flex;) or (display: grid;).
- JS theme edit and library
  - I learned that we connect the javascript codes as the way we link the CSS.
  - I learned that we can get data from the library of the page and use it. It is much similar to reading an Arduino chip but instead, you read user clicks.
- Shadows, and Drawing on the website
  - I learned that we can make a lot from HTML and CSS codes. At first, I thought it is not that deep and we need to use other languages to do these tricks like the 3 colored circles and the similar apple page.

- Text highlight, Opacity, and Rgba
    - I learned that it is easy to this thing on the website and the apportonites of using Rgba. I learned that the Rgba allows you to choose the color and the opacity at the same time.
- How to make a downloadable document
- How to link social accounts and open them on another window
- Use one CSS file for the whole website
- Variables use

Finally, I only watch one youtube tutorial to learn all of these things. I should say that I learned many things from creating this website. The link to the tutorial: https://www.youtube.com/watch?v=r_hYR53r61M&list=LL&index=33&t=5628s

W2.Gallery website

The idea of this website is to make a fully hover gallery website. I used javascript in every page I made. I followed many youtube tutorials to get the best of this website. I learned many new things in this phase.

What I have learned on this website:

- Connecting css or js or img on a different folder.
    - Using ../foldername/folder name/img.jpj
    - Using background: url(..); on css and so on
- Creative hover Text Scrolling
    - With using js, classes and the overflow codes. What's more, in js I had to spacifiy the needed time for both the inner text and the text that shows on top of the video background.

- 3D Rotating Image
  - I saw a youtube tutorial to do this. However, when playing with some codes and numbers I found that I can make different animation on a specific time and then change the animation speed and direction.
  - This action was possible by using the (@keyframes) , spacifing the perspective pixels and the rotation degree.
  - I add the image shadow reflection as well using (transform-style: preserve-3d;)
- Responsive Image Card with vanilla tilt js
  - On these step I did not code the js but I included a library as to change a bit. I fixed the css to my needs and add as many images as I wanted. I used flex display option to align the aliments on the page.
- Use classes on js
  - I learned that we can call the classes from the html codes to the js codes by adding a dot on front of the class name. (".calssName")
- Make a glassy layer, a video background and implement it in all pages
  - Spacigfing the hight, the widt, the position and the backdropfilter allowed me to do this step. For the rest of the pages I had to use z-index codes to specify what comes first and what comes last, this can be seen mostaly on the Masfat Alabreen page(M.A.html).
- Postion
  - When spacifing the position of text I understande that some times the text comes on the position that I need but it does not start from the place it should there for I had to use this code (Transform: translate(-50%, -50%);).

- I learned that in css we can make all text uppercas or downcas by using this code (text-transform: uppercase;).
- Show different image when clicking to view more
- Flex-wrap
  - I learn that it sets whether flex items are forced onto one line or can wrap into multiple lines.
- I used new things like: Section, span, tranfarm, TranslateY and more on css. I used scroll, remove, add, event listener , queryselector and reading from the window.

Finally, I tried many youtube tutorials however not all of them worked. For the main page I saw how to add the background video, the glasse layer and the js animation for the glassy layer and the speed transform. The link to this tutorial is: https://www.youtube.com/watch?v=r_hYR53r61M&list=LL&index=34&t=5629s

The link for the 3d rotating images: https://www.youtube.com/watch?v=j1-Ak3WWV_g

The link for the transform scroll effect: https://www.youtube.com/watch?v=LFY3e53wBPw

The link for the vaniel tilt js: https://micku7zu.github.io/vanilla-tilt.js/

The feedpluse document is on my personal portofolio.