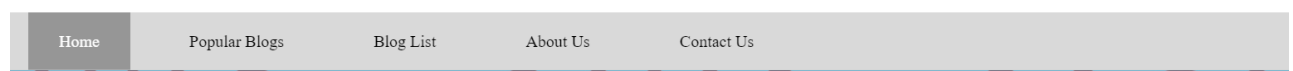*Web Design Task 3*

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Explain how you have managed to build the basic layout and style of your website (KU3).

To create this website, I started with creating the home page, I created a home.html file and started to create the basic layout. I also created a CSS file named BlueCss.css and linked the stylesheet in the html file in the <head> section by using a <link rel="" href="">. And I also have linked a grid CSS that was provided from our lecturers.

First, I typed '!' and pressed enter to have the default layout and under body (<body>) I built the title bar layout by creating a div and an id so then I can style it on the CSS file. For the font to be big I put the name PEWDIEPIE (Line 16) in header 1 and added in the same line the logo image. Then in the CSS file I added a #TitleArea{ , and gave it a padding setting of 0.5px and a background colour white(I used a hashtag because it is not in a class, it's in a ID.) and for the logo, in the CSS file I gave it a position: relative, a top: 18px and a width:60px this is so the logo is small and fits exactly next to the title.
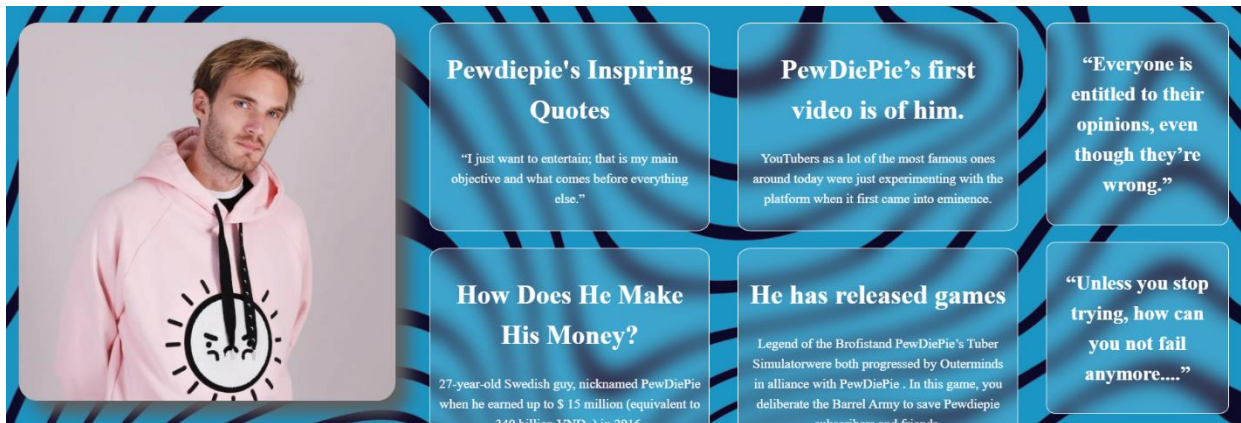

Then I created the navigation bar by opening a <nav> abbreviation and adding a class inside it called "navbar" and under it I added a div and id="nav" to style in the CSS. Then I used a link system and linked the 5 titles to their own html file to have more pages in the website using <a href="">. After in CSS file I did a .navbar{ and added padding-left: 30px; background-color: #D9D9D9; overflow: hidden; border-bottom: 1px solid #d1d3d5; align-items: center. And a #nav {with a width of 50%, display: flex, Justify-content: space between. This is so that there is space between the text. And to make it look nicer, in the CSS I did a hover, so when I space the curser on top of the word before clicking it will change colour. So to do this I linked the titles a{ added colour to the text and a:hover{ padding: 15pm 30px; and background colour to a greyish colour. Like here below:
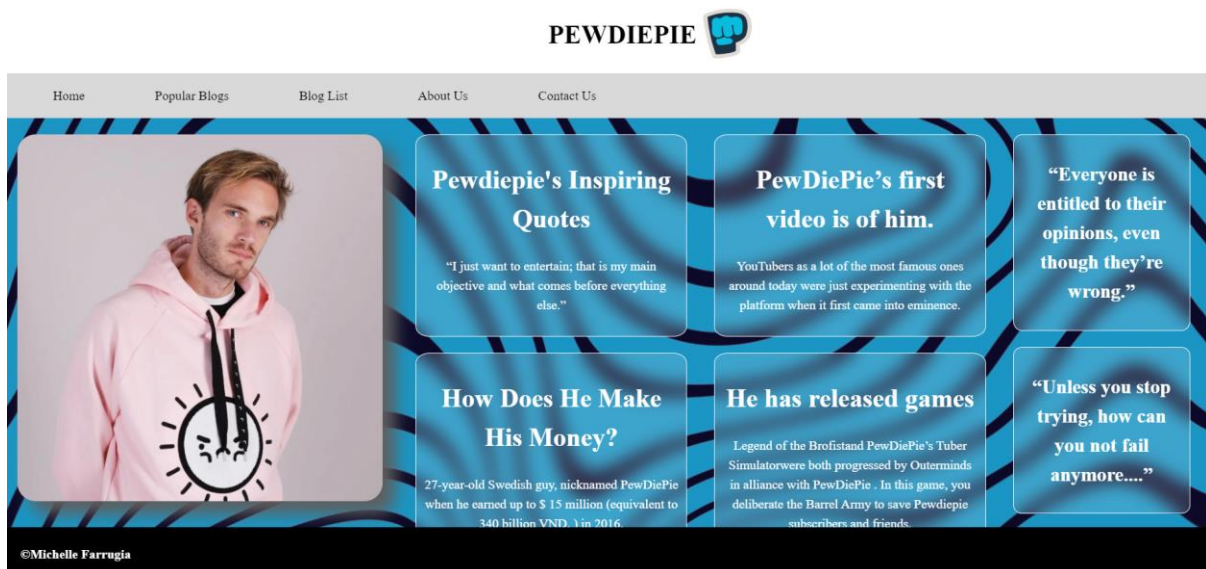

So, after have the title and the navigated bar done, I moved on to the home layout. For the main image I placed the image in a div class col-4 so that it has a good amount of space. I

added the image with an id=" homeimage" to style later on. Then I want to have 3 column of boxes so I did 2 div with class col-3 and the 3ʳᵈ column col-2 because I wanted it narrower than the others. In each box I added a header <h1> and a paragraph <p>. And to create the box I gave all the text a class="Homebox". Then in the CSS file I did a .homebox{ border: solid 1px rgb(255, 255, 255); for the outline of the box. A border-radius: 5%; for the box to be a bit rounder. A background-color: white; , A padding: 10px; margin-top: 20px; display: block; margin-right: 5%; background-color: rgba(255, 255, 255, .15); and backdrop-filter: blur(10px); so it can have a glass effect style. And it showed like this:

And to have a background image as shown above, in the CSS file I did body{line-height: 1.5; margin: 0; background-image: url('BlueBackground.jpg') This is to have the background as the image linked; background-repeat: no-repeat; background-attachment: fixed;   background-size: 100% 100%.
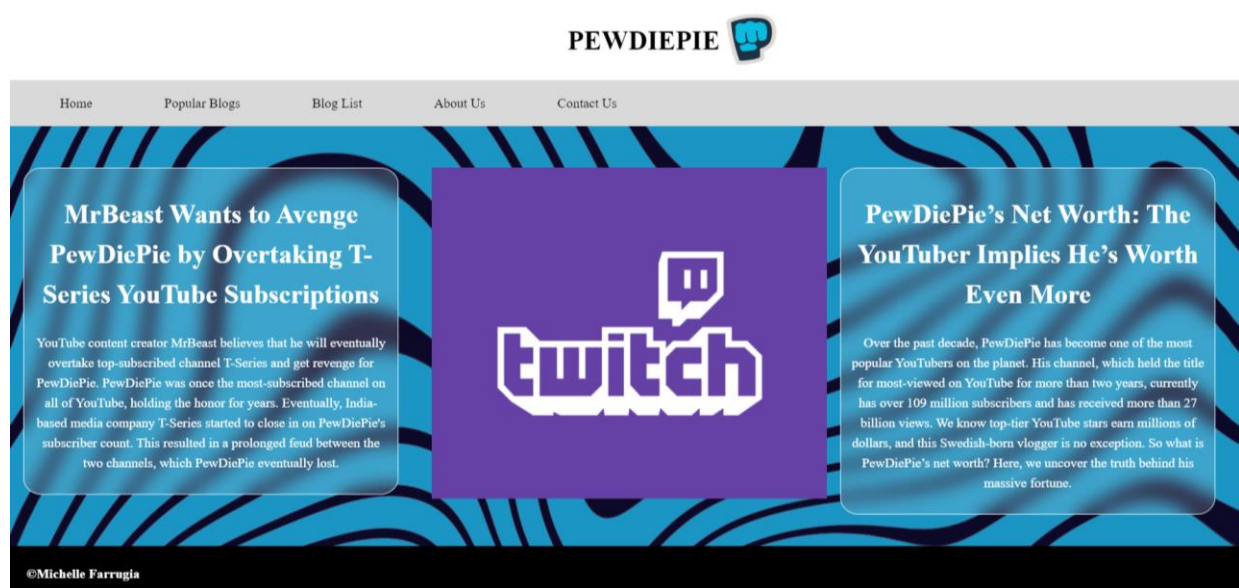
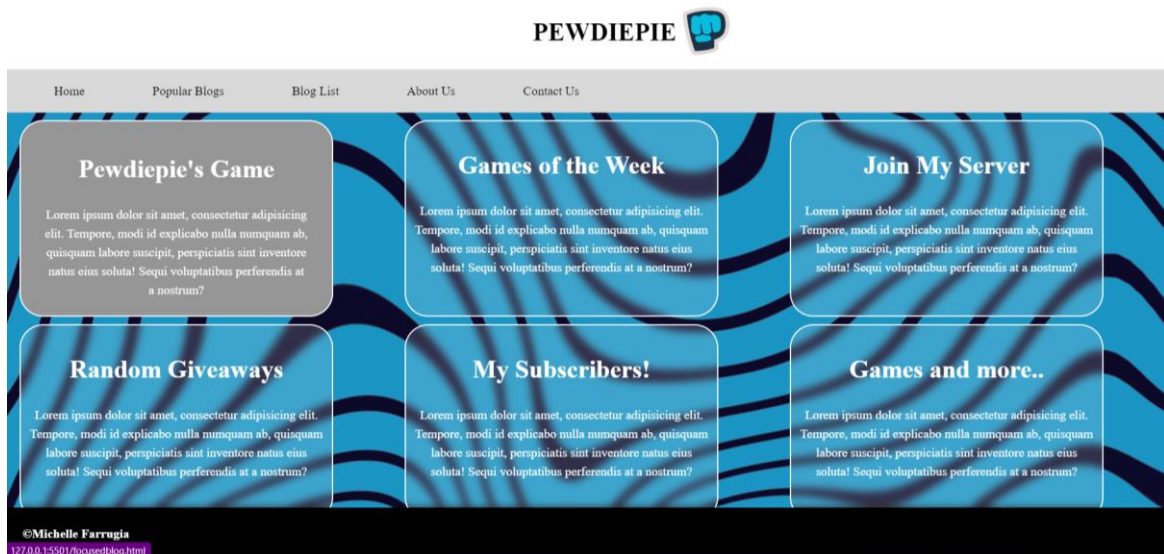And finally, I added a footer using <footer> and an <h4>.

And this is how the home page looks like.

So now I have the basic layout done, so for the other pages, I copied the code of the title bar, the navigation and the footer. And with this I can only change the content.

For the popular blogs page I just added a box with text on the left, in the centre I have an image and on the right I have another box with text. And to do this I added another container and class with the col-4 to gave a good grid system and added a heading <h1> and a paragraph <p>. For the image I also gave it col-4 and gave it an id of "twitchLogo". And Repeated again the same layout for the other box like the one on the left. And for CSS I used the class name called. popbox{ and gave the text a box with border,colour,and a blur filter, I used the same specification from the boxes in the home page but gave the class another name just in case I want to adjust it differently. And it looks like this:
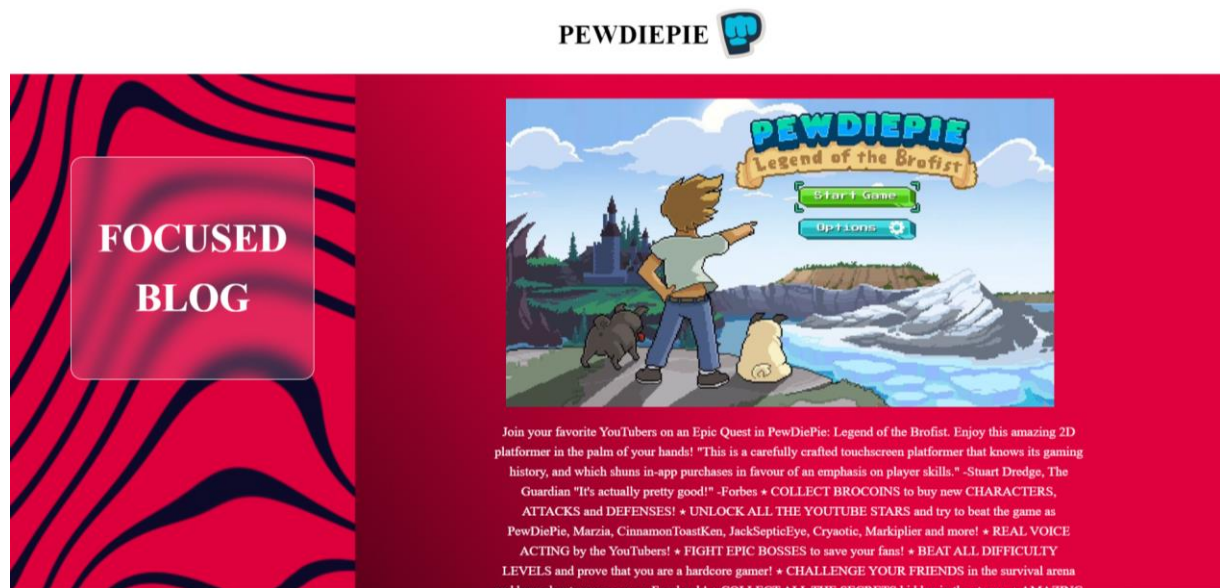

Moving on to the Blog list page, I used the same code as the home page for the title bar, navigation bar and footer. Then I added a container and gave them all a class=col-4 so that all will have the same spacing. And the same as the popular blog, I created 6 headers and paragraphs and gave them a class=" bigbox" to style it in CSS and used the same specifications as the other boxes in the other pages. After I linked all the boxes so when it is clicked it will show a focused blog. So under each class="bigbox" next to it I added an href="focusedblog.html"> and added an 'a' before class to be a link. Shown below:
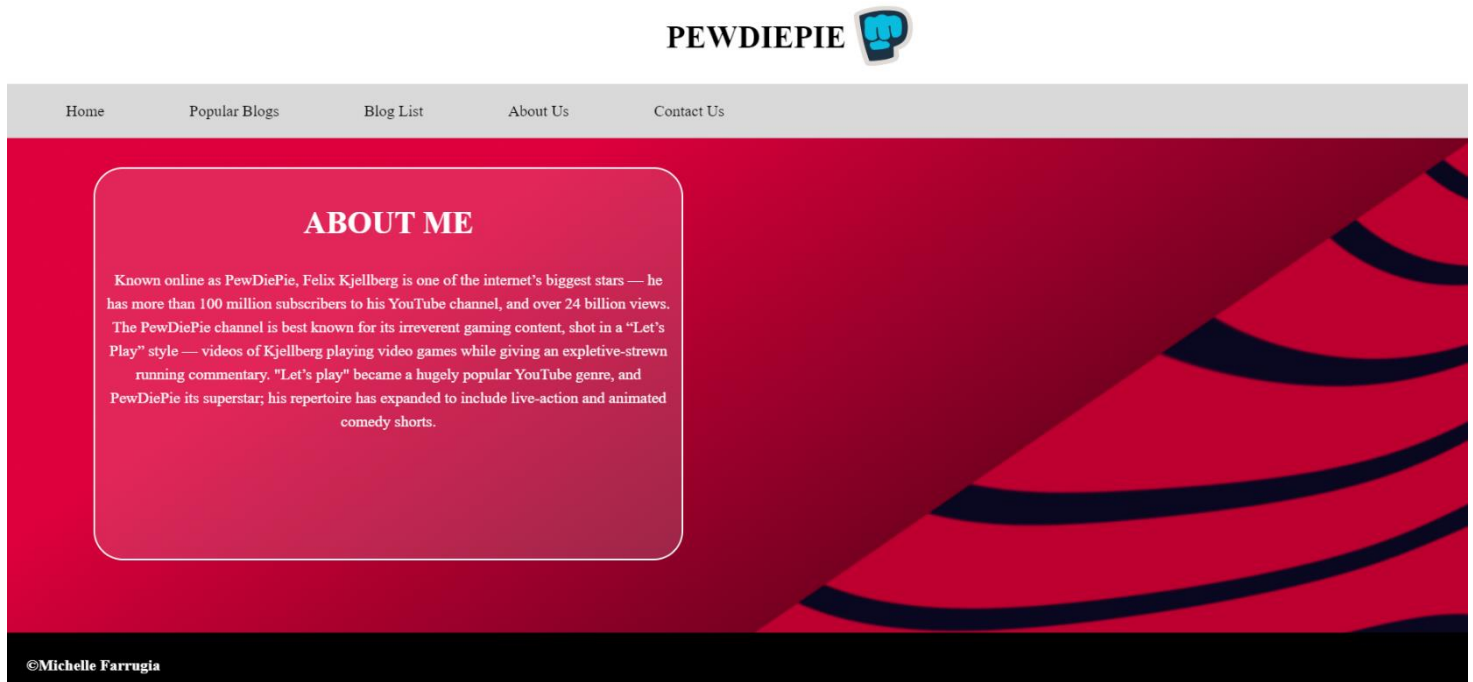
So, then I created another html file named focusedblog.html. I used the same code for the title only this time because for the focused blog I didn't want it to have the navigation bar and footer. Since I want the background differently, in the <body> I typed <body class=" focused-bg"> so like this I gave it a class and change the background in the CSS file. In the CSS file I typed body.focused-bg{ and I added a background-image: url("") and added the image I want it to be. I added a class with the h1 title. Then In the CSS file I added the same specifications as the other boxes in the website but changed the margin because I want the box to be on the left side. As shown here:

Then I wanted to add an image, so I added a <div> and a class with a col-4. Then I added the image and gave it an ID called "focusedimage" and in the CSS I gave it these specifications top: 150px; width: 45%; right: 210px; position: absolute, these are to change the size of the image and position it. Then for the text under the image I added another container and a row will col-6 and class="focusedtext" and these are the specifications I added in the CSS file for the focused text class text-align: justify; margin-left: 80%; margin-right: -80%; margin-top: 50px.

For the about page, I used the same code for the title, footer, and navigation bar from the homepage. And since I wanted it to have a different background, in the <body> I changed it to <body style="background-image: url('aboutBackground.png')" > so like this, it will link the body with the image I want it to be. For the text box, I added a container, and a col-6. Then I added a header and a paragraph. In the CSS file I added the class .boxabout{ with the same specifications as the other boxes. And the result is this:

And finally for the last page which is the contact us page I used the same code for the title, navigation bar and the footer, and also used the same box code and changed the class to boxform. For the background picture, I added a class in the body <body class="contact-bg"> and in the CSS file I did body.contact-bg{ and added the background-image in the url link. Then, in the box, I wanted it to have a fill in form, so I used <form> like this :

<form action = "mailto:michelle.farrugia.f32377@mcast.edu.mt"> - this is where the forms will be received to.

<input type="text" value="Name">

  - this is where the user types its name.

<input type="email" value="Email">

 - where to add your email.

<input type="tel" value="Phone Number">

   - where to add your number.

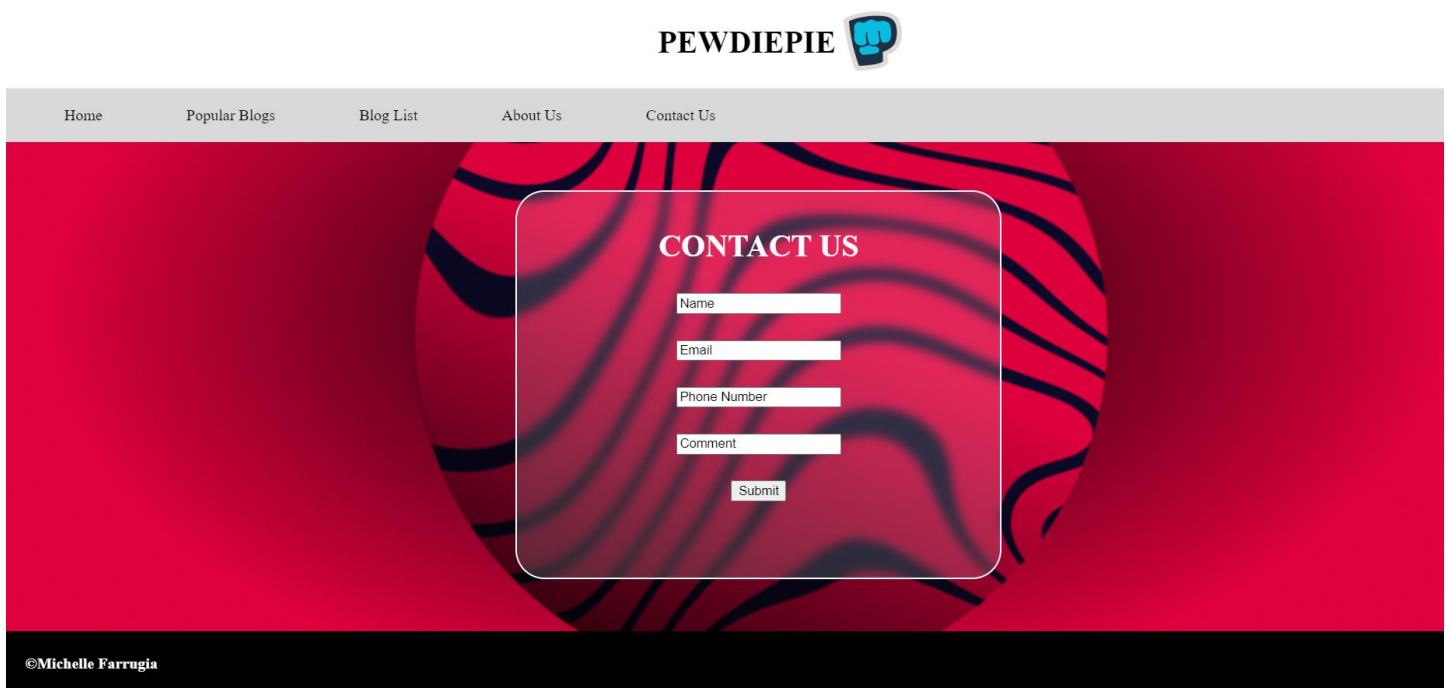<input type="text" value="Comment">

  - any comments you want to add.

<input type="submit" value="Submit"> - and a submit button.
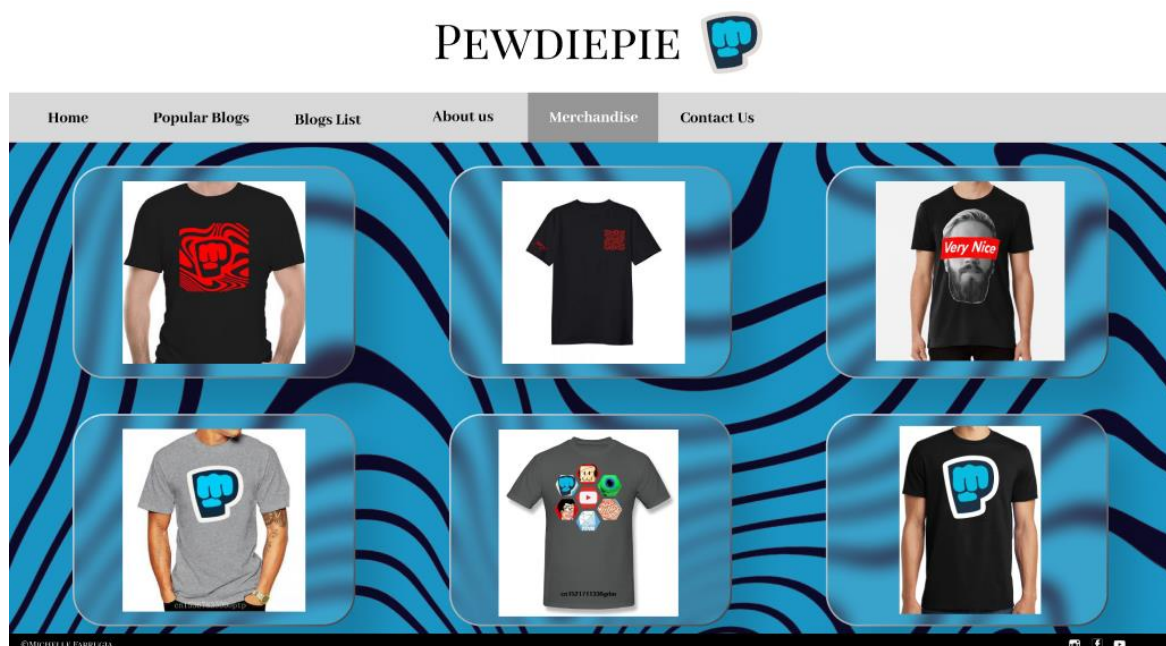
</form>

And it shows like this:

Any deviations in layout and functionality from the original plan, as well as potential improvements to your final work must be discussed. (AA5)

Throughout the whole working process, I encountered some difficulties when I had to create the layout. Since I have never learned the basics of code before, It was all new for me. I had some problems when creating the layout mostly when it came to the positions, how to move the subject or box. After I created the mock-up of how I want my website to look like I forgot that I don't have a lot of knowledge of the basics so it was a bit of a shock because I didn't know from where to start and I made the mock up quite elaborate rather than simple. I had a bit of a problem with the blog list page because the boxes where not coming next to each other after I changed the classes to links, but then I noticed it was because I didn't have two closing divs. But after dedicating quite a lot of time I managed to do everything of how I wanted it to look like.

Some potential improvements of my final work would be that for example in the navigation bar, if I click on one the hover colour doesn't stay on so you can easily forget which page you clicked, so I would have searched more on how to do it because it would have been helpful and looked better. Something else I would have changed is the contact form, it would have looked better if I styled it a bit like made the boxes bigger and the submit button circular. And maybe instead of having a lot of different background, I would have stuck to one or two background.

Select two from the following list of Internet Services and discuss what changes could be applied to your website to add dynamic content to your pages (KU1, KU2). You are encouraged to create visual mock-ups that will help give context to your explanation.
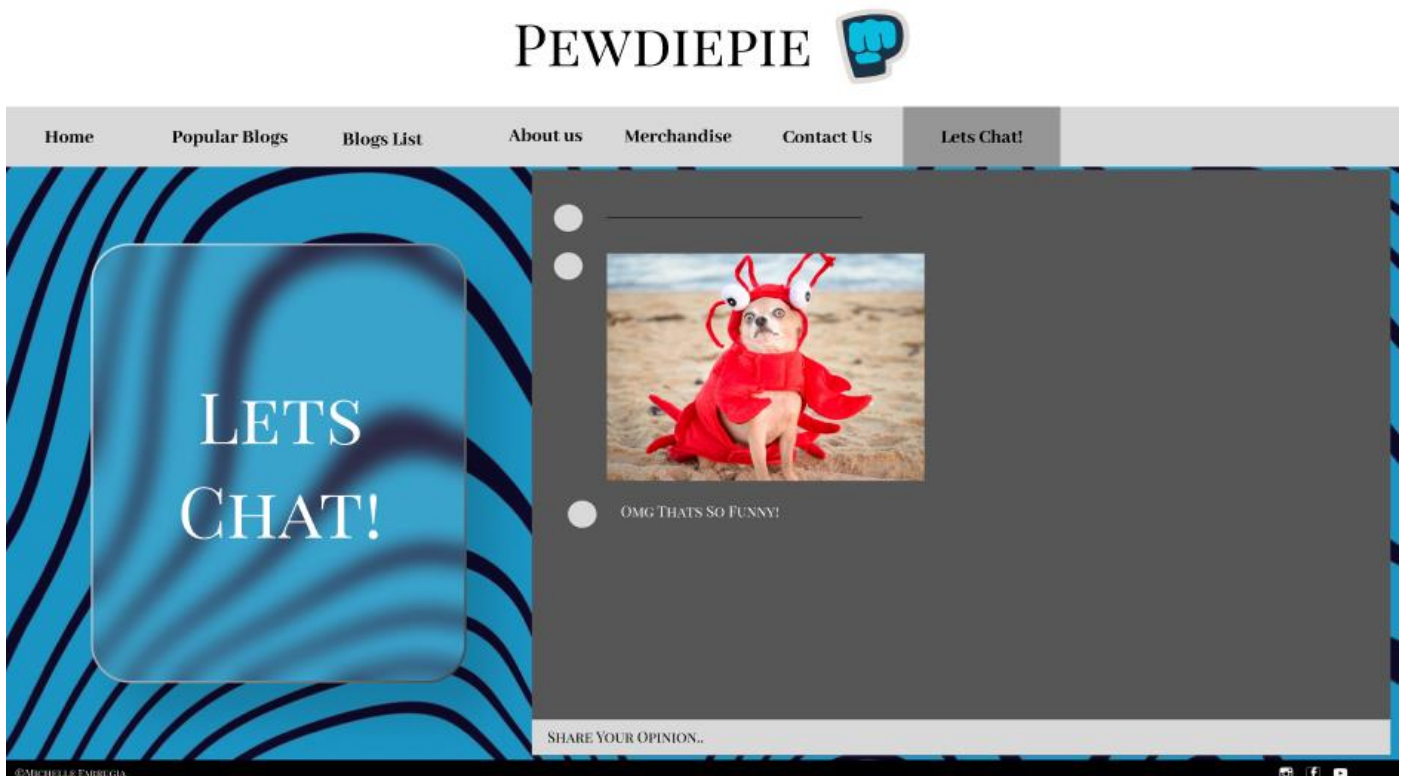
The first one would be **e-commerce**. I think it would be a good fit for my type of website. Since it is about PewDiePie, it can have an e-commerce page where he can upload his merchandise and maybe

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some games that he releases through the website. It can be on a separate page where there would be all the merchandise to choose from and after selecting all the items needed, you will be proceeded to check out where you would need to input your bank details. It would look like something like this:

You would be able to click on the items and there would be another page where you can have a small description and the price and you can pick which size that you are looking for. I would also put how many stock are available so then if it is out of stock, the users would know before paying.

The other internet service would be **communication services**. It would be a public chat where everyone can communicate with each other and give their opinions. There would obviously be regulations and would be monitored. There would also be a report option for people that would be misusing it. But I think it would be a great idea because people can interact and also the influencer can reply to their messages and it would be a great opportunity for the users. So, this would benefit the website so have more engagement.

References

Geeks for Geeks, 2022. *Internet and its Services.* [Online]
Available at: https://www.geeksforgeeks.org/internet-and-its-services/
[Accessed 25 January 2023].