

ART OF PIXELS

END TERM REPORT

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Student Declaration

This is to declare that this report has been written by us. No part of the report is copied from other sources. All information included from other sources have been dully acknowledged. We aver that that if any part of the report is found to be copied, we shall take full responsibility for it.

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BONAFIDE CERTIFICATE

Certified that this project report Art of Pixels is the Bonafide work of Krishnanunni R Nair and Shivam who carried out the project work under my supervision.

Signature of the Supervisor:

Name of the supervisor: Nikita Kaushik

Academic Designation: Faculty

ID of Supervisor: 25821

Department of Supervisor: School of
Computer Science and Engineering

INTRODUCTION ON PROJECT

Objectives:

- ❖ Design a responsive website on photography.
- ❖ Create sections for different topics.
- ❖ Design gallery and albums for the topics.
- ❖ Create link to popular website which are collection of pictures on a particular topic.
- ❖ Help people to get images/pictures easily by directing them to those websites.

Background:

The website "Art of Pixels" is a responsive website designed mainly for people looking for pictures on various topics.

From my personal experience (Shivam) I have found that it is very difficult to get the right pictures for various purposes such as projects, presentations, creating collages, making posters, wallpaper for laptops or smart phones etc.

So, our teammates decided to design a website that gives more choices to people; they could get the right picture they want, and save time rather than browsing into different websites and finding nothing at the end.

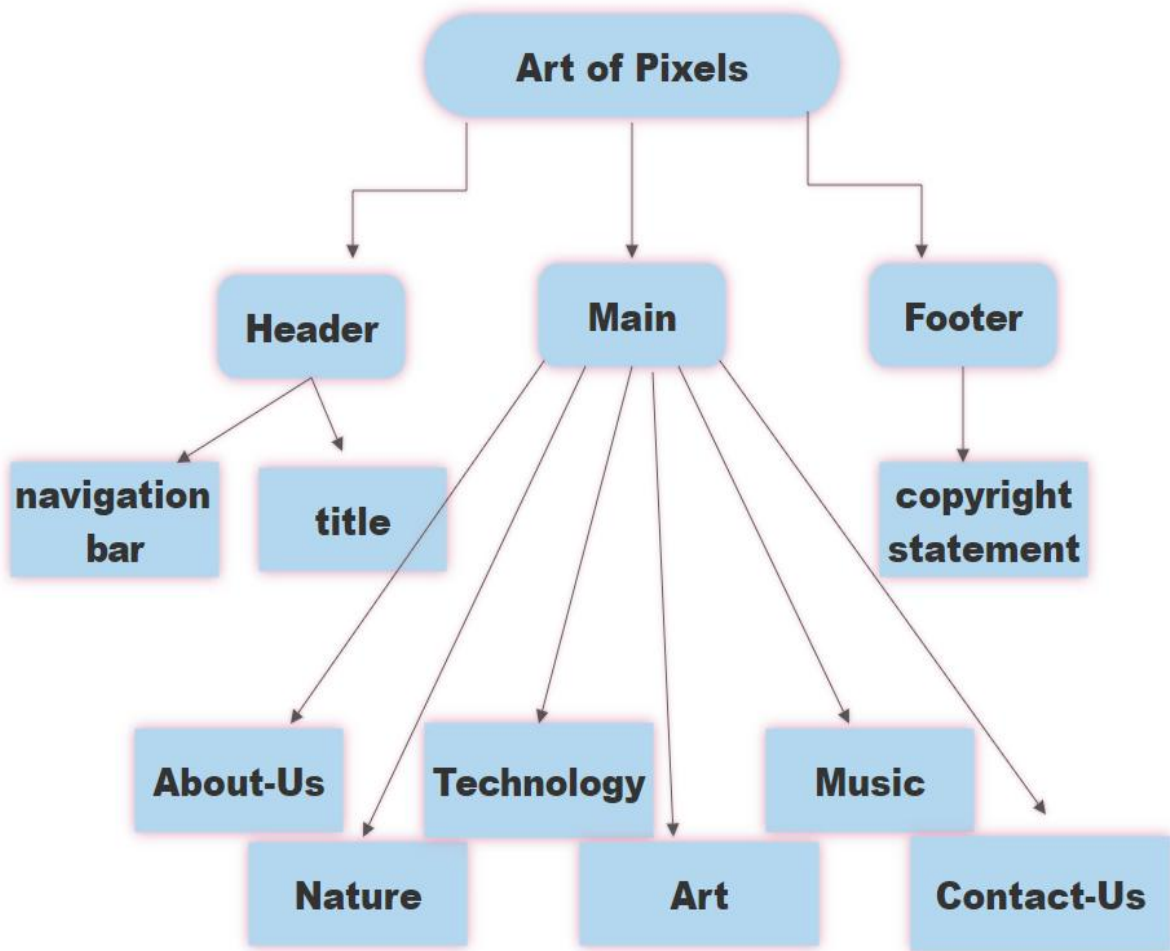
This website comes with four main topics nature, technology, art, music and further has sub-topics for each main topic getting down into the depth of the topics. Those sub-topics have links to certain websites, websites which are popular for having collections of photos for example unsplash, pixabay, pexels etc. Those links not just direct people into these websites but also into the sub-categories listed in the website and provide the required picture.

Outcome:

We created the website as we planned, we designed three sections. First header with the navigation bar and title of the website. Then main section, consisting of five more sections, four mainly for the topics, one for contact purpose and linked them with popular photo websites such that people can easily find the picture or photo he/she is looking for and to jump right into a particular section they can click the required topic from the navigation bar and find themselves in that section. We have added the feature of linking the links into the same page. Footer part designed for copyright purpose and ownership of the website.

The website is simple, minimalistic, easy to navigate, fulfill its purpose.

Description of Project



Work Division among Teammates

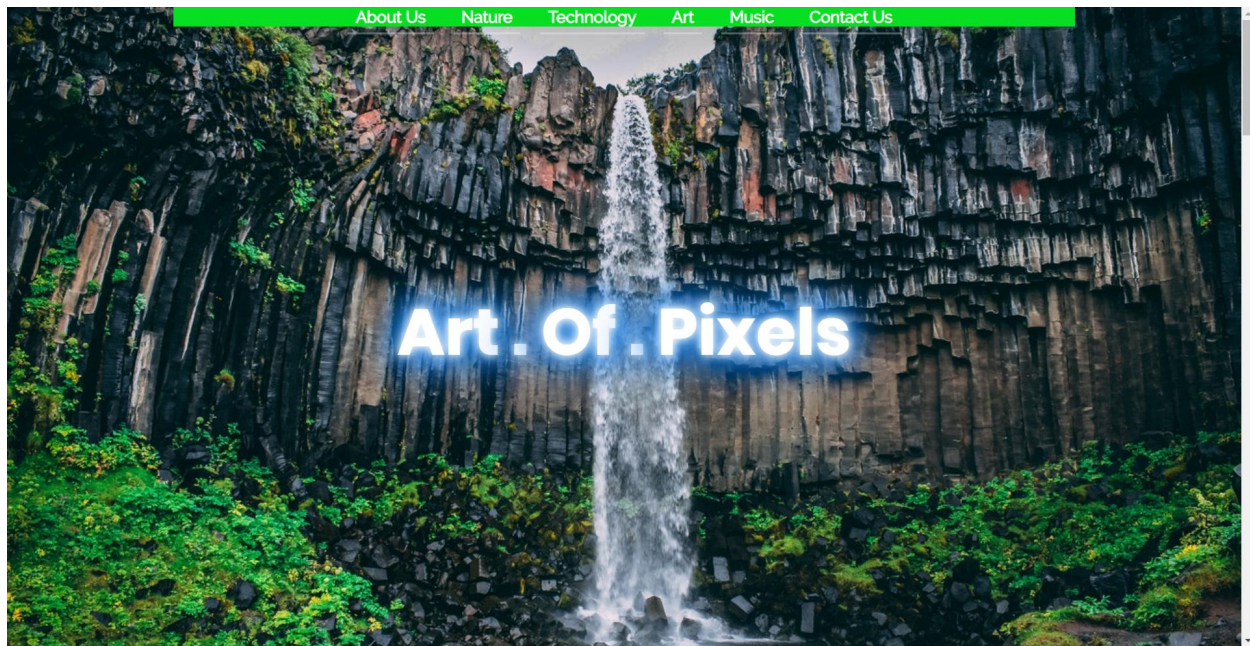
Krishnanunni R Nair:

He did research on popular websites for photos and gathered data for the website [images, google fonts, bootstrap files, quotes]. He designed the slide show section (Technology) of the website and grid layout part (Art).

Shivam:

He designed the website layout and created the navigation bar, header part, title of the website. Other sections such as nature, music and contact-us part and the footer. He also created the different social media account icons. Designed all linkers to various external websites and the same page links too.

Implementation of Project



Explanation: This is the header section of the website which consists of highlight navigation bar and the glowing title of the website over a background image. Navigation bar list navigate to different section of the website on the same page.

About Us

This website is designed for creative, artistic people who wants explore and discover beauty visually. People who loves images and find something different in pictures and build awesome and mind-blowing stuffs out of it.

Explanation: This section briefly describes the objective of the website.

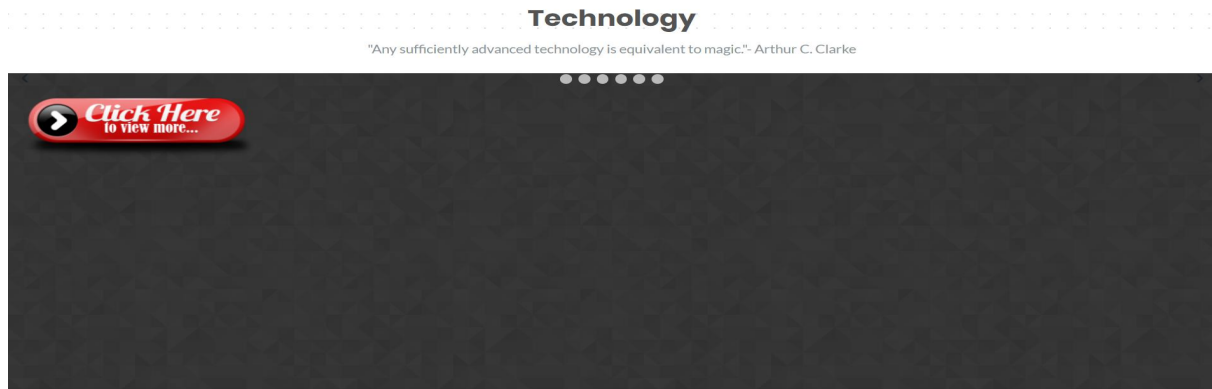
Nature

"One touch of nature makes the whole world kin."-William Shakespeare



Explanation: This section is all related to nature photos. It has a quotation based on nature below that there are four images of different form of nature. Each picture is a link that will direct the user to another website of photo with the collection of similar photos shown on the screenshot above.

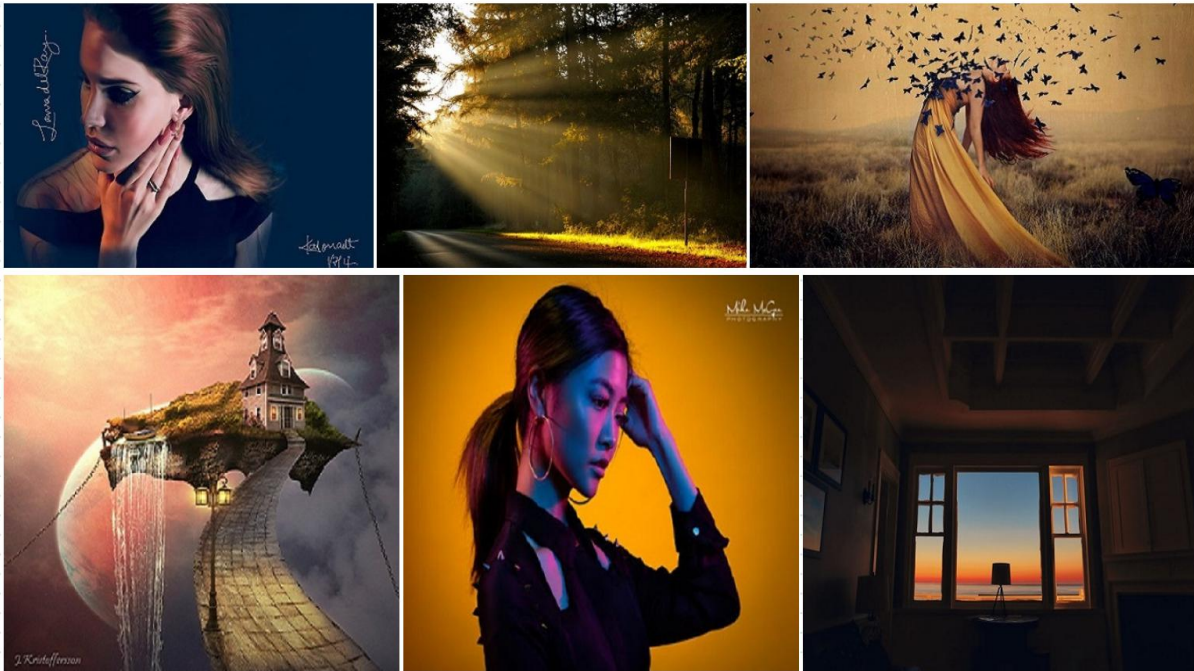
First is a desert picture, if user click on the picture it will direct, he will be directed to a website with collection of desert photos. Similarly, for other pictures



Explanation: this section is all about technology photograph with a quotation on the top and below there is a slideshow of various area of Technology. Initially the background is in black prism pattern, when you click on the dots present on the top center of the background a slide show will start. To change the image, click the next dot another image will appear and so on, to view the previous image click the previous dot. To see more images on technology, click on the click here button.

Art

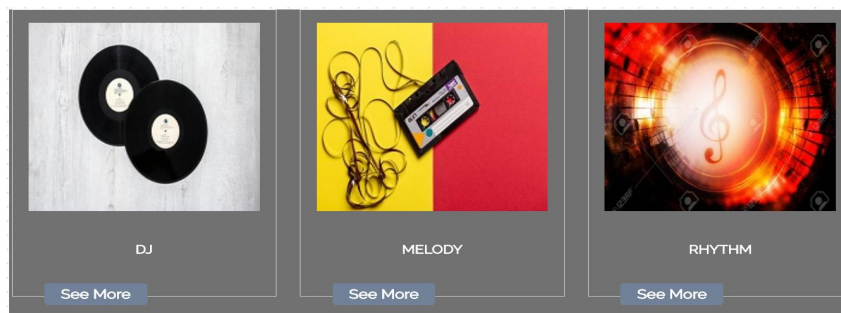
"Photography takes an instant out of time, altering life by holding it still." – Dorothea Lange



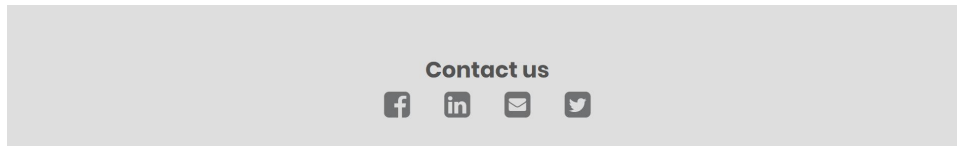
Explanation: This section is art section; you will find artistic photos here and this is designed using the grid layout.

Music

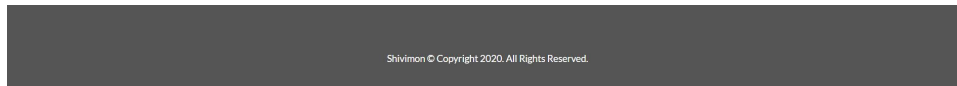
"To live is to be musical, starting with the blood dancing in your veins. Everything living has a rhythm. Do you feel your music?" — Michael Jackson



Explanation: This is Music section; you will find the different genre of music in box container and see more link on each of them to find more similar photos of same genre.



Explanation: This is the contact us section people who wants to contact us can use any of the following social media account and they are directly connected to Shivam's social media account and resolve their issue or provide suggestion to improve this website.



Explanation: This is the footer fixed at the bottom with copyright.

Technologies and Framework

VS Code:

We used Visual Studio Code as our Integrated Development Environment for coding and within that we installed extensions such as HTML CSS Support, HTML Snippets, Intellisense for CSS class names in HTML and Live Server to run the code on browser.

SWOT Analysis

Strength:

Our teammates have good knowledge of HTML tags and attributes and CSS styling features.

We are open-minded and share ideas clearly with each other.

We are good at making a smart action plan.

We are familiar with the IDEs that helped us to code easily.

Weakness:

We know very little about JavaScript.

Indentation error with Visual Studio Code.

Making images fit into the boxes.

Bring a Text over the images and making a slide show.

Aligning the Button on the right position.

Setting the footer fixed at the bottom.

Opportunities:

Internet helped out when we get stuck while designing the website.

Online resources which are readily available for example google fonts,

Icons.

Youtube tutorials.

Threats:

Some tutorial code didn't work the way shown in the tutorial

Content not getting the mentioned styling.

Visual Studio Code not supporting certain extensions.