Photo Gallery Application

* Started with creation of an unsplash Api/generated access key.
* Created 3 files

1. Index.html

Created

* A text input field,Search button and other required tags.

1. Style.css

* Added styling to the html.

1. script.js

* Used event listener to handle the event performed by the user.

searchBtn.addEventListener("click", pictureGal)

* Fetch the value of the text input field entered by the user and pass it into a variable.

const input = document.getElementById("Category")

const category = input.value

* Used fetch method to request api by passing variable name along with access key that is generated into url.
* Added access key in header parameter.
* Used foreach loop for iterating values from an array and displaying it in card format.

**Source code**

**1)index.html**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Picture Gallery</title>**

**<link rel="stylesheet" href="style.css">**

**<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/css/bootstrap.min.css" rel="stylesheet"**

**integrity="sha384-4bw+/aepP/YC94hEpVNVgiZdgIC5+VKNBQNGCHeKRQN+PtmoHDEXuppvnDJzQIu9" crossorigin="anonymous">**

**</head>**

**<body>**

**<div class="containers">**

**<h1>Picture Gallery</h1>**

**<input type="text" id="Category" name="Category" placeholder="Enter category name"><br>**

**<button id="btn">Search</button>**

**</div>**

**<div class="gallery" id="gal"></div>**

**<script src="script.js"></script>**

**<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/js/bootstrap.bundle.min.js"**

**integrity="sha384-HwwvtgBNo3bZJJLYd8oVXjrBZt8cqVSpeBNS5n7C8IVInixGAoxmnlMuBnhbgrkm" crossorigin="anonymous"></script>**

**</body>**

**</html>**

**2)style.css**

**.containers{**

**display: flex;**

**align-items: center;**

**justify-content: center;**

**flex-direction: column;**

**}**

**.gallery{**

**margin-top: 25px;**

**display:flex;**

**align-items: center;**

**justify-content: center;**

**flex-direction: row;**

**flex-wrap: wrap;**

**}**

**.marg{**

**margin:5px 10px;**

**}**

**3) script.js**

**const searchBtn = document.getElementById("btn")**

**const input = document.getElementById("Category")**

**searchBtn.addEventListener("click", pictureGal)**

**function pictureGal () {**

**const category = input.value**

**fetch(`https://api.unsplash.com/search/photos?query=${category}**

**&client\_id=6eB1toyfTrg0VXIo\_EJUrH37VXJTzww5rLCCe8h9p5g&per\_page=12`, {**

**headers: {**

**Authorization: 'Basic 6eB1toyfTrg0VXIo\_EJUrH37VXJTzww5rLCCe8h9p5g'**

**}**

**}).then((response) => { return response.json() }).then(data => {**

**abc = ''**

**data.results.forEach(element => {**

**abc += `**

**<div class="card marg" style = "width: 18rem;">**

**<img src="${element.urls.regular}" height="280px" width="300px" class="card-img-top" alt="...">**

**<div class="card-body">**

**<h5 class="card-title">${element.user.name}</h5>**

**<p class="card-text">${element.alt\_description}</p>**

**<a href="${element.links.html}" class="btn btn-primary">Url link</a>**

**</div>**

**</div>`**

**});**

**gal.innerHTML = abc**

**})**

**}**