**SEARCH PAGE**

**Frontend part.**

Includes (1) search box (2) Search button (3) custom background can be set by providing image URL (4) Hover on search button (5) centering the search box

**<!DOCTYPE html>**

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

**<head>**

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

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

**<title>Custom Search Page</title>**

**<style>**

**/\* Adding custom background image \*/**

**body {**

**background-image: url('**[**https://e1.pxfuel.com/desktop-wallpaper/676/547/desktop-wallpaper-data-science-data.jpg**](https://e1.pxfuel.com/desktop-wallpaper/676/547/desktop-wallpaper-data-science-data.jpg)**'); /\* URL of image for custom background \*/**

**background-size: cover;**

**background-repeat: no-repeat;**

**background-attachment: fixed;**

**background-position: center;**

**margin: 0;**

**padding: 0;**

**font-family: Arial, sans-serif;**

**}**

**/\* Center the search box \*/**

**.search-container {**

**text-align: center;**

**position: absolute;**

**top: 50%;**

**left: 50%;**

**transform: translate(-50%, -50%);**

**}**

**/\* Style the text above the search box \*/**

**.search-heading {**

**color: #FFFFFF; /\* color \*/**

**font-size: 40px; /\* font size \*/**

**}**

**/\* Style the search input and button \*/**

**.search-box {**

**padding: 10px;**

**width: 400px;**

**border: none;**

**border-radius: 20px;**

**font-size: 16px;**

**}**

**.search-button {**

**padding: 10px 20px;**

**background-color: #007BFF;**

**color: white;**

**border: none;**

**border-radius: 20px;**

**font-size: 20px;**

**cursor: pointer;**

**}**

**.search-button:hover {**

**background-color: #0056b3;**

**}**

**</style>**

**</head>**

**<body>**

**<div class="search-container">**

**<h1 class="search-heading">Find What You Are Looking For</h1>**

**<form action="search-results.html" method="GET">**

**<input type="text" class="search-box" name="q" placeholder="Search...">**

**<button type="submit" class="search-button">Search</button>**

**</form>**

**</div>**

**</body>**

**</html>**

**API Part**

Code is incomplete, still working on it.

**<!DOCTYPE html>**

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

**<head>**

**</head>**

**<body>**

**<div class="search-container">**

**<h1 class="search-heading">Custom Search Page</h1>**

**<form id="search-form">**

**<input type="text" id="search-input" placeholder="Search...">**

**<button type="submit" id="search-button">Search</button>**

**</form>**

**<div id="search-results">**

**< Displaying result >**

**</div>**

**</div>**