



# **Front End Engineering-I Project**

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Team details:

Team Leader – Vaibhav Mittal

**PROJECT WORK DISTRIBUTION :**

Utsav singh : Code

Vaibhav mittal : Word File

Vaibhav Khanna : Idea and coding

Vaibhav Garg : Ppt

# Introduction

Building a Google look alike site is a project created by a team of 4 including roll no's from 2210992484 to 2210992487.

The purpose of building a **Google look alike** site is to showcase your expertise, accomplishments, and creativity to potential employers, clients, or collaborators.

Our goal is to provide users with an alternative to Google that offers a similar experience, while also providing some unique features that set our website apart. We believe that our project will be valuable for anyone who is looking for a reliable and user-friendly search engine.

# Problem Statement

The problem that a Google search engine look-alike aims to solve is the need for an efficient and user-friendly search engine that can quickly and accurately retrieve relevant information from the vast amount of data available on the internet. It seeks to replicate the functionality of the popular Google search engine, providing users with a familiar interface and a reliable search algorithm to help them find what they are looking for on the internet. This type of search engine can be useful for developers, businesses, or individuals who want to create their own search engines that mimic the Google search experience.

## ➤ **HTML :**

HTML stands for HyperText Markup Language. It is used to design web pages using a markup language. HTML is the combination of Hypertext and Markup language. Hypertext defines the link between web pages. A markup language is used to define the text document within the tag which defines the structure of web pages. This language is used to annotate (make notes for the computer) text so that a machine can understand it and manipulate text accordingly. Most markup languages (e.g. HTML) are human-readable. The language uses tags to define what manipulation has to be done on the text.

➤ **CSS :**

**Cascading Style Sheets**, fondly referred to as **CSS**, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page. It describes how a webpage should look, it prescribes colors, fonts, spacing, and much more. In short, you can make your website look however you want. CSS lets developers and designers define how it behaves, including how elements are positioned in the browser.

While html uses tags, css uses rulesets. CSS is easy to learn and understand, but it provides powerful control over the presentation of an HTML document.

➤ **JavaScript :**

JavaScript is a programming language used primarily for creating dynamic and interactive web content. It can be used for a variety of tasks like interactive elements on web pages such as drop-down menus, pop-up windows, and responsive animations. In our project too such contents are created using javascript.

# Key Features

Key features of a portfolio include :

**Logo:** The site may use a similar logo to Google's, featuring the same colors and font.

**Search box:** The site will have a search box that closely resembles the one used by Google, allowing users to input search queries.

**Search results page:** The site will display search results in a similar way to Google's search results page, with a list of links and snippets of information.

**Navigation:** The site may use a navigation bar that is similar in appearance to Google's, with links to different sections of the site.

**Advertisements:** The site may display ads that resemble Google's, either in the form of text ads or banner ads.



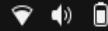
# Project Highlights



Activities Visual Studio Code

20.9 °C May 1 12:24 PM

0.31 KB/s



index.html - FEE PROJECT - Visual Studio Code

File Edit Selection View Go Run Terminal Help

style.css index.js index.html X

index.html > html > body > div#tags > div#dropdown\_background.icons\_dropdown\_background

```
35 <body >
36 <div class="dropdown"></div>
37 <div class="preloader" id="preloader">
38   
39 </div>
40 <div id="tags" >
41   <div class="icons_dropdown_background" id="dropdown_background" onclick="handleDropdown()">
42     <div class="icons_dropdown" id="dropdownTwo">
43       <div class="icons_div" onclick="docs()">
44         
45       </div>
46       <div class="icons_div" onclick="youtube()">
47         
48       </div>
49       <div class="icons_div" onclick="gmail()">
50         
51       </div>
52       <div class="icons_div" onclick="googlemaps()" style="height:2.5rem">
53         
54       </div>
55       <div class="icons_div" onclick="twitter()" style="height:2.5rem">
56         
57       </div>
58       <div class="icons_div" onclick="whatsapp()" style="height:2.5rem">
59         
60       </div>
61       <div class="icons_div" onclick="linkedin()" style="height:2.5rem">
62         
63       </div>
64       <div class="icons_div" onclick="news()" style="height:2.5rem">
65         
66       </div>
67     </div>
68   </div>
```

style.css index.js index.html X  
index.html > html > body > div#tags > div#dropdown\_background.icons\_dropdown\_background

```
69 <div class="dropdown_icon" id="dropdownButton" onclick="handleDropdown()">
70   
71 </div>
72 <a href="https://www.google.co.in/imghp?hl=en&authuser=0&ogbl" class="images">Images</a>
73   <a href="https://mail.google.com/" class="gmail">Gmail</a>
74 </div>
75 <section>
76   <div class="main">
77     
78     <div class="searchBx">
79       <div class="inputtext">
80         <div></div>
81         <div><input type="text" name="" value="" onkeydown id="inputBox" class="quarys" placeholder="Search the content you want to know about" /></div>
82         <div></div>
83       </div>
84     </div>
85     <button class="searchBtn">Google Search</button>
86     <!-- <button onclick="newwindow()" class="test">Test</button> -->
87   </div>
88 </div>
89 </section>
90 <script src="index.js" charset="UTF-8"></script>
91 </body>
92 </html>
93
```

# Project Styling



```
style.css X JS index.js 07 index.html
style.css > 49 zoom_div
1 * {
2   margin: 0;
3   padding: 0;
4   box-sizing: border-box;
5   font-family: Arial, Helvetica, sans-serif;
6 }
7 ::-webkit-scrollbar {
8   display: none;
9 }
10 section {
11   position: relative;
12   height: 80vh;
13   width: 100%;
14   display: flex;
15   justify-content: center;
16   align-items: center;
17 }
18 section .main {
19   width: 500px;
20   margin: 0 20px;
21   display: flex;
22   align-items: center;
23   flex-direction: column;
24 }
25 section .main .searchBox {
26   position: relative;
27   width: 100%;
28   margin-top: 20px;
29 }
30 .querys {
31   color: black;
32   background-color: transparent;
33 }
34 input {
35   border: none;
36   width: 500px;
37   height: 1rem;
38   padding: 1rem;
39   font-weight: 400;
40   font-size: 14px;
41   color: white;
42 }
43 .searchButton {
44   margin-left: 1rem;
45   margin-top: 5px;
46 }
47 .micButton {
48   margin-top: 3px;
49 }
50
51 input:focus {
52   outline: none;
53 }
54 .inputtext {
55   width: 100%;
56   justify-content: space-around;
57   align-items: center;
58   display: flex;
59   padding-block: 6px;
60   border: 1px solid #ccc;
61   outline: none;
62   font-size: 16px;
63   border-radius: 30px;
64   padding-left: 45px;
65   padding-right: 60px;
66 }
67 .icons {
```

# Java Script



index.js - FEE PROJECT - Visual Studio Code


File Edit Selection View Go Run Terminal Help

style.css index.js x qy index.html  
index.js > handleEnter

```
1 let query = document.querySelector(".quers");
2 let searchBtn = document.querySelector(".searchBtn");
3 document.getElementById("inputBox").value = "";
4 document.getElementById("inputBox").focus();
5 searchBtn.onclick = function () {
6   let url = "https://www.google.com/search?q=" + query.value;
7   window.open(url, "_self");
8 };
9 const dropdownButton = document.getElementById("dropdownButton");
10 const dropdownTwo = document.getElementById("dropdown_background");
11
12 function handleDropdown() {
13   if (dropdownTwo.style.display === "none") {
14     dropdownTwo.style.display = "block";
15   } else dropdownTwo.style.display = "none";
16 }
17
18 document.addEventListener("keydown", function handleEnter(event) {
19   let keyCode = event.keyCode;
20   if (keyCode == 13) {
21
22     let url = "https://www.google.com/search?q=" + query.value;
23     window.open(url, "_self");
24   }
25 });
26
```



Google

 Search the content you want to know about



Google Search

# Result of search



Google

education



All

Books

News

Images

Videos

More

Tools

About 10,59,00,00,000 results (0.55 seconds)

Results for **Jansla, Punjab** · Choose area

## Dictionary

Definitions from [Oxford Languages](#) · [Learn more](#)



education

English

*noun*

1. the process of receiving or giving systematic instruction, especially at a school or university.  
"a course of education"

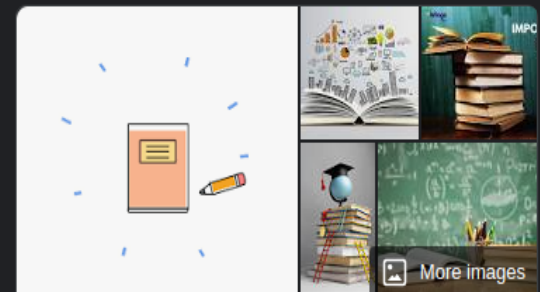
Similar: [teaching](#) [schooling](#) [tuition](#) [tutoring](#) [instruction](#) [pedagogy](#)

2. an enlightening experience.  
"Petrus is a good workman—it is an education to watch him"

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## Education



Education is a purposeful activity directed at achieving certain aims, such as transmitting knowledge or fostering skills and character traits. These aims may include the development of understanding, rationality, kindness, and honesty. [Wikipedia](#)

Beliefs



Progression



# Bonus Feature



- ☐ Provide users with access to vast amounts of information on the internet..
- ☐ Easy search functionality....
- ☐ Link of major websites in dropdown menu for fast results and easy access ....

In conclusion, the development of a "Google look alike" project can be a challenging yet rewarding task. With Google's diverse range of products and services, creating a comprehensive and effective alternative requires a deep understanding of the company's strengths and weaknesses. Nevertheless, the benefits of such a project can be significant, providing users with more options and potentially driving innovation within the technology industry. Ultimately, the success of a "Google look alike" project will depend on a combination of factors, including the quality of the product, the marketing strategy, and the overall user experience.



## SOURCES AND ELEMENTS:

IMG AND LOGO – pics are downloaded from internet including logo and pics of searchbar and mic .

**<div>** - Tag defines a division or a section in an HTML document.

**<id>** - The **id** attribute specifies a unique id for an HTML element. The value of the **id** attribute must be unique within the HTML document.

**<class>** - The HTML **class** attribute is used to specify a class for an HTML element.

**<function>** - A JavaScript function is defined with the function keyword, followed by a name, followed by parentheses (). IN this we perform various tasks we want to achieve by creating function.

## Window.open -

The Javascript [window.open\(\)](#) method is used to open a new tab or window with the specified URL and name. It supports various parameters that can be used to specify the type and URL location of the window to be opened.



*Thank  
you!*

