Google search Engine

A MINI-PROJECT REPORT

Submitted by

Group/Team No: G27/T20

Rohan Kumar (2210990740)
Rohan Lakhanpal (2210990741)
Rohit Kumar (2210990742)
Roohani Sethi (2210990744)

in partial fulfillment for the award of the degree

of

BACHELEOR OF ENGINEERING

in

COMPUTER SCIENCE & ENGINEERING

CHITKARA UNIVERSITY

CHANDIGARH-PATIALA NATIONAL HIGHWAY
RAJPURA (PATIALA) PUNJAB-140401 (INDIA)

TABLE OF CONTENTS

Introduction

The Google Search Engine Lookalike project is an exciting JavaScript project that requires building a webpage that closely resembles the Google home page. The project involves replicating all the key elements of the Google homepage, including the Google logo, search icons, text box, Gmail, and image buttons. The webpage must also be able to display at least ten search results, just like Google, and include a navigation arrow to switch to the next page. This project is an excellent opportunity to hone your front-end web development skills and learn how to use HTML, CSS, and JavaScript to create a professional-looking website. In this presentation, we will take a closer look at the key features of the Google Search Engine Lookalike project and discuss how to approach building it.

Problem Statement

The problem statement of the Google Search Engine Lookalike project is to build a webpage that closely resembles the Google home page, including all its key elements, such as the logo, search icons, text box, Gmail, and image buttons. The webpage must also be able to display at least ten search results and include a navigation arrow to switch to the next page. The goal of the project is to replicate the functionality and appearance of the Google search engine while also learning and practicing HTML, CSS, and JavaScript web development skills.

Technical Details

HTML: HTML is used to create the structure and content of the webpage, including the header, main content area, and footer.

CSS: CSS is used to style and position the elements on the webpage, such as the Google logo, search bar, and search results section. It is also used to create styles for the navigation arrow and other visual elements.

JavaScript: JavaScript is used to implement the search functionality and create interactive elements, such as the navigation arrow. It can be used to fetch search results from the Google Search API or create a custom search algorithm.

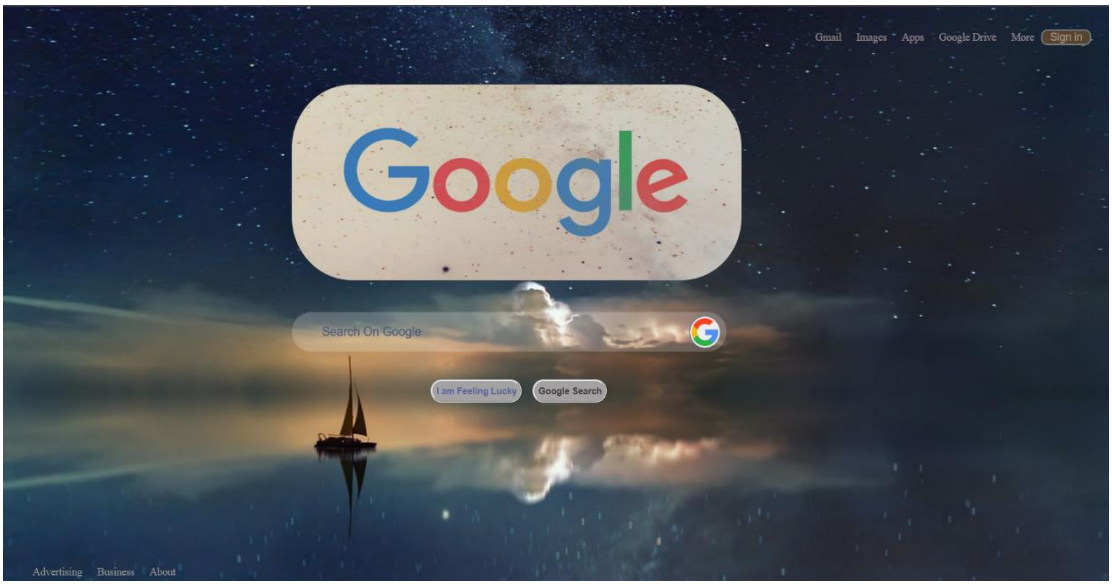
Key Features

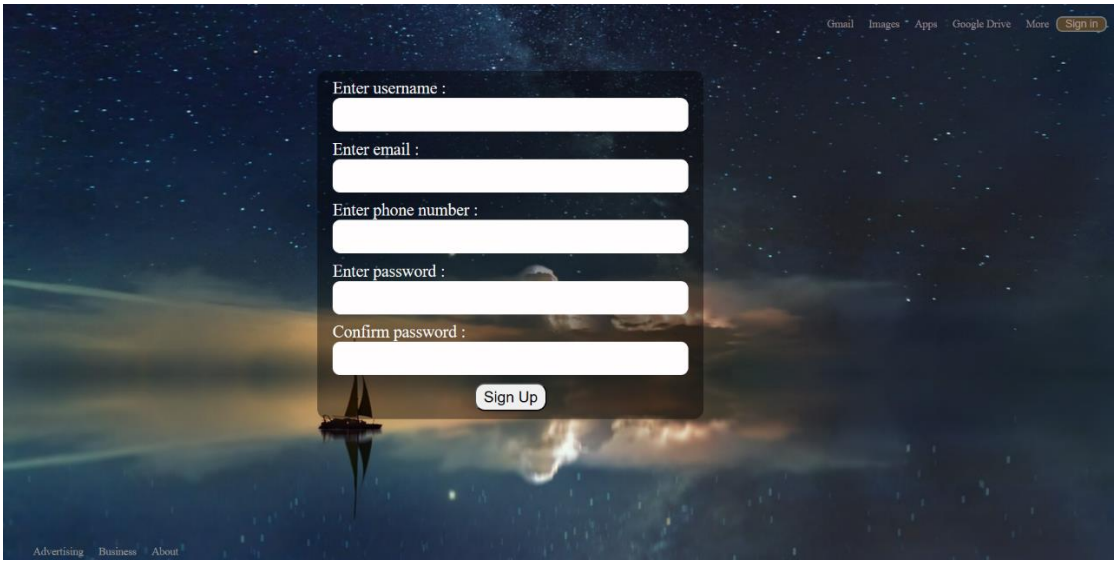
Accurate replica of the Google homepage: The webpage should closely resemble the Google home page, with all its key elements, including the Google logo, search icons, text box, Gmail, and image buttons. It should also have a similar layout and colour scheme.

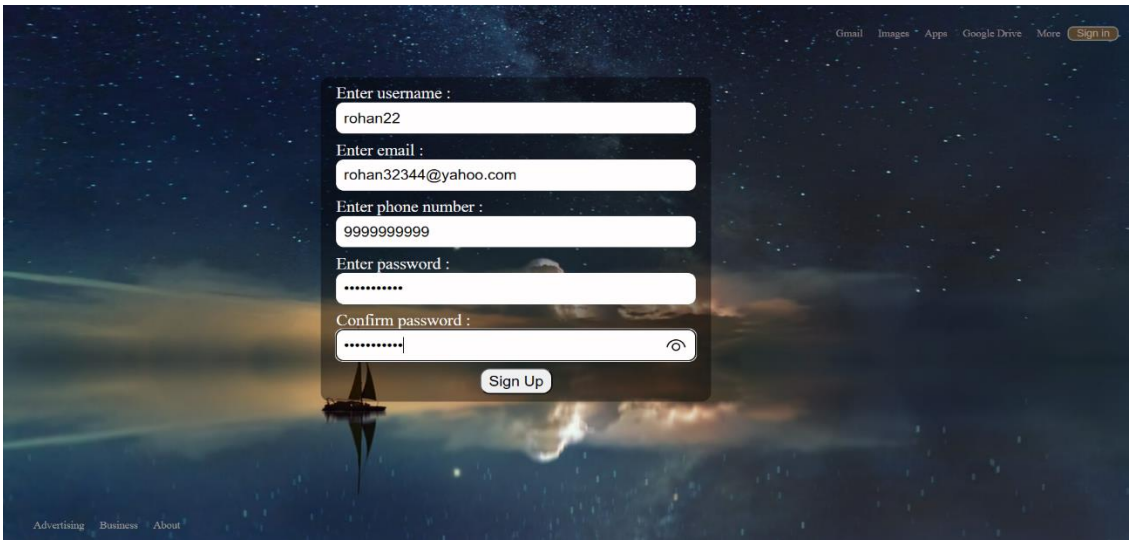
- **Search functionality:** The webpage should be able to process search queries entered by the user and return relevant search results. This can be achieved by creating a custom search algorithm.

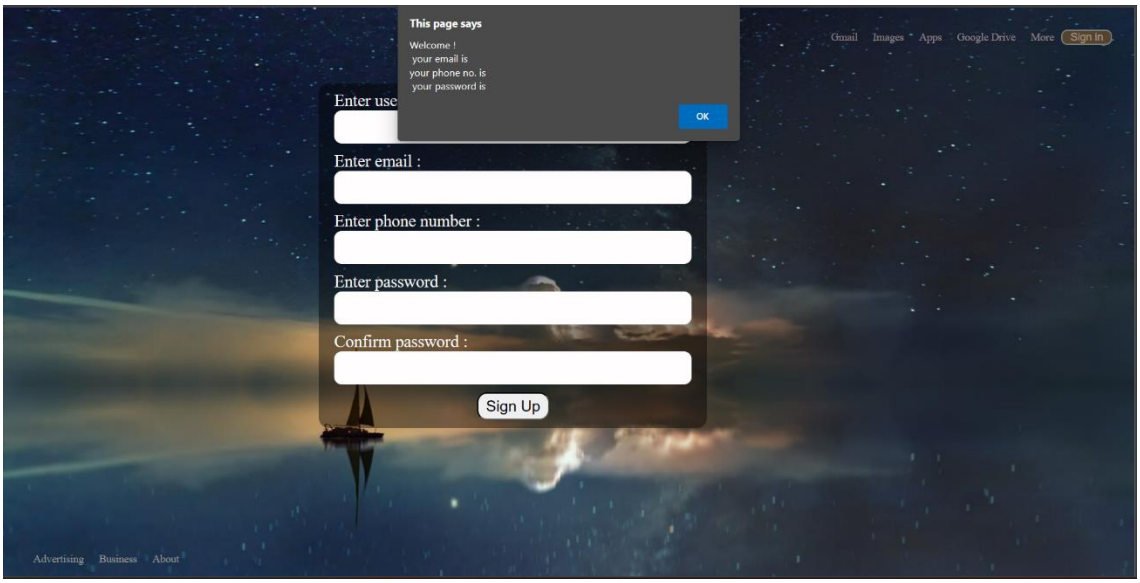
- **Navigation arrow:** The webpage should have a navigation arrow at the bottom that allows users to switch to the next page of search results. This is a critical feature that makes the webpage more user-friendly and enhances its functionality.

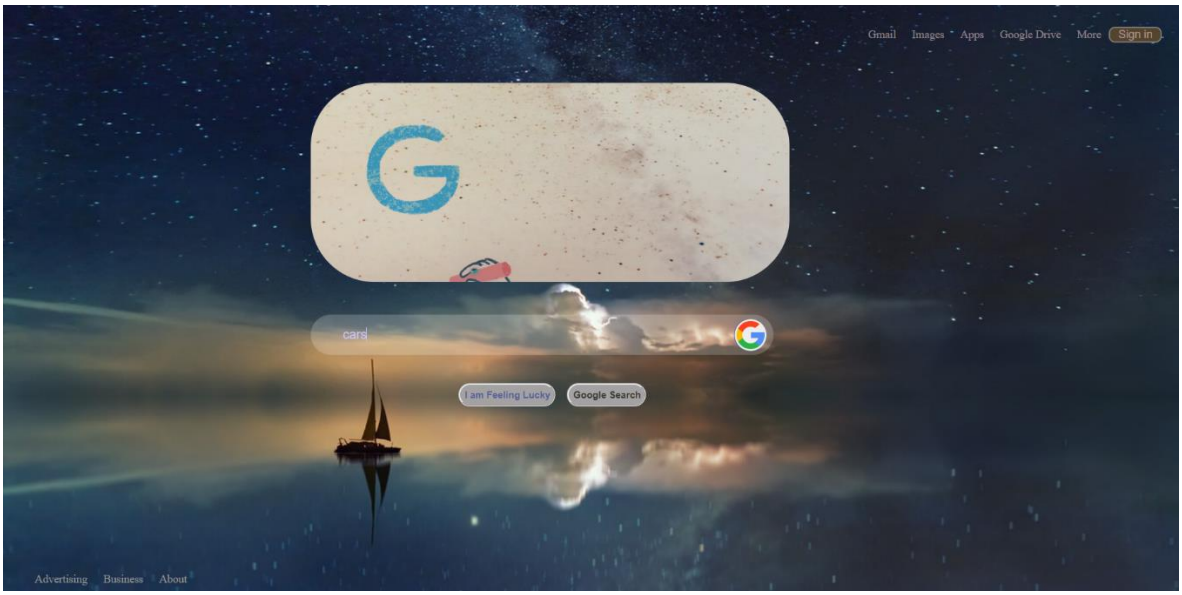
Project Highlights

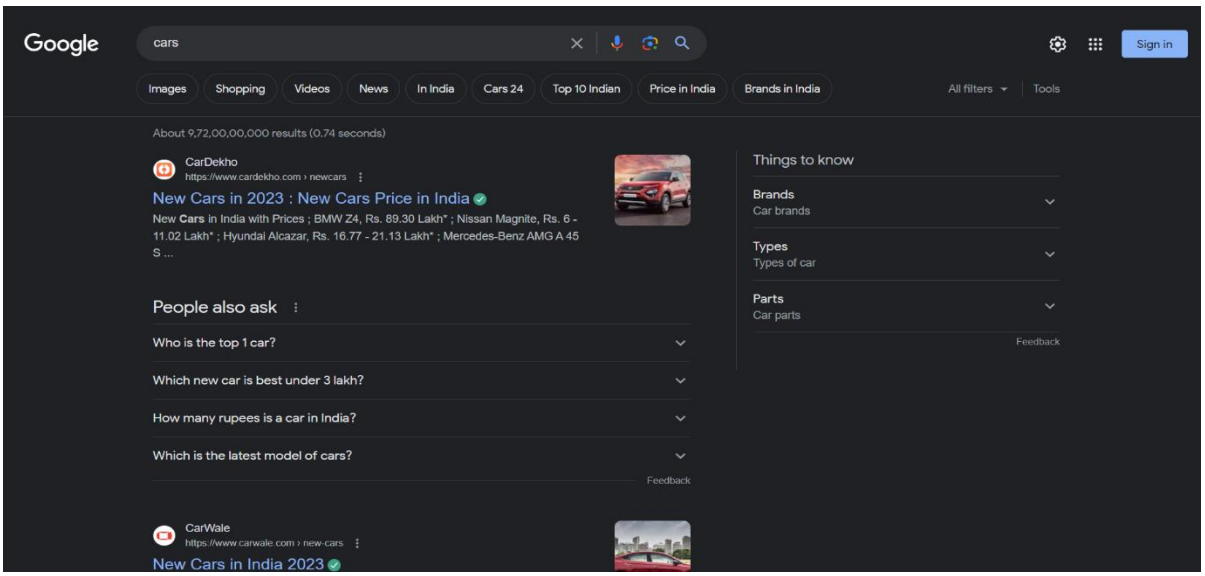





Gmail
Images
Apps
Google Drive
More
Sign in
Enter username :
rohan22
Enter email :
rohan32344@yahoo.com
Enter phone number :
9999999999
Enter password :
Confirm password :
Sign Up
Advertising
Business
About


This page says
Welcome !
your email is
your phone no. is
your password is
OK
Gmail
Images
Apps
Google Drive
More
Sign in
Enter email :
Enter phone number :
Enter password :
Confirm password :
Sign Up
Advertising
Business
About


Gmail
Images
Apps
Google Drive
More
Sign in
cars
I am Feeling Lucky
Google Search
Advertising
Business
About


Google
cars
Sign in
Images
Shopping
Videos
News
In India
Cars 24
Top 10 Indian
Price in India
Brands in India
All filters
Tools
About 9,72,00,00,000 results (0.74 seconds)
CarDekho
https://www.cardekho.com › newcars
New Cars in 2023 : New Cars Price in India
New Cars in India with Prices ; BMW Z4, Rs. 89.30 Lakh* ; Nissan Magnite, Rs. 6 - 11.02 Lakh* ; Hyundai Alcazar, Rs. 16.77 - 21.13 Lakh* ; Mercedes-Benz AMG A 45 S ...
Things to know
Brands
Car brands
Types
Types of car
Parts
Car parts
Feedback
People also ask
Who is the top 1 car?
Which new car is best under 3 lakh?
How many rupees is a car in India?
Which is the latest model of cars?
Feedback
CarWale
https://www.carwale.com › new-cars
New Cars in India 2023

Project Advantages

Search engines have become an integral part of our daily lives, providing a convenient and efficient way to find information online. Here are some advantages of using search engines:

- Quick and convenient access to information: Search engines provide quick and easy access to a vast amount of information on almost any topic. With just a few clicks, users can find answers to their questions, discover new ideas, and learn about new products and services.
- Ability to search for specific information: Search engines allow users to search for specific information by using keywords, phrases, or questions. This makes it easier to find the information they are looking for, rather than having to browse through countless websites.
- Wide range of results: Search engines provide a wide range of results from different sources, including websites, blogs, articles, videos, images, and more. This allows users to get a comprehensive overview of the topic they are searching for.
- Personalization: Many search engines offer personalized search results based on the user's search history, location, and other factors. This can provide a more customized and relevant search experience.
- Accessibility: Search engines are accessible from any device with an internet connection, including desktops, laptops, smartphones, and tablets. This allows users to search for information anytime, anywhere.

Results

Here is our Google Search Engine Lookalike have a search bar and some bookmarks and easy access to google maps and youtube. There are Shortcuts of different software below search bar. We can search using search Bar below the google icon. It will display all the related results related to your search.

Conclusion

In conclusion, the web-based address book system developed in this project provides an efficient and user-friendly way of managing contact information. The use of HTML, CSS, and JavaScript technologies ensures that the system is compatible with different web browsers and devices, and provides a seamless user experience. The key features of the system, such as contact management, search functionality, sorting and filtering, import and export, user authentication, responsive design, and customizable settings, make it a valuable tool for personal and professional use.

However, there is always room for improvement and future scope for further development. Some possible areas of improvement for the system could include the integration of more advanced search and filtering options, improved import and export capabilities, and the addition of features such as contact sharing and group management. Additionally, the system could be enhanced with the integration of machine learning and artificial intelligence technologies to automate some of the contact management tasks.

Overall, the web-based address book system developed in this project serves as a foundation for a comprehensive and user-friendly contact management tool that can be adapted to meet the evolving needs of individuals and businesses. With further development and enhancements, the system has the potential to become an indispensable tool for managing contact information.

Reference links

Some youtube channels:

- Codewithharry
- Cheezycode
- Apnacollege
- Apnaeducation
- Coddingworld