

Installation and Operation Guide

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Domain Name – Web Development

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The "Campus Search" project is a web-based platform designed to assist prospective students in discovering colleges across India, focusing on institutions offering IT and Management courses. The platform addresses the challenge of finding detailed and accurate college information in a centralized and user-friendly manner. By providing a simple interface and a comprehensive database of colleges, "Campus Search" aims to enhance the college search process for students and help them make well-informed decisions about their education.

1. Prerequisites

Before installing and running the "Campus Search" project, ensure you have the following:

- **Web Browser:** Any modern web browser (e.g., Chrome, Firefox, Edge).
- **Text Editor/IDE:** (For development) Visual Studio Code or any other code editor.

2. Installation

Option 1: Running the Project Locally

1. Download the Project Files:

- Unzip the Campus Search.zip file you have downloaded.
- The unzipped folder should contain the following structure:

```
campus-search/
|
|— index.html      # Home page
|— result.html     # Results page
|— contact.html    # Contact page
|
|— css/
|   |— styles.css  # CSS styles
|
|— js/
|   |— script.js   # JavaScript functions
```

2. Open the Project in a Web Browser:

- Navigate to the Campus_Search folder.
- Double-click on index.html to open it in your default web browser.
- This will launch the home page of the "Campus Search" application.

Option 2: Access through Hosting Platform

Access the Site: <https://atharv7125.github.io/Campus-Search/>

3. Operations Guide

1. Home Page (index.html):

- This is the landing page of the application where users can search for colleges.
- Enter the name of the college or relevant keywords in the search bar to find specific colleges.

2. Search Results (result.html):

- Displays a list of colleges that match the search criteria entered on the home page.
- Provides detailed information like college name, address, and a relevant image.

3. Contact Page (contact.html):

- A page that contains contact information for user inquiries or further assistance.
- Users can use the provided contact details to reach out with questions or feedback.

Features of the Project

1. **User-Friendly Interface:** The platform provides an intuitive and visually appealing interface that makes it easy for users to navigate and find the information they need.
2. **Search Functionality:** Users can search for colleges by name or related keywords to find relevant institutions, streamlining the discovery process.
3. **Detailed College Information:** Each college listed includes comprehensive details such as name, address, and contact information, allowing students to gather essential information in one place.
4. **Responsive Design:** The web application is built using responsive design principles, ensuring accessibility and optimal functionality across various devices and screen sizes.
5. **Contact Page:** A dedicated contact page allows users to reach out for further inquiries or support, fostering better communication between the platform and its users.
6. **JavaScript-Driven Interactivity:** The use of JavaScript in the front-end adds dynamic elements to the application, enhancing the user experience.

4. Troubleshooting

- **Page Not Loading:** Ensure the file paths in the HTML files are correct and that all required files (CSS, JS, Images) are present.
- **Styling Issues:** Clear the browser cache or check the styles.css file for any errors.
- **JavaScript Errors:** Open the browser's developer tools (F12) to see console errors and debug script.js.