

Project 1 – Creation of Single Page Website

- **ABSTRACT:**

Single page websites are web pages that contain all the necessary information and features within a single HTML document, without requiring any additional page loading or navigation. Single page websites are popular for their simplicity, speed, and user-friendliness, especially for mobile devices. However, creating a single page website also poses some challenges, such as maintaining the structure, layout, content, and functionality of the web page, as well as ensuring its responsiveness, accessibility, and SEO-friendliness.

In this project, I have created a single page website using HTML, Bootstrap, jQuery and Popper.js. The website is an alternative HomePage for 1stop.ai that functions and takes to other link and pages when interacting with the Single Page. This Single Page has the following features:

- A fixed navigation bar with links to different sections of the page
- Navigation bar with dropdown-toggle which too functions and redirects you to different pages.
- A dedicated section with a carousel to display the content of the website with images, texts, and interactive buttons.
- A profile section with a card to display information of employees and social media links.
- A contact section with a form and a tooltip to get in touch with 1stop.ai
- A footer with some additional information and links.

I have used HTML to create the structure and content of the website, Bootstrap to style and position the elements, jQuery to add interactivity and functionality, and Popper.js to position

the popovers and tooltips. Bootstrap is a free and open-source framework that provides ready-made components and classes to create responsive and user-friendly web interfaces. jQuery is a free and open-source library that simplifies the manipulation of the DOM, the handling of events, the animation of elements, and the communication with servers. Popper.js is a free and open-source library that calculates the optimal position of an element (such as a popover or a tooltip) based on its reference element (such as a button or an input).

I have used Bootstrap grid system and components to create a responsive layout, Bootstrap typography and colors to create a consistent and attractive design, Bootstrap icons and utilities to add some visual elements, Bootstrap carousels to add some interactivity and functionality. I have used jQuery selectors and methods to target and manipulate the elements dynamically, and jQuery events and callbacks to handle the user actions and responses. I have used Popper.js instances and options to create and customize the tooltips. I have also used some custom CSS styles to override or modify some of the Bootstrap default styles.

HTML, Bootstrap, jQuery and Popper.js are collectively used here to create a single page website which is both responsive and interactive. HTML elements and attributes are used to create the webpage, Bootstrap is used as it provides a set of predefined classes and components that can be used to style and layout HTML elements. Bootstrap also has a grid system that allows for easy alignment and positioning of elements on different screen sizes.

jQuery functions and events are used to manipulate DOM and add interactivity. Popper.js instances and options are used to position the tooltips, and custom CSS styles to customize the appearance of the website.

The main challenges of this project were to design a layout that is suitable for a single page website, to organize the content in a clear and concise manner, to ensure the functionality of the carousel, and the tooltip, and to optimize the website for different devices and browsers. I have overcome these challenges by using Bootstrap grid system and components to create a responsive layout, by using headings, paragraphs, lists, images, icons, buttons, cards, carousels, and tooltips to present the content in an attractive way, by using jQuery selectors and methods to target and manipulate the elements dynamically, by using jQuery events and callbacks to handle the user actions and responses, by using Popper.js instances and options to create and customize the tooltips, and by using flexbox properties, meta tags, title attributes, and keywords to enhance the responsiveness, accessibility, and SEO-friendliness of the website.

The main limitations of this project were that the website is static and does not have any server-side or database interaction, and that it does not have any advanced features, such as animations, transitions, or sliders. These limitations can be addressed by adding more languages, such as PHP, MySQL, or MongoDB, to enable data storage and retrieval, and by adding more libraries or frameworks, such as Animate.css, Swiper.js, or Slick.js, to add more visual effects and functionality.

The main outcomes of this project were that I have successfully created a single page website using HTML, Bootstrap, jQuery and Popper.js, that works as expected, and that I have improved my web development skills and knowledge.

- **OBJECTIVE:**

The objective of this project is to create a single page website using HTML, Bootstrap, jQuery and Popper.js. The single page website is a web page that contains all the necessary information and features within a single HTML document, without requiring any additional page loading or navigation. The single page website is designed to be responsive, user-friendly, and SEO-friendly. This single page website is an alternative HomePage for 1stop.ai that functions and takes to other link and pages when interacting with the Single Page.

The project will use HTML to create the structure and content of the website, Bootstrap to style and position the elements, jQuery to add interactivity and functionality, and Popper.js to position the tooltips. The project will use Bootstrap grid system and components to create a responsive layout, Bootstrap typography and colors to create a consistent and attractive design, Bootstrap icons and utilities to add some visual elements, Bootstrap carousels to add some interactivity and functionality. The project will use jQuery selectors and methods to target and manipulate the elements dynamically, and jQuery events and callbacks to handle the user actions and responses. The project will use Popper.js instances and options to create and customize the tooltips. The project will also use some custom CSS styles to override or modify some of the Bootstrap default styles.

The project will follow the best practices of web development, such as using semantic tags, comments, indentation, validation, responsiveness, and accessibility. The project will test the website with different test cases and debug any errors or bugs. The project will document the process and the results of the website creation. So, in a quick recap, these are the objectives of this project:

- To create a single page website that works as expected.
- To create an alternative homepage for 1stop.ai.

- To obtain improved web development skills and knowledge.
- To understand the use of HTML, Bootstrap, jQuery and Popper.js to create a single page website.
- To test the performance, usability, and accessibility of the WebPage on various browsers and devices.
- To follow the best practices of web development.

- INTRODUCTION:

HTML is a markup language that defines the structure and content of a web page. HTML uses tags and attributes to create elements, such as headings, paragraphs, lists, images, links, forms, and more. HTML is the foundation of web development and is essential for creating any web application.

However, HTML alone is not enough to create a modern and attractive web interface. HTML needs to be combined with other technologies, such as CSS, JavaScript, and various libraries and frameworks, to add style, interactivity, and functionality to the web page. CSS is a style sheet language that specifies how the HTML elements are displayed on the screen. CSS uses properties and selectors to apply different styles, such as colors, fonts, layouts, positions, and more. JavaScript is a scripting language that enables dynamic behavior and communication on the web page. JavaScript uses functions and events to manipulate the DOM (Document Object Model), which is a representation of the HTML elements as objects. JavaScript can also use various libraries and frameworks, which are collections of pre-written code that provide ready-made features and components for web development.

One of the most popular and widely used frameworks for web development is Bootstrap. Bootstrap is a free and open-source framework that provides ready-made components and classes to create responsive and user-friendly web interfaces. Bootstrap uses a grid system to create a flexible layout that adapts to different screen sizes and devices. Bootstrap also provides various components, such as buttons, forms, tables, cards, modals, carousels, and more, that can be easily added and customized with HTML attributes and classes. Bootstrap also uses CSS styles and JavaScript plugins to enhance the appearance and performance of the components.

Another popular and widely used library for web development is jQuery. jQuery is a free and open-source library that simplifies the manipulation of the DOM, the handling of events, the animation of elements, and the communication with servers. jQuery uses a simple syntax that allows selecting and modifying the HTML elements with less code. jQuery also provides various methods and effects that can be chained together to create complex animations and transitions. jQuery also uses AJAX (Asynchronous JavaScript And XML) to send and receive data from servers without reloading the page.

A useful library that works well with Bootstrap and jQuery is Popper.js. Popper.js is a free and open-source library that calculates the optimal position of an element (such as a popover or a tooltip) based on its reference element (such as a button or an input). Popper.js uses a smart algorithm that considers the size, position, overflow, boundaries, and margins of the elements to avoid any clipping or overlapping issues. Popper.js also provides various options and modifiers to customize the behaviour and appearance of the popovers and tooltips.

The purpose of this project is to design and develop a single page website, a web page that contains all the necessary information and features within a single HTML document, using HTML, Bootstrap, jQuery and Popper.js. This single page website is designed to be

responsive, user-friendly and interactive. This webpage is actually an alternative homepage for 1stop.ai with functioning links and buttons.

- **METHODOLOGY:**

A possible methodology for creating an HTML Single Page Website is as follows:

- **Step 1:** Create a basic HTML structure for the website using the `<html>`, `<head>`, and `<body>` tags. Include the necessary links to Bootstrap, and CSS in the `<head>` section, and JavaScript, jQuery, and Popper.js libraries in the `<body>` section.
- **Step 2:** Design the layout of the website using Bootstrap grid system and components. Create a `<header>` section to include the elements such as the navbar, carousel etc. Use `<nav>` element with class “navbar navbar-expand-lg navbar-light bg-light” to implement the navigation bar at the top of the webpage. Use `<div>` element with class “container-fluid” to stretch the navbar across the entire width of the page at the top. Include a logo associated with a link. Also include a `<button>` element with class “navbar-toggler” with `data-bs-toggle= “collapse”` and `data-bs-target= “#navbar1”`. This allow us to interact with the navbar element in a small windowed webpage. Add `<div>` element with class “collapse navbar-collapse” and `id= “navbar1”`. To it, add another `<div>` element with class “navbar-nav ms-auto”. This is the placeholder for our page links. Create two `<div>` elements with class “nav-item nav-link”, `data-bs-toggle= “tooltip”`, `data-bs-placement= “bottom”`, and some title as tooltip, which make our clickable page links, here Home and Contact Us. Now add a `<div>` element with class “nav-item dropdown”, and add links to it using `<a>` element with class “nav-link dropdown-toggle” and `data-bs-toggle= “dropdown”`. Now, finally add links to it as

dropdown-items. This creates a dropdown type link which leads to another list of links, here, Company and Team under the link About Us.

Add `<div>` element with class “carousel slide”, `data-bs-ride= “carousel”` style= “margin-top: 100px; margin-left: 50px; margin-right: 50px” to implement the carousel element to the webpage. Now, add `<div>` element with class “carousel-indicators”. This adds the navigation buttons for our carousel. Add `<button>` elements where `data-bs-target= “#carousel”` `data-bs-slide-to` is assigned 0,1,2(here) to slide through the three images in the carousel. Now add `<div>` element with class “carousel-inner” to include the images. Add three `<div>` element with class “carousel-item” and these three `<div>` elements will contain the images for the carousel. Use two `<button>` elements with class “carousel-control-prev” and “carousel-control-next” both with `data-bs-target = “#carousel”`, with one `data-bs-slide= “prev”` and other “next”. This acts our previous image and next image buttons for our carousel. Stylize the buttons using `` elements and adding CSS properties.

Create `<main>` section with class “m-5”. Add `<section>` element with class “container m-4”. Now add `<h6>` element to it “About Us”, and along with it add `<div>` element of class “row”, then to it add `<div>` element of class “col-md-5”, which will store the About Us image, and `<div>` element of class “col-md-7”, which will store paragraphs on About Us.

Similarly, add `<div>` element of class “row”, to it add `<h6>` element “What Makes Us Better”. Now add three `<div>` elements of class “col-md-4”, each containing `<div>` element of class “container text-center” and, in turn, containing `` element utilizing the Bootstrap icons and a short heading under the icons. This creates our section of “What makes us Better”.

Now, add another `<section>` element of class “container m-4”. Add `<h6>` element “Our Innovative Team”. Add `<div>` element of class “container”. This will hold the employees and their social links through Bootstrap icons. Add `<div>` element of class “row”. Now add three `<div>` elements of class “col-md-4 d-flex align-items-center justify-content-center”, and each of them contains the `<div>` element of class “card”. Each of these cards hold the image of the employee, their name, position, and socials through Bootstrap icons associated with social links.

Add another `<section>` element with class “container m-4”. Add `<h6>` element “Contact Us”. Add `<div>` element of class “row”. Now add `<div>` element of class “col-md-6” and, in turn, add `<div>` element of class “container p-3”. To it, add `<p>` element “Here’s our contact info”, and `<div>` elements to add info using Bootstrap. Similarly, add another `<div>` element of class “col-md-6” which in turn contains `<div>` element of class “container p-3”. Now add `<p>` element “You can also write to us”, and `<div>` element of class “container” which in turn contains `<div>` element of class “card shadow” along with CSS stylization. Inside it, there is another `<div>` element of class “card-body” along with CSS stylization. Finally, it contains `<form>` element which, here, contains four `<div>` elements with class “form-group” which, in turn, contains `<label>` element of class “form-label”, and corresponding `<input>` element of class “form-control” and type “text” or “email”, one contains a `<textarea>` element of class “form-control” instead of an `<input>` element. Also, it contains one `<div>` element of class “form-group text-center” with an `<input>` element of class “btn btn-outline-dark submit-btn”, and type “submit”. This acts as the submit button. All of these `<input>`, `<textarea>`, and `<button>` elements have `data-bs-toggle=` “tooltip”, `data-bs-placement=` “bottom”, and some title as tooltips. The rest of the `<div>` elements act as textbox fill area.

Create a <footer> section with class “bg-dark”. This creates a footer of black background. Inside it, add <div> element of class “container”, which, in turn, contains <div> element of class “row”. To it, add <div> element class “col-md-6”, now add <div> element of class “container m-5”. This container will contain a picture/logo, and some paragraphs of text. Now, add another <div> element of class “col-md-6” which contains <div> element of class “container m-5”. This container contains “Quick Links” by adding an unordered list of links using tag and <a> tags. Here, the tag is modified to hide the bullets.

Create another <div> element of class “row” which contains another <div> element of class “text-white text-center” which contains text and a quick link.

- **Step 3:** Add some custom CSS styles to the website elements to make them look more appealing. Use CSS properties and selectors to change the background color, font size, border radius, margin, padding, and more.
- **Step 4:** Write the JavaScript and jQuery code to handle the logic of the website. Use event listeners to detect when an element is clicked, hovered, or submitted, and update the DOM accordingly. Use animations and effects to add some transitions and movements to the elements. Here, a function is implemented to make the submit button in data filling section to be functional:

```
$('.submit-btn').click(function(){  
    alert("You will be redirected to the Contact Us Page!");  
    window.open('https://www.1stop.ai/about/#contact_us', '_blank');  
}
```

This function open up the contact us page of 1stop.ai in a new tab when the submit button is clicked.

- **Step 5:** Test the website and debug any errors or bugs. Use the browser's console or debugger tools to inspect the code and find any syntax or logical errors. Use different test cases to check if the website works as expected.

- **CODE:**

(Note: Indents have been removed from the code below so as to fit it in the page)

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>
Single Page WebSite | Minor Project
</title>
<link href="vendor/bootstrap/css/bootstrap.css" rel="stylesheet">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/bootstrap-
icons/1.11.1/font/bootstrap-icons.min.css" integrity="sha512-
oAvZuuYVzkcTc2dH5z1ZJup50mSQ000qlfRvuoTTiyTBjwX1faoyearj8KdMq0LgsBTHMrRuMek7s+CxF8yE+w=="
crossorigin="anonymous" referrerpolicy="no-referrer" />

<style>
.color-teal{
color: teal;
}
.icon-lg{
font-size: 50px;
}
.icon-sm{
font-size: 25px;
}
.remove-text-decoration{
text-decoration: none;
}
.remove-bullets{
list-style: none;
}
</style>
```

```
</head>

<body style="background: linear-gradient(rgb(245, 250, 250),rgb(236, 189, 250),rgb(243, 166, 166));">
<h1 style="text-align: center; color: rgb(94, 32, 218);">Single Page Website</h1>
<hr>
<header>
<nav class="navbar navbar-expand-lg navbar-light bg-light" style="height: 150px;">
<div class="container-fluid">
<a href="https://www.1stop.ai/" class="navbar-brand">

</a>
<button type="button" class="navbar-toggler" data-bs-toggle="collapse" data-bs-
target="#navbar1">
<i class="bi bi-list"></i>
</button>

<div class="collapse navbar-collapse" id="navbar1">
<div class="navbar-nav ms-auto">
<a href="https://www.1stop.ai/" class="nav-item nav-link active" data-bs-toggle="tooltip"
data-bs-placement="bottom" title="1stop Home">Home</a>
<div class="nav-item dropdown">
<a href="#" class="nav-link dropdown-toggle" data-bs-toggle="dropdown">About Us</a>
<div class="dropdown-menu">
<a href="https://www.1stop.ai/about" class="dropdown-item" data-bs-toggle="tooltip" data-
bs-placement="bottom" title="Get to know 1stop">Company</a>
<a href="https://www.1stop.ai/about" class="dropdown-item" data-bs-toggle="tooltip" data-
bs-placement="bottom" title="Get to know the team">Team</a>
</div>
</div>
<a href="https://www.1stop.ai/project#contact_us" class="nav-item nav-link" data-bs-
toggle="tooltip" data-bs-placement="bottom" title="Contact 1stop">Contact Us</a>
</div>
</div>
</nav>

<div id="carousel" class="carousel slide" data-bvs-ride="carousel" style="margin-top:
100px; margin-left:50px; margin-right: 50px;">
<div class="carousel-indicators">
<button type="button" data-bs-target="#carousel" data-bs-slide-to="0"
class="active"></button>
<button type="button" data-bs-target="#carousel" data-bs-slide-to="1"></button>
<button type="button" data-bs-target="#carousel" data-bs-slide-to="2"></button>
</div>
<div class="carousel-inner" style="border-radius: 20px;">
<div class="carousel-item active">
```

```


</div>
<div class="carousel-item">

</div>
<div class="carousel-item">

</div>
</div>
<button class="carousel-control-prev" type="button" data-bs-target="#carousel" data-bs-slide="prev">
<span class="carousel-control-prev-icon" style="border-radius: 40px; background-color: blueviolet;"></span>
</button>
<button class="carousel-control-next" type="button" data-bs-target="#carousel" data-bs-slide="next">
<span class="carousel-control-next-icon" style="border-radius: 40px; background-color: blueviolet;"></span>
</button>
</div>
</header>

<main class="m-5">
<section class="container m-4" id="about-us">
<h2 class="display-6" style="margin-top: 100px; margin-bottom: 20px; margin-left: 550px;">About Us</h2>
<div class="row">
<div class="col-md-5">
<div class="container" style="margin-top: 1px;">

</div>
</div>
<div class="col-md-7">
<p class="text-black-70" style="font-size: 18px;">
1stop is a robust platform with expansive potential for students from different places and having a keen interest in technology to access cutting-edge Mentorship and Certification Programs.
The platform is built by Industry Experts with a larger number of domains and niches to explore learning which in return boosts your career.
<br>
E-learning has been the fastest growing way for an aspirant to start their journey into pursuing their Dream Career and off to a good start.
<br>
<br>
1stop aims to bring in a technology-oriented career-driven Industrial Experience into the aspirant's career with Great Value for the awaiting future.

```

```

<br>
<br>
“Learn, Grow, Prosper”
</p>
</div>
</div>
<div class="row" style="margin-top: 100px;">
<h6 class="display-6 text-center">What makes us Better</h6>
<div class="col-md-4">
<div class="container text-center">
<span class="bi bi-award-fill color-teal icon-lg"></span>
<p>Award-Winning Company</p>
</div>
</div>
<div class="col-md-4">
<div class="container text-center">
<span class="bi bi-briefcase-fill color-teal icon-lg"></span>
<p>Job-Guaranteed</p>
</div>
</div>
<div class="col-md-4">
<div class="container text-center">
<span class="bi bi-mortarboard-fill color-teal icon-lg"></span>
<p>In-depth Learning</p>
</div>
</div>
</div>
</section>
<section id="team" class="container m-4">
<h6 class="display-5 text-center" style="margin-top: 100px; margin-bottom: 50px;">Our
Innovative Team</h6>
<div class="container">
<div class="row">
<div class="col-md-4 d-flex align-items-center justify-content-center">
<div class="card" style="width: 300px;">

<div class="card-body text-center">
<h4 class="card-title">Ryan Gosling</h4>
<p class="card-text">
Executive Head
</p>
<a href="https://www.facebook.com/1Stopai-102490171820303"><i class="bi bi-facebook icon-sm
m-2"></i></a>
<a href="https://www.instagram.com/1stop.ai/" style="color: rgb(179, 4, 165);"><i class="bi
bi-instagram icon-sm m-2"></i></a>
<a href="https://www.linkedin.com/company/1stop-ai/?viewAsMember=true" style="color:
rgb(41, 16, 230);"><i class="bi bi-linkedin icon-sm m-2"></i></a>
</div>

```

```

</div>
</div>
<div class="col-md-4 d-flex align-items-center justify-content-center">
<div class="card" style="width: 300px;">

<div class="card-body text-center">
<h4 class="card-title">Anya Rebecca</h4>
<p class="card-text">
Board Director
</p>
<a href="https://www.facebook.com/1Stopai-102490171820303"><i class="bi bi-facebook icon-sm m-2"></i></a>
<a href="https://www.instagram.com/1stop.ai/" style="color: rgb(179, 4, 165);"><i class="bi bi-instagram icon-sm m-2"></i></a>
<a href="https://www.linkedin.com/company/1stop-ai/?viewAsMember=true" style="color: rgb(41, 16, 230);"><i class="bi bi-linkedin icon-sm m-2"></i></a>
</div>
</div>
</div>
<div class="col-md-4 d-flex align-items-center justify-content-center">
<div class="card" style="width: 300px;">

<div class="card-body text-center">
<h4 class="card-title">Jones Smith</h4>
<p class="card-text">
Chief Executive Officer
</p>
<a href="https://www.facebook.com/1Stopai-102490171820303"><i class="bi bi-facebook icon-sm m-2"></i></a>
<a href="https://www.instagram.com/1stop.ai/" style="color: rgb(179, 4, 165);"><i class="bi bi-instagram icon-sm m-2"></i></a>
<a href="https://www.linkedin.com/company/1stop-ai/?viewAsMember=true" style="color: rgb(41, 16, 230);"><i class="bi bi-linkedin icon-sm m-2"></i></a>
</div>
</div>
</div>
</div>
</div>
</div>
</section>
<section id="contact" class="container m-4">
<h2 class="display-5 text-center" style="margin-top: 100px; margin-bottom: 50px;">Contact us</h2>
<div class="row">
<div class="col-md-6">
<div class="container p-3">
<p class="text-muted text-center fs-3">Here's our contact info</p>
<div class="text-black-s text-center fs-4">Our Email</div>
<div class="text-black-50 text-center fs-5">support@1stop.ai</div>

```



```

</main>

<footer class="bg-dark">
<div class="container">
<div class="row">
<div class="col-md-6">
<div class="container m-5">

<div>
<p class="text-white">
1stop is a strong platform with immense potential for students
from anywhere and anytime to access cutting-edge
Mentorship and Certification Program widespread
with a larger number of domains and niches to explore learning.
</p>
</div>
</div>
</div>
<div class="col-md-6">
<div class="container m-5">
<p class="text-white fs-5" style="margin-left:380px;">Quick Links</p>
<ul class="remove-bullets remove-text-decoration" style="margin-left: 350px;">
<li><a href="https://www.1stop.ai/about" class="remove-text-decoration text-white">About
Us</a></li>
<li><a href="https://www.1stop.ai/#contact_us" class="remove-text-decoration text-
white">Contact Us</a></li>
</ul>
</div>
</div>
</div>
<div class="row">
<div class="text-white text-center">
<p>All rights reserved &copy; 2023, <a href="https://www.1stop.ai/">1stop.ai</a></p>
</div>
</div>
</div>
</footer>

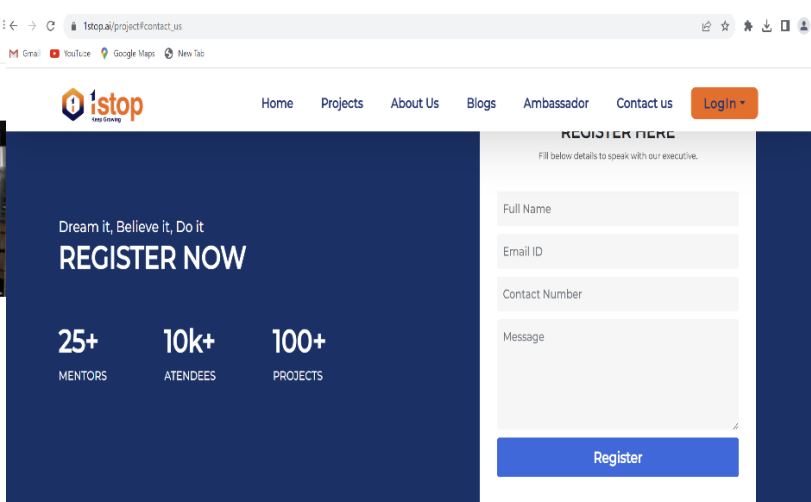
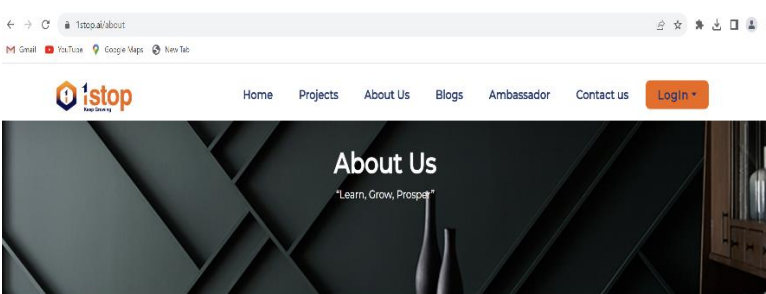
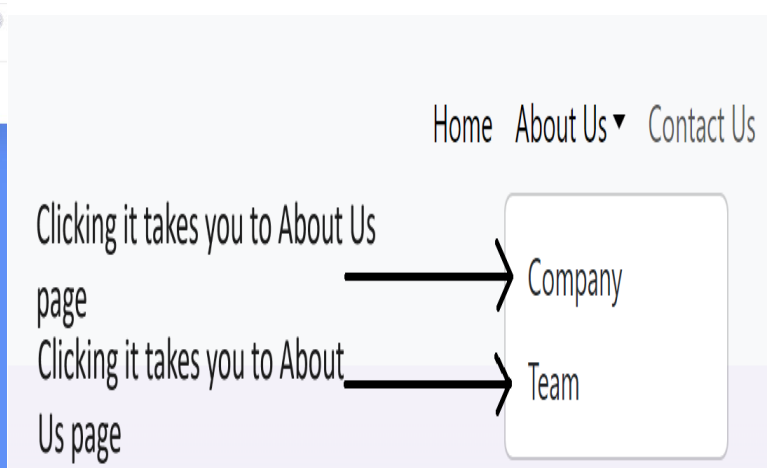
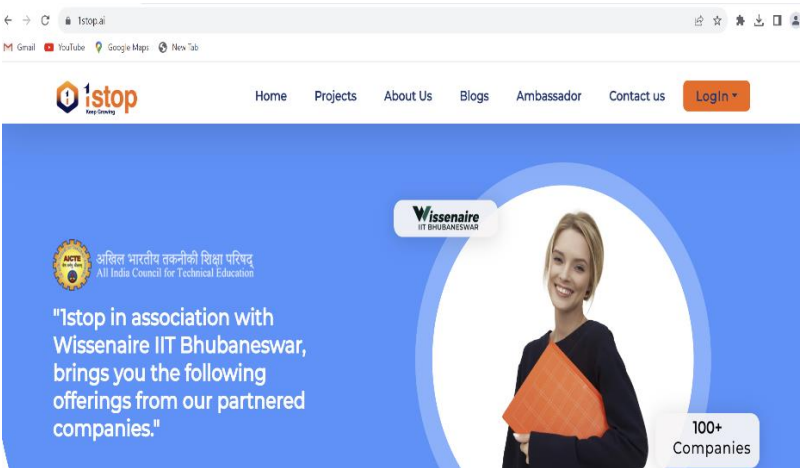
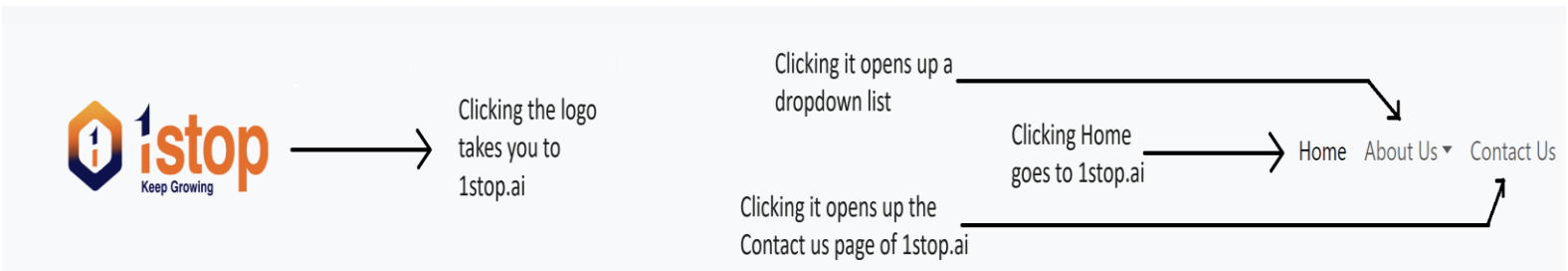
<script src="https://code.jquery.com/jquery-3.7.1.js" integrity="sha256-
eKhayi8LEQwp4NKxN+CfCh+3qOVUtJn3QNZ0TciWLP4=" crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/2.9.2/umd/popper.min.js"
integrity="sha512-
2rNj2KJ+D8s1ceNasTIex6z4HWyOnEYLC3FigG0myQCZc2eBXKgOxQmo3oKlHyfcj53uz4QMsRCWNbLd32Q1g=="
crossorigin="anonymous" referrerpolicy="no-referrer"></script>
<script src="vendor/bootstrap/js/bootstrap.js"></script>
<script>
$('.submit-btn').click(function(){
alert("You will be redirected to the Contact Us Page!");

```

```
window.open('https://www.1stop.ai/about#contact_us','_blank');
})
</script>
</body>
</html>
```

- RESULTS/OUTPUT:

Navigation Bar of the WebPage



Carousel Image Display Section with Navigation Buttons



About Us Section



About Us

1stop is a robust platform with expansive potential for students from different places and having a keen interest in technology to access cutting-edge Mentorship and Certification Programs. The platform is built by Industry Experts with a larger number of domains and niches to explore learning which in return boosts your career.

E-learning has been the fastest growing way for an aspirant to start their journey into pursuing their Dream Career and off to a good start.

1stop aims to bring in a technology-oriented career-driven Industrial Experience into the aspirant's career with Great Value for the awaiting future.

"Learn, Grow, Prosper"

What makes us unique section using Bootstrap Icons

What makes us Better



Award-Winning Company



Job-Guaranteed




In-depth Learning

Our Innovative Team Cards with social links in form of Bootstrap Social

Icons

Our Innovative Team



Anya Rebecca
Board Director

Clicking it takes you to 1stop.ai facebook

Clicking it takes you to 1stop.ai instagram

Clicking it takes you to 1stop.ai linkedin

Facebook, Instagram, LinkedIn icons

facebook

Email or phone Password Log in Forgotten account?



1stop.ai
34 likes · 43 followers

Connect with 1Stop.ai on Facebook

Log in or Create new account

Instagram

Search Log In Sign Up

1stop.ai Follow Message


152 posts 1,223 followers 86 following



1stop.ai
Education website
E-learning solutions for your Career with a plethora of Technology Domains for you to upgrade your Skills
Our speciality is Capstone Projects
www.1stop.ai

LinkedIn

Articles People Learning Jobs

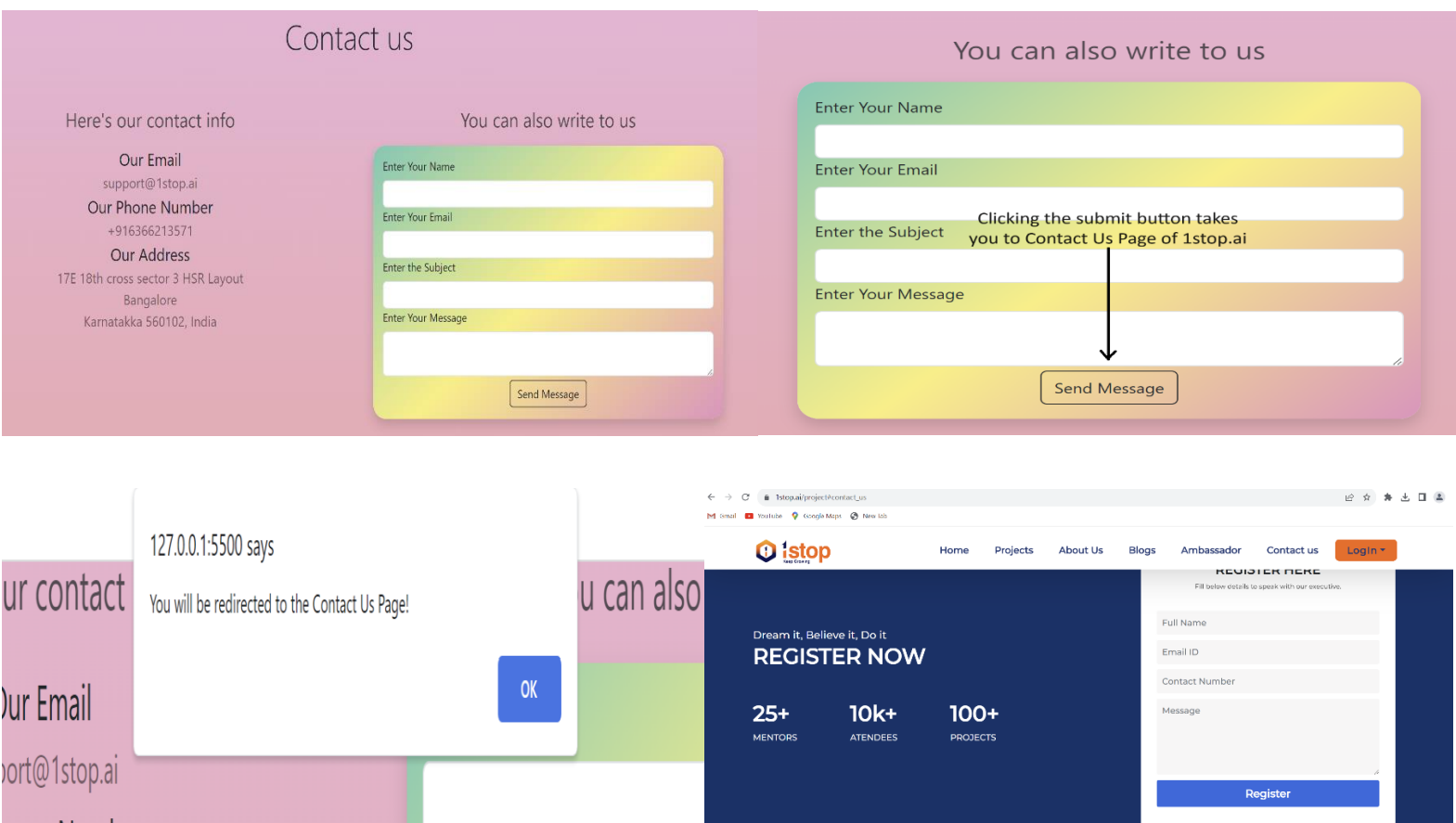


1Stop.ai
Education Administration Programs
Bangalore, Karnataka · 7,929 followers
Learn. Grow. Prosper.

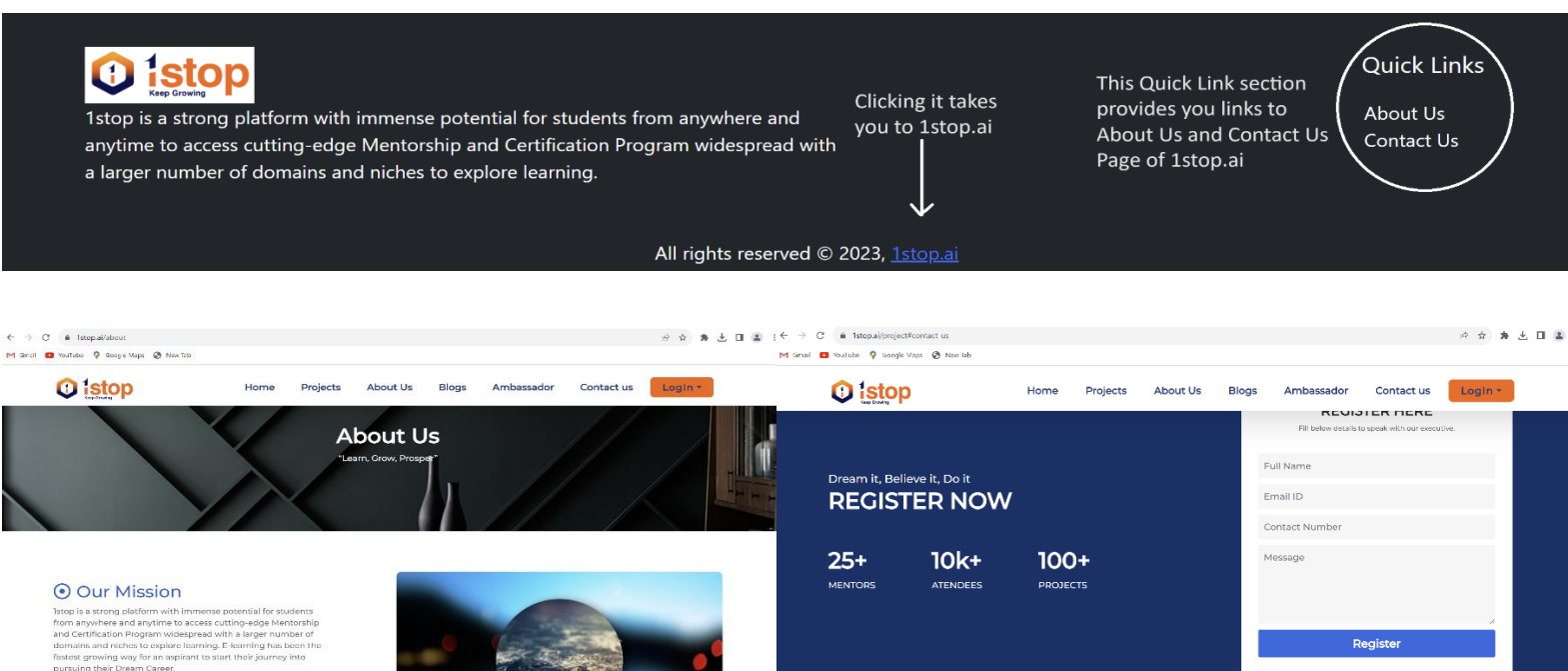
See jobs Follow

View all 126 employees

Contact Us Section with interactive form



Footer of the WebPage with company info and quick links



- **CONCLUSION:**

- In this project, I have created a single page website using HTML, Bootstrap, jQuery and Popper.js. The website is an alternative HomePage for 1stop.ai that functions and takes to other link and pages when interacting with the webpage. The single page website is designed to be responsive, user-friendly, and SEO-friendly.
- I have used HTML to create the structure and content of the website, Bootstrap to style and position the elements, jQuery to add interactivity and functionality, and Popper.js to position the tooltips. I have used Bootstrap grid system and components to create a responsive layout, Bootstrap typography and colors to create a consistent and attractive design, Bootstrap icons and utilities to add some visual elements, Bootstrap carousels to add some interactivity and functionality. I have used jQuery selectors and methods to target and manipulate the elements dynamically, jQuery events and callbacks to handle the user actions and responses. I have used Popper.js instances and options to create and customize tooltips. I have also used some custom CSS styles to override or modify some of the Bootstrap default styles.
- I have followed the best practices of web development, such as using semantic tags, comments, indentation, validation, responsiveness, accessibility etc. I have tested the website with different test cases and debugged any errors or bugs.
- The main objectives of this project were to demonstrate the use of HTML, Bootstrap, jQuery and Popper.js to create a single page website, to practice the skills of web development using various technologies and tools, and to create a single page website that is interactive and functional.

- The main challenges of this project were to design a layout that is suitable for a single page website, to organize the content in a clear and concise manner, to ensure the functionality of the carousel, and the tooltip. I have overcome these challenges by using Bootstrap grid system and components to create a responsive layout, by using headings, paragraphs, lists, images, icons, buttons, cards, carousels, and tooltips to present the content in an attractive way, by using jQuery selectors and methods to target and manipulate the elements dynamically, by using jQuery events and callbacks to handle the user actions and responses, by using Popper.js instances and options to create and customize the tooltips, and by using flexbox properties, meta tags, title attributes, and keywords to enhance the responsiveness, accessibility, and SEO-friendliness of the website.
- The main limitations of this project were that the website is static and does not have any server-side or database interaction, and that it does not have any advanced features, such as animations, transitions, or sliders. These limitations can be addressed by adding more languages, such as PHP, MySQL, or MongoDB, to enable data storage and retrieval, and by adding more libraries or frameworks, such as Animate.css, Swiper.js, or Slick.js, to add more visual effects and functionality.
- The main outcomes of this project were that I have successfully created a single page website using HTML, Bootstrap, jQuery and Popper.js, that works as expected, that I have improved my web development skills and knowledge, and that I have created an alternative HomePage for 1stop.ai.

