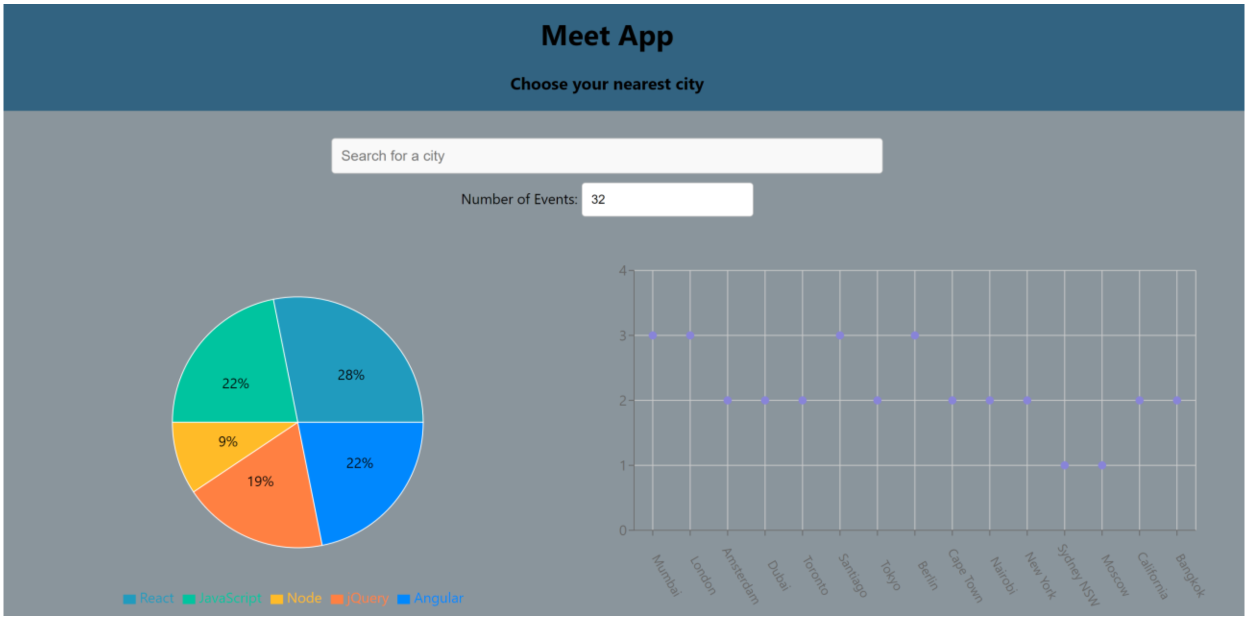
Meet app

Description

The Meet app is a revolutionary platform designed to streamline event planning and coordination. Leveraging OAuth authentication and Google API integration, Meet offers users a seamless experience for organizing and attending events.



Meet App

Choose your nearest city

Search for a city

Number of Events: 32

Objective

To develop a user-centric event planning application, Meet, leveraging OAuth authentication and Google API integration, aimed at simplifying the process of organizing and attending events:

I. Implement OAuth authentication to enable users to securely sign in to Meet using their Google accounts, ensuring data privacy and authentication reliability.

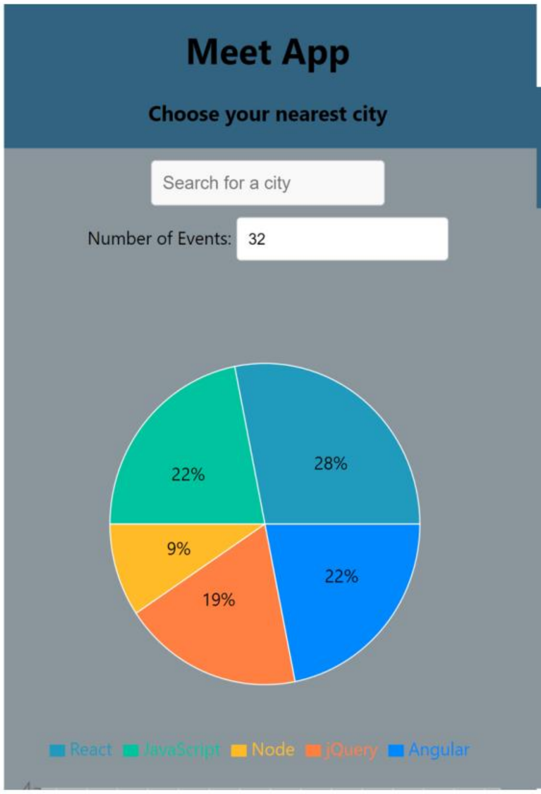
II. Enable users to organize and attend events effortlessly.

III. Prioritize user experience by designing an intuitive and visually appealing interface, optimizing for responsiveness across devices.

Features

Meet App Information Display: The Meet app provides users with comprehensive event details for cities within proximity or of their choice. Leveraging the Google Calendar API, users can effortlessly access up-to-date event listings tailored to their selected location.

Responsive Design: The Meet app is crafted to offer a seamless experience, adapting effortlessly to diverse devices and screen dimensions. Whether accessed on a desktop, tablet, or smartphone, users can expect consistent functionality and user-friendly navigation.



Meet App

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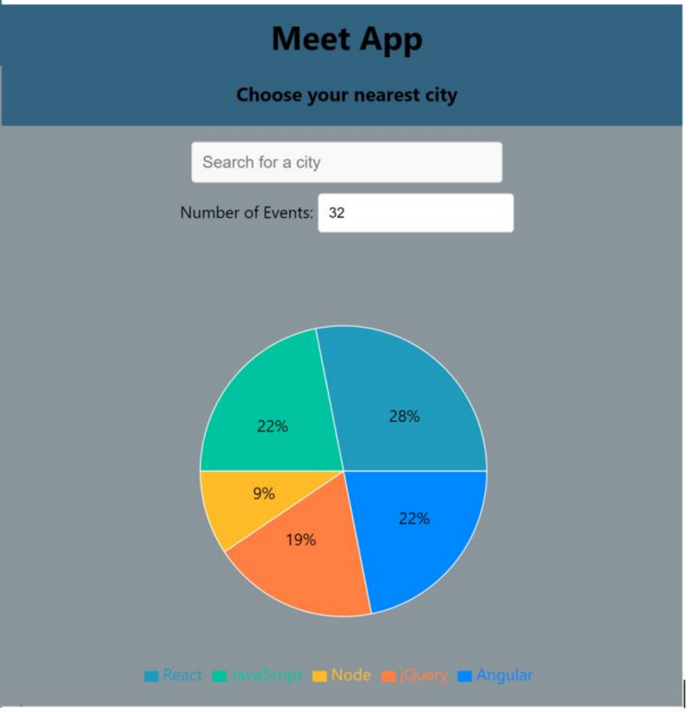
Smart Phone View



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Tablet View

Technical Implementation

The Meet app is constructed with a blend of HTML, CSS, Gherkin, and JavaScript. Utilizing the Google API, the app seamlessly fetches data such as event times and cities.

Event listeners are strategically employed to recognize user clicks on specific cities, prompting the app to fetch and showcase relevant information accordingly.

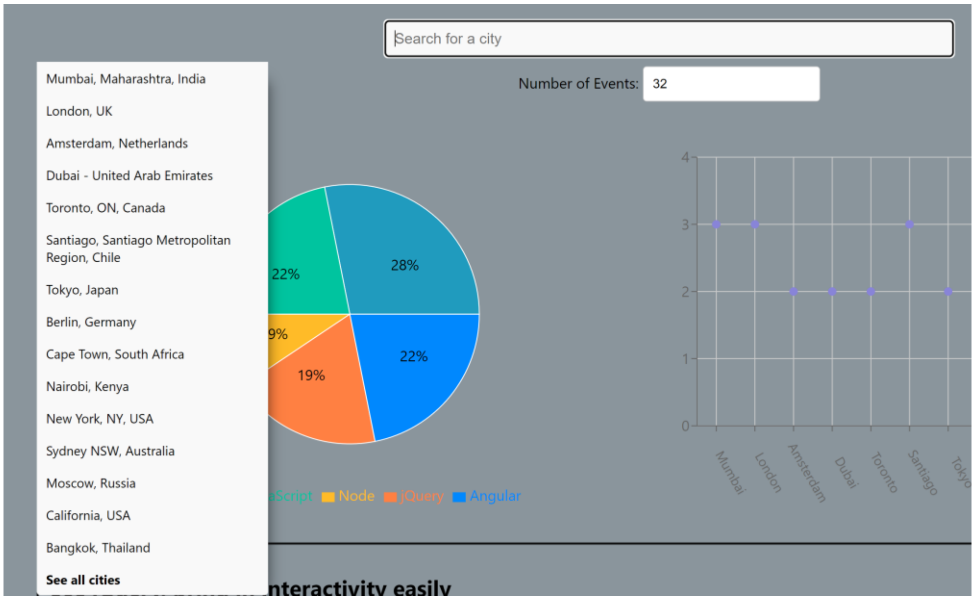
CSS styling is thoughtfully applied to elevate the visual appeal of the app, encompassing layout design, font selections, and color palettes. Emphasizing simplicity and readability, the design ensures users can effortlessly engage with city events without any undue distractions.

Development

This project was developed using JavaScript and a Google Calander API. The first phase involved creating a Google authentication using OAuth and made sure that it worked correctly. The second phase was developed using JavaScript and integrating the Google API with AWS.

Front-End

The application was built in JavaScript. This application was created to provide basic information for travelers or locals of their favorite cities. Within the application the user will be able to discover what type of events that are happening within their city.



Number of Events: 32

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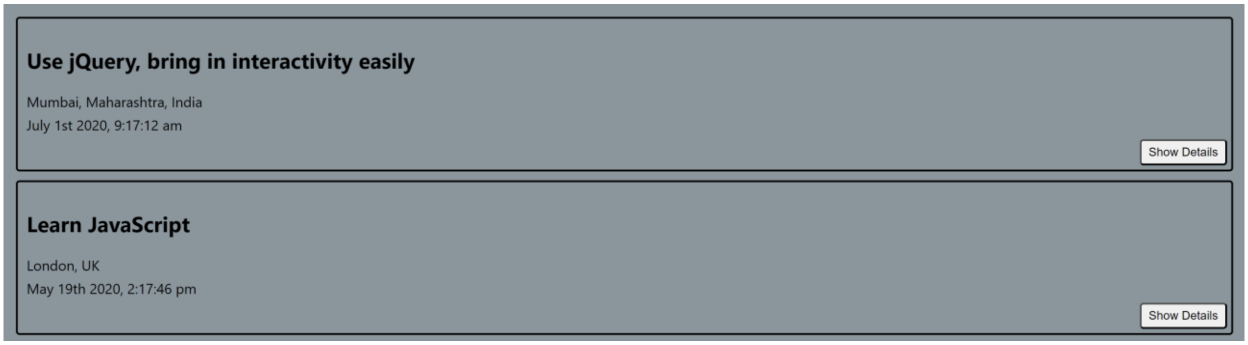


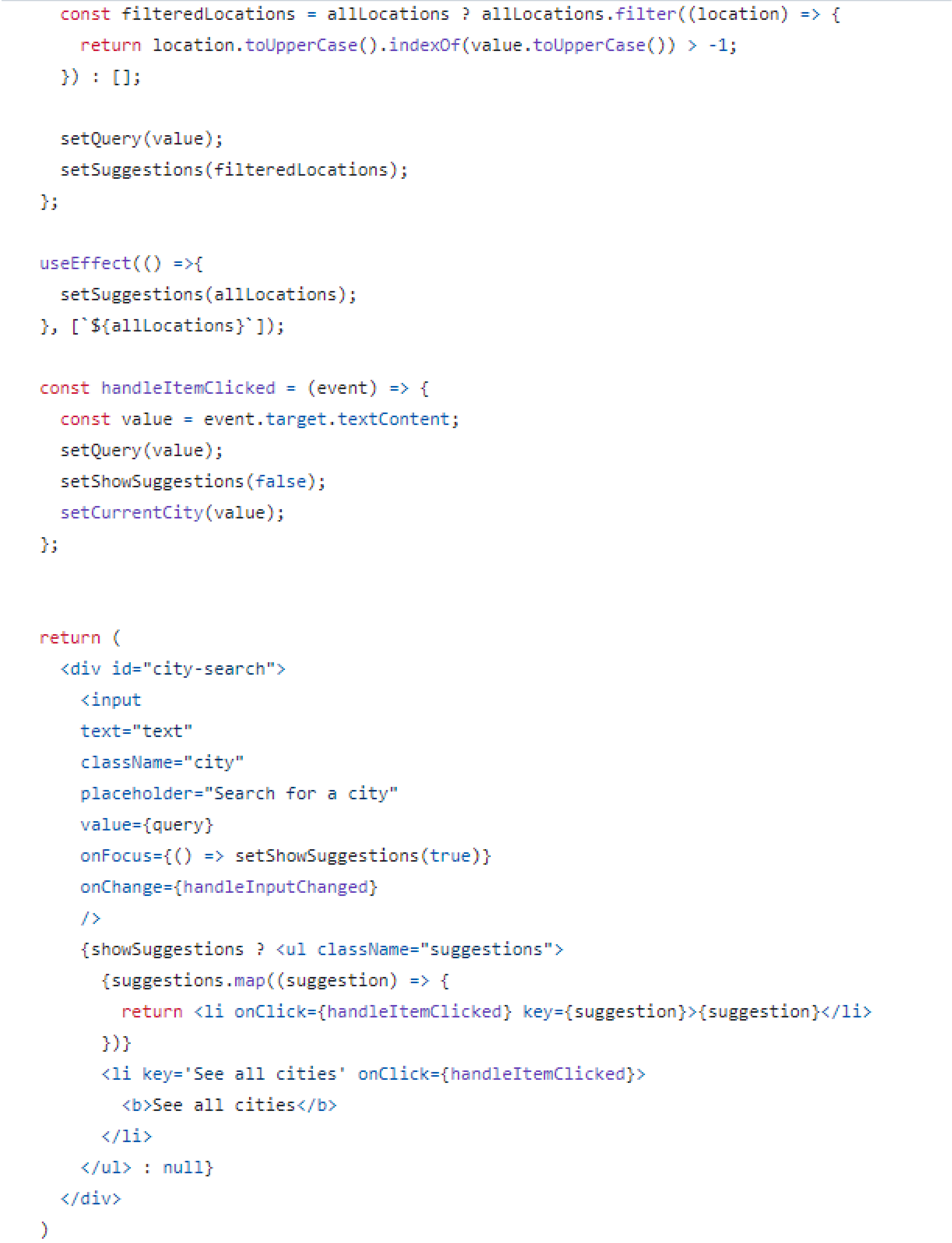
Use jQuery, bring in interactivity easily

Mumbai, Maharashtra, India
July 1st 2020, 9:17:12 am

Learn JavaScript

London, UK
May 19th 2020, 2:17:46 pm

Example of some of my code:



```
    const filteredLocations = allLocations ? allLocations.filter((location) => {
      return location.toUpperCase().indexOf(value.toUpperCase()) > -1;
    }) : [];

    setQuery(value);
    setSuggestions(filteredLocations);
  };

  useEffect(() =>{
    setSuggestions(allLocations);
  }, [`${allLocations}`]);

  const handleItemClicked = (event) => {
    const value = event.target.textContent;
    setQuery(value);
    setShowSuggestions(false);
    setCurrentCity(value);
  };


  return (
    <div id="city-search">
      <input
      text="text"
      className="city"
      placeholder="Search for a city"
      value={query}
      onFocus={() => setShowSuggestions(true)}
      onChange={handleInputChanged}
      />
      {showSuggestions ? <ul className="suggestions">
        {suggestions.map((suggestion) => {
          return <li onClick={handleItemClicked} key={suggestion}>{suggestion}</li>
        })}
        <li key='See all cities' onClick={handleItemClicked}>
          <b>See all cities</b>
        </li>
      </ul> : null}
    </div>
  )
```

Challenges

I encountered several challenges throughout the development process. Primarily, configuring OAuth presented a significant hurdle, requiring a deep dive into troubleshooting and grasping the underlying concepts. Overcoming obstacles in conducting integration testing proved to be another notable accomplishment.

Furthermore, delving into user interaction within the app posed its own set of complexities, including considerations such as mitigating eye strain, optimizing color combinations, and ensuring overall user-friendliness. Through persistence and iterative refinement, I successfully navigated these challenges to enhance the app's usability and effectiveness.

Conclusion

The Meet app represents a paradigm shift in event planning and coordination, leveraging OAuth authentication and Google API integration to deliver a seamless and efficient user experience. By combining robust functionality with intuitive design, Meet empowers users to organize memorable events with ease, fostering collaboration and connection in an increasingly digital world.

Improvements

While I am content with the current version of the application, there exists potential for future expansion by incorporating additional features. This may include providing more comprehensive information about event addresses, duration, and thematic details. However, it is imperative to uphold the app's core principles of simplicity and user-friendliness to sustain ongoing user satisfaction.