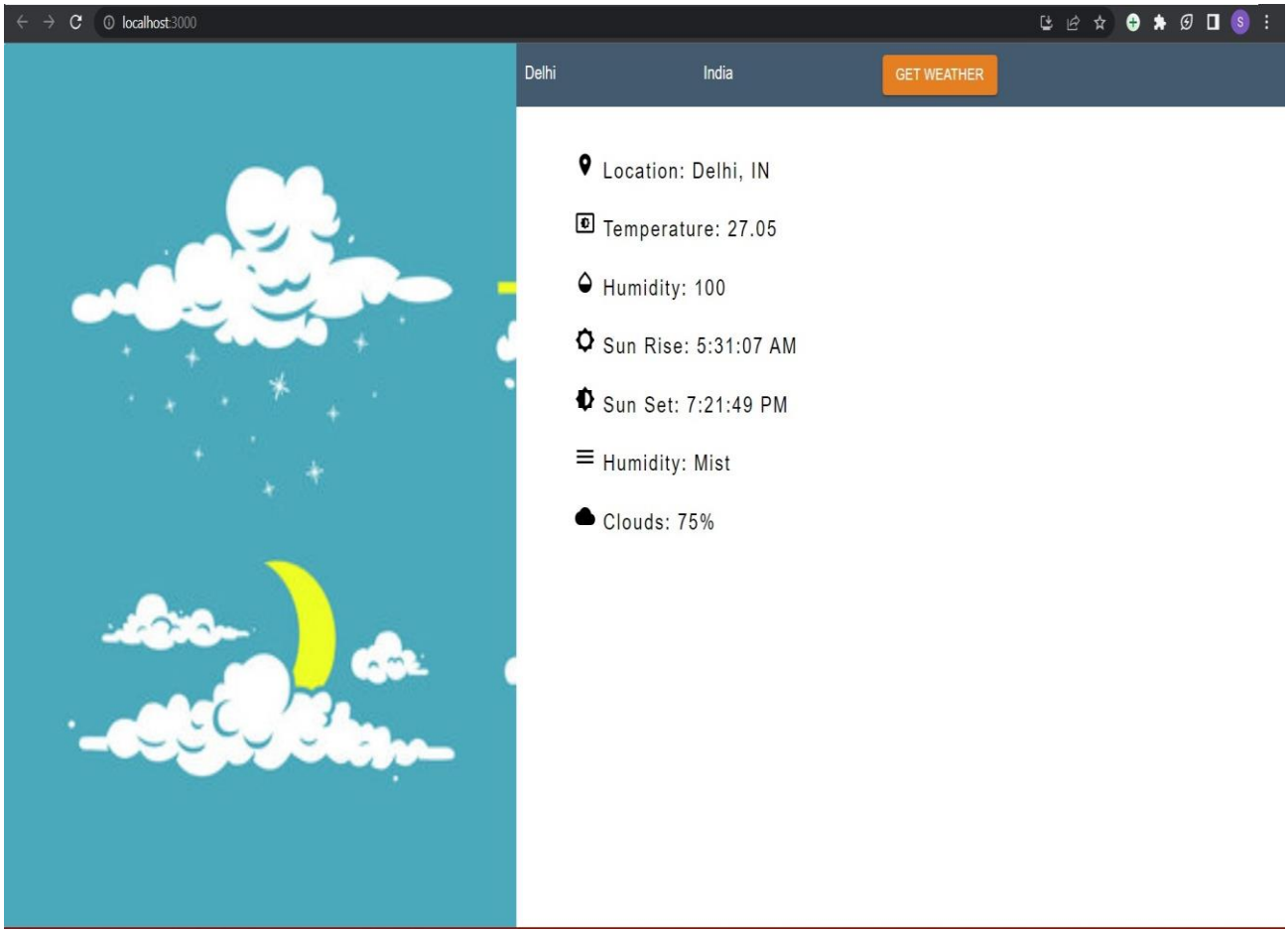
Weather App

Wireframe Documents


localhost:3000
Delhi
India
GET WEATHER
Location: Delhi, IN
Temperature: 27.05
Humidity: 100
Sun Rise: 5:31:07 AM
Sun Set: 7:21:49 PM
Humidity: Mist
Clouds: 75%

1. Introduction:

The purpose of this document is to present the wireframes for a weather app built with React.js.

The wireframes will outline the app's layout, functionality, and user interactions.

The primary goal of the weather app is to provide users with current weather information and forecasts for different locations.

2. User Flows:

User Flow 1: User enters the app and searches for a location's weather.

User Flow 2: User views the current weather and additional details for a specific location.

User Flow 3: User accesses the weather forecast for the upcoming days.

User Flow 4: User navigates between different screens or locations within the app.

3. Wireframe Screens:

Screen 1: Landing Page

Screen 2: Search Bar and Auto-suggestions

Screen 3: Current Weather Display

Screen 4: Additional Weather Details

Screen 5: Weather Forecast

4. Wireframe Design Elements:

Header: Displays the app logo or title.

Search Bar: Allows users to enter a location or use geolocation.

Auto-suggestions: Provides suggestions as users type in the search bar.

Weather Card: Displays current weather information for a specific location.

Weather Icons: Represent weather conditions visually.

Additional Details: Shows more detailed weather information, such as humidity, wind speed, etc.

Forecast: Displays the weather forecast for the upcoming days.

5. Screen-Level Wireframes:

Screen 1: Landing Page

Description: Welcomes users to the weather app.

Elements: Header with app logo, brief app description.

Screen 2: Search Bar and Auto-suggestions

Description: Allows users to search for a location and provides auto-suggestions as they type.

Elements: Search bar, auto-suggestion dropdown, search button.

Screen 3: Current Weather Display

Description: Presents the current weather information for a selected location.

Elements: Weather card with temperature, weather icon, location name.

Screen 4: Additional Weather Details

Description: Provides additional weather details for the selected location.

Elements: Weather card with detailed information like humidity, wind speed, etc.

Screen 5: Weather Forecast

Description: Shows the weather forecast for the upcoming days.

Elements: Forecast cards for each day with date, weather icon, temperature.

6. Interaction and Navigation:

Users can enter a location in the search bar and click the search button to fetch weather data.

Auto-suggestions help users quickly find their desired location.

Clicking on a location in the auto-suggestion dropdown populates the weather information on the current weather screen.

Users can navigate between screens using a navigation bar or tabs.

7. Data Display and Visualization:

Weather information, such as temperature, conditions, and additional details, is displayed using clear and concise UI elements.

Weather icons visually represent the current weather conditions.

The forecast screen shows the weather information for multiple days in a clear and easily scannable format.

8. Responsiveness and Adaptability:

The app's layout and UI elements adapt to different screen sizes, providing a consistent user experience on mobile, tablet, and desktop devices.

The design considers responsive breakpoints to ensure optimal display on various screen resolutions.

9. Annotations and Notes:

Annotations are added directly on the wireframes to provide detailed explanations, highlight interactions, or mention specific design considerations.

Conclusion:

The presented wireframes serve as a foundation for the design and development of the React weather app.

These wireframes outline the app's layout, user interactions, and key design elements.

The wireframes will guide the development team in implementing the desired functionality and user experience.