Web Development Projects

Table of Contents

Complex_2 Projects List

Travel Website

Creating a traveling website in React involves several from designing the user interface to handling data and implementing interactive features.

Brief

Develop React components for different sections of your website, such as Header, Destination Card, SearchBar, etc.Organize components in a modular and reusable manner.

Level 1

- Use React components to dynamically display destination cards based on the travel data.
- Each card should include information like destination name, image, description, and a link for more details.

Level 2

- Create a search bar component to allow users to search for specific destinations.
- Implement logic to filter and display matching destination cards.
- Create routes for different sections of your website, such as Home, About, and specific destinations.

Level 3

- Design a component to display detailed information when a user clicks on a destination card.
- Add interactive features such as hover effects on cards, smooth scrolling, or transitions between pages.
- Implement a contact form or booking form if your website includes features for user interaction or bookings.

To Do

- ☑ Create a navbar
- ☑ Create a router
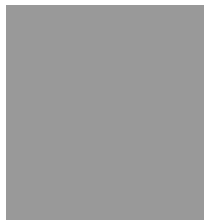- ☑ Create a travel list
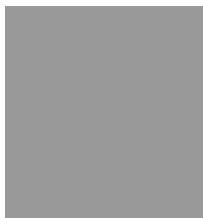- ☑ Find a travel place
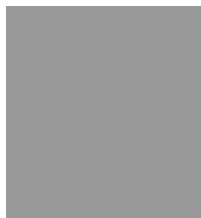
Title

Search Place....

Place 1
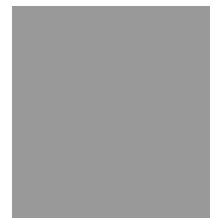
Place 2

Place 3

Place 4

Place 5

Place 6

Place 7

Place 8

Movie Recommendation System

Creating a Movie Recommendation System involves several and while React is typically used for building user interfaces, the core logic and recommendation system .

Brief

Developing an exhilarating project involves building a movie recommendation system using React and machine learning libraries like TensorFlow or scikit-learn.

To Do

- ☑ Create a navbar
- ☑ Create a router
- ☑ Create a movie list
- ☑ Find a movie
- ☑ View a more movie detail

Level 1

- Allow users to create accounts, log in, and manage their profiles.
- This enables personalized recommendations based on user preferences and viewing history.

Level 2

- Incorporate a search feature that empowers users to explore movies by searching for titles, genres, actors, directors, or other relevant criteria.
- Provide personalized movie recommendations based on user preferences, viewing history, ratings, or similar movies.

Level 3

- Utilize algorithms like collaborative filtering, content-based filtering, or hybrid approaches.
- Display detailed information about each movie, including synopsis, cast, director, release date, ratings, and trailers.
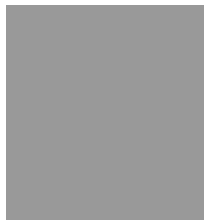- Include options for users to add movies to their watchlist or mark them as watched.
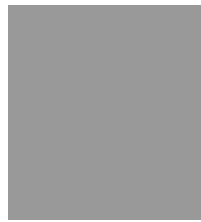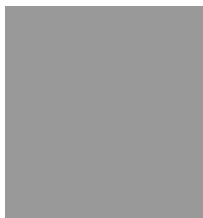
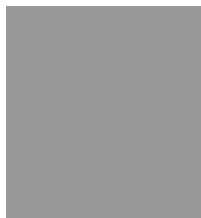# Layout Design
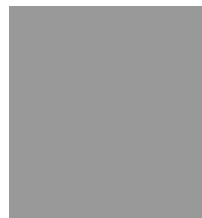
Title
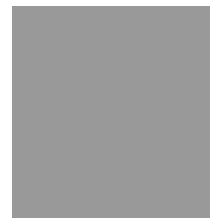
Search Movie...

Movie 1

Movie 2

Movie 3

Movie 4

Movie 5

Movie 6

Movie 7

Movie 8

Event Management System

Creating an Event Management System involves and while React is typically used for building user interfaces, the core logic and recommendation system .

Brief

Utilizing React, you can create an event management system that empowers users to effectively plan, organize, and manage events. Provide features to track and handle attendee queries and cancellations.

Level 1

- Empower event organizers to efficiently create and manage events by offering a platform where they can input essential details such as event title, description, date, time, location, ticketing options, and pricing.

Level 2

- Allow users to register for events and purchase tickets online.
- Implement features such as ticket availability tracking, multiple ticket types, discounts, and secure payment processing.
- Enable users to view event details and register directly from the listings.

Level 3

- Provide a comprehensive listing of upcoming events, including search and filtering options based on categories, dates, locations, or keywords.
- Allow event organizers to manage attendee information, including ticket sales, attendee lists, check-ins, and attendee communication.

To Do

- ☑ Create a navbar
- ☑ Create input and search bar
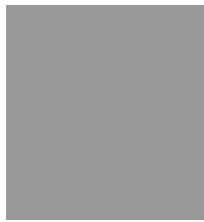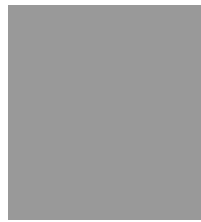- ☑ Create a event list
- ☑ Find a event
- ☑ Book s event

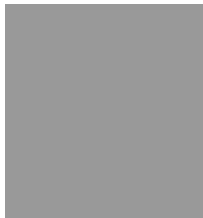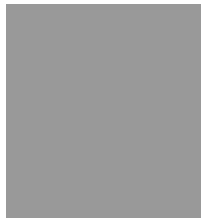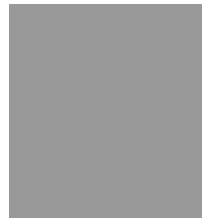**Title**

Search Event...

Event 1

Event 2

Event 3

Event 4
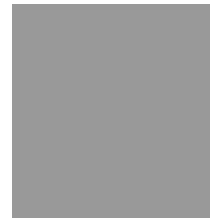
Event 5

Event 6

Event 7

Event 8

Weather App

Creating a Weather App involves multiple steps, and while React is primarily a frontend library, the actual weather data retrieval and processing.

Brief

By building a weather application with React, you can retrieve real-time weather data from an API and present it in an aesthetically pleasing manner. Users can search for locations, view current weather conditions, forecasts, and access additional details such as humidity, wind speed, and visibility.

To Do

- ☑ Create a weather app
- ☑ Create location
- ☑ Create a weather conditions
- ☑ Show a weather

Level 1

- Automatically detect the user's location or allow them to search for a specific location to view the current weather conditions.
- Present up-to-date weather information for the chosen location, showcasing current data such as temperature, humidity, wind speed, visibility, and atmospheric pressure

Level 2

- Provide a forecast for upcoming days, including temperature highs and lows, weather conditions, and precipitation chances.
- Present the forecast in an easily understandable format, such as daily or hourly forecasts.

Level 3

- Allow users to save and switch between multiple locations to check the weather in different areas.
- Leveraging React's modular approach, you can create a sleek and user-intuitive weather app that offers accurate and timely information.

Layout Design

Weather show

Weather category list

Admin Dashboard

Creating an Admin Dashboard involves multiple steps, and while React is primarily a frontend library, the core functionalities such as data retrieval.

Brief

Implement user authentication to secure access to the Admin Dashboard.Use techniques like JWT (JSON Web Tokens) or OAuth for secure authentication.

To Do

- ☑ Create a admin dashboard
- ☑ Create a Oauth
- ☑ Create a Form

Level 1

- Design React components for different sections of your dashboard, such as User Management, Analytics, and Settings.
- Design a section that allows administrators to view and manage user accounts.
- Include functionalities such as adding users, updating user roles, and deactivating accounts.

Level 2

- Implement a section for administrators to configure settings, such as dashboard preferences or system configurations.
- Implement security measures to protect against common vulnerabilities, such as cross-site scripting (XSS) or SQL injection.

Level 3

- Design your React components to be responsive, ensuring a consistent and user-friendly experience on various devices.
- React is essential for creating a dynamic and interactive user interface, the actual data retrieval, processing, and security typically occur on the backend, which is not covered in this description.

Layout Design

Dashboard

username…

password…

Login