

Documentation

Overview

This project is a ReactJS application built with ViteJS to create a monthly calendar timeline similar to the Mobiscroll monthly calendar timeline. The application allows users to view, add, update, and delete events, as well as manage resources.

Features

- Monthly calendar view with resources listed on the Y-axis and dates on the X-axis.
- Drag functionality to move events between dates and resources.
- Add new events by clicking on the calendar.
- Edit event details by clicking on an event.
- Delete events with a confirmation popup.
- Navigation buttons to move to the previous or next month.
- Highlight today's date.
- Add and delete resources dynamically.
- Display event details on hover.

Components

App.jsx

The main component of the application, which includes the FullCalendar setup, event handling, and resource management.

ResourceForm.jsx

Component to add or delete resources.

State Management

- useState and useRef hooks are used to manage events and resources.

- `useEffect` is used to initialize the calendar reference.

Styling

- Tailwind CSS is used for styling the components.
- Custom CSS is added for specific UI enhancements.

Dependencies

- `react`
- `react-dom`
- `fullcalendar/react`
- `fullcalendar/resource-timeline`
- `fullcalendar/interaction`
- `react-modal`