

## Events App

- Event dashboard app
- Theme: Cat Activities
  - 4 Cat users:
    - Muffin
    - Elvis
    - Khaleesi
    - Nimbus
  - Events:
    - Cat yoga
    - Bird watching
    - Cat spa
    - Wrestling
    - Zoomies
    - Treat tasting
  - Categories:
    - Exercise
    - Cuisine
    - Relaxation
    - Entertainment
  - Annoy grumpy neighbour
  - Collect catnip
  - Sunbathing
  - Cuddle Puddle
  - Cat Concert

## Requirements:

- Display list of events
- Add events
- Edit events
- Delete events
- Event page with details
- React Router
- Form(s)

## Main.jsx

- React Router
- Context

## EventsPage.jsx

- Display all events (event items)
- Event details
  - title
  - description
  - image
  - startTime & endTime
  - categories
- Event items clickable → link to event page
- Use React Router
- “Add Event” button
  - Pop-up/modal or new page
  - Form
  - Connect to back-end
    - add new events to event list
  - POST request
- Search function
  - Based on name of event
- Filter function
  - based on categories

### EventPage.jsx

- Use React Router
- Event details
  - title
  - description
  - image
  - startTime & endTime
  - categories (id)
  - location
  - created by (name, image, user id (not visible))
  - event id (not visible)
- “Edit Event” button
  - Pop-up/modal or on same page
  - Form
    - All details editable
- Connect to back-end
  - Edit events on event list
- PUT / PATCH request
- Message of success or failure
  - Chakra component “Toast”
- “Delete Event” button
  - Display check and warning to user
  - Connect to back-end
    - Delete events from event list
  - DELETE request after confirmation
  - Redirect to events page

### Optional:

- Make app responsive
- Use Context to store users + categories
  - Advantage: only fetch them once

### Consider using:

- useReducer
- Context
- Component Composition
- State management solution → keep simple
  - No need to track data in a state when editing/deleting

### Mobile lay-out:

- 1 column / 1 event wide
- Use Stack / Flex

### Desktop lay-out:

- Multiple columns / events wide
  - 3 events
- Use SimpleGrid or Flex

### Colour scheme / inspiration:

- Neutral / Earthy colours