**Phase 5 - Course-end Project 1**

**Building an Event Finder App in React**

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**DESCRIPTION**

Build a React app where users can view and promote upcoming events.

**Background of the problem statement:**

You are a web developer at a company called FindMyMovies. The company has decided to launch a new app called FindMyEvents where users can view and add upcoming events in their region. Backend development has been outsourced and frontend will be developed in-house. During sprint planning, you agree to lead this project and develop an app that will let users find events using APIs that backend engineers will provide. The tasks you are responsible for:

* Building the application in React
* Setting up a JSON server for testing until backend APIs are ready
* Managing the state using Redux

**Project Overview:**

This is a Simple application where user can able to perform operations like add event delete event and view different event the application is build using react technology managing of states is done using redux and for moving through one page to another react router is used

To install json-server

Use cmd

npm install json-server

To start a json-server: go to the folder where json file is present and run cmd

json-server –watch database.json –port 8000

after that the fake API will be created

go to the

localhost:8000/events

to access the data

In redux we have maily 3 parts Action , ActionType an store

Action is the part where the fetching inserting and deleting of data is done

ActionType is the part where they will be given a unique name to identify

Store is the part where all the Action are present any page can access the store.js and perform the operation

**Sprint Planning:**

|  |  |  |
| --- | --- | --- |
| **Sno** | **Sprint** | **Duration** |
| **1** | Setting up json server is done | 1-day |
| **2** | Building UI pages like add event and Event listing are done | 1-days |
| **3** | Using react-redux the code is written which will perform the add event and Displaying of events | 3-days |

**Technologies Used:**

React

React-router-dom

React-redux

Redux

Redux-Thunk

Json server

Bootstrap

**Project Git hub link:** [Github Event-Finder ApplicationProject](https://github.com/Naren487/Teksystems/tree/main/Phase%205/event-finder)

**Conclusion and Unique Selling Points:**

This Application performs simple operations like create , read, delete but using a Fake json server ,This can easily converted in to a real API