

Project 4b: Building an Event Finder App in React

Documentation

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Sprint planning

There were 4 sprints planned. Tasks achieved in these sprints are listed below:

Sprint 1

- Project instruction understanding
- Application planning
- Basic application structure

Sprint 2

- Connection to JSON server
- Data / events displaying
- Log In and Registration feature
- Add New Event feature

Sprint 3

- Bootstrap styling and responsivity implementation
- Account detail displaying
- Delete Event feature
- Bug fixing

Sprint 4

- Code clearing and simplifying
- Last adjustments
- Application testing
- USPs definition and enhancement proposals

User-view: Find My Event application description

The Find My Event application is a website for viewing and sharing upcoming events. On the Home page, a short description of the website and last added events are displayed.

Find My Event

Home All Events Log In Register

Welcome to Find My Event!

Short description of Find My Event website. Short description of Find My Event website.



Check Last Added Events

Experience Mexican and American Food at Andel

Prague Region, 28.6.2023



[More Info](#)

Prague Ice Cream Festival

Prague Region, 24.6.2023



[More Info](#)

We Eat and Drink in Spanish Style

Jihocesky Region, 17.6.2023



[More Info](#)

Event website. Short description of Find My Event website.



Short description of Find My Event website. Short description of Find My Event website.



Check Last Added Events

Experience Mexican and American Food at Andel

Prague Region, 28.6.2023



On the next tab, All Events page, users can browse through all added events which are sorted in alphabetical order for better orientation.

Find My Event

Home All Events Log In Register

All Available Events



Experience Mexican and American Food at Andel

28.6.2023

Prague Region

[More Info](#)



Ginfest 2023

17.6.2023

Prague Region

[More Info](#)



International Firework Competition

22.7.2023

Jihomoravsky Region

[More Info](#)



Prague Ice Cream Festival

24.6.2023

Prague Region

[More Info](#)



Smetana's Litomyšl

15.6.2023

Pardubicky Region

[More Info](#)



We Eat and Drink in Spanish Style

17.6.2023

Jihocesky Region

[More Info](#)

Find My Event



All Available Events



Experience Mexican and American Food at Andel

28.6.2023

Prague Region

[More Info](#)

All Available Events

Find My Event



All Available Events

All Available Events



Experience Mexican and American Food at Andel

28.6.2023

Prague Region

[More Info](#)



By clicking on the “More Info” button, users can view the event detail. The “Go Back” button redirects users back to the previous page (either the All Events or Home page).

Find My Event

Home All Events Log In Register

Ginfest 2023



Type: Food Festivals

Date: 17.6.2023

Location: Prague, Prague Region

Created By: michaela

Description: Již po sedmé se představí veřejnosti na jednom místě nejvýznamnější výrobci a distributoři, kteří se budou dělit s návštěvníky o svoji lásku a vášeň k ginu. Nabídnu nejen vzorky svých značek k ochutnání, ale také vás seznámí s jejich příběhy a zajímavostmi.

Original Website: <https://www.kudyznudy.cz/akce/ginfest-2023>

Go Back

Find My Event

Ginfest 2023

Type: Food Festivals

Date: 17.6.2023

Location: Prague, Prague Region

Created By: michaela

Description: Již po sedmé se představí veřejnosti na jednom místě nejvýznamnější výrobci a distributoři, kteří se budou dělit s návštěvníky o svoji lásku a vášeň k ginu.

Find My Event

Ginfest 2023

Type: Food Festivals

Date: 17.6.2023

Location: Prague, Prague Region

Created By: michaela

Description: Již po sedmé se představí veřejnosti na jednom místě nejvýznamnější výrobci a distributoři, kteří se budou dělit s návštěvníky o svoji lásku a vášeň k ginu.

Logged-in users can unlock more features offered by the application. Here is the Log In page:

Find My Event

Home All Events Log In Register

Log In to Share Your Events

Username:

Password:

Log In

Find My Event ≡

Log In to Share Your Events

Username:

Password:

Log In

New users can create an account on the Register page:

Find My Event

Home All Events Log In Register

Create an Account

Username:

Email:

Password:

Register

Find My Event ≡

Create an Account

Username:

Email:

Password:

After logging in, the user is redirected to his/her profile/account detail. As it is shown in the next picture, the navigation bar for logged-in users changes - Log In and Register pages disappear and My Events and Profile pages are displayed.

The screenshot shows a web application interface for a user named Michaela. At the top, there is a dark header bar with the text "Find My Event" on the left and "Home All Events My Events Profile" on the right. Below the header, the main content area displays "Hello michaela!" followed by "Account Details:" and the user's information: ID: 1 and Email: michaela@gmail.com. A blue "Log Out" button is located at the bottom left of this section. To the right of the main content, there is a dark sidebar with a "Find My Event" button and a three-line menu icon.

Find My Event

Home All Events My Events Profile

Hello michaela!

Account Details:

ID: 1

Email: michaela@gmail.com

Log Out

Find My Event

≡

The All Event page is also a little different for logged-in users. Events which have been added by the logged-in user can be deleted here by clicking on the “Delete” button. Events added by other users don't show this option.

[Find My Event](#)

[Home](#) [All Events](#) [My Events](#) [Profile](#)

All Available Events



Experience Mexican and American Food at Andel

28.6.2023

Prague Region

[More Info](#) [Delete](#)



Ginfest 2023

17.6.2023

Prague Region

[More Info](#) [Delete](#)



International Firework Competition

22.7.2023

Jihomoravsky Region

[More Info](#)



Prague Ice Cream Festival

24.6.2023

Prague Region

[More Info](#)



Smetana's Litomyšl

15.6.2023

Pardubicky Region

[More Info](#) [Delete](#)



We Eat and Drink in Spanish Style

17.6.2023

Jihocesky Region

[More Info](#)

[Find My Event](#)



All Available Events



Experience Mexican and American Food at Andel

28.6.2023

Prague Region

[More Info](#) [Delete](#)

[Find My Event](#)



All Available Events



Experience Mexican and American Food at Andel

28.6.2023

Prague Region

[More Info](#) [Delete](#)



On the My Event page, there is a list of events added by the logged-in user. He/she can view and delete the events here as well.

Find My Event

Home All Events My Events Profile

My Added Events

[ADD NEW EVENT](#)



Experience Mexican and American Food at Andel

28.6.2023

Prague Region

[More Info](#) [Delete](#)



Ginfest 2023

17.6.2023

Prague Region

[More Info](#) [Delete](#)



Smetana's Litomyšl

15.6.2023

Pardubický Region

[More Info](#) [Delete](#)

Find My Event ≡

My Added Events

[ADD NEW EVENT](#)

A vibrant Mexican and American food spread featuring tacos, nachos, and various toppings.

Experience Mexican and American Food at Andel

28.6.2023

Prague Region

[More Info](#) [Delete](#)

By clicking on the “Add new event” button, a side form for adding an event is displayed. The logged-in user can add events here which are then automatically displayed on other pages (Home, All Events, My Events).

Find My Event

Home All Events My Events Profile

My Added Events

[ADD NEW EVENT](#)



Experience Mexican and American Food at Andel

28.6.2023

Prague Region

[More Info](#) [Delete](#)



Ginfest 2023

17.6.2023

Prague Region

[More Info](#) [Delete](#)



Smetana's Litomysl

15.6.2023

Pardubicky Region

[More Info](#) [Delete](#)



Smetana's Litomysl

15.6.2023

Pardubicky Region

[More Info](#) [Delete](#)

Add New Event

Event Name

Event Date

Add New Event

Event Name

Event Date

Event City

Event Region

Event Type

Event Description

Event URL

Event Image

[ADD](#)

If there are no events added by the logged-in user yet, then the My Events page looks like this:

[Find My Event](#)

[Home](#) [All Events](#) [My Events](#) [Profile](#)

My Added Events

No added events yet.

[ADD NEW EVENT](#)

And again, after clicking on the “Add new event” button, a form for adding an event appears.

[Find My Event](#)

[Home](#) [All Events](#) [My Events](#) [Profile](#)

My Added Events

No added events yet.

[ADD NEW EVENT](#)

Add New Event

Event Name

Event Date

Event City

Event Region

[Find My Event](#)



My Added Events

No added events yet.

[ADD NEW EVENT](#)

Add New Event

Event Name

Event Date

Core concepts, frameworks & programs used

- **Visual Studio Code** as IDE
- **React** as the framework for application implementation
 - react-redux
 - @reduxjs/toolkit
 - react-router-dom
- **JSON server** as temporary data storage before BE is provided
- **Bootstrap** for application styling and responsivity
- **GitHub** for application versioning

GitHub repository

[mianto5/FSDP_Project4: Java Full-Stack Development Program: Project 4 solution \(github.com\)](https://github.com/mianto5/FSDP_Project4)

Conclusion and enhancing possibilities

Find My Event is a simple application for promoting events. Guest users can view the application description and last added events on the Home page. On the All Events page, they can display the list of all added events in alphabetical order and also see the details of particular events by clicking on the More Info button.

For logged-in users, there are additional features. They can add new events and display the list of their added events on the My Events page. The logged-in user can also delete his/her events (events added by other users don't show this option). On the Profile page, the logged-in user can view his/her account details.

This application is an early product, many enhancing possibilities can be designed. Firstly, I would recommend adding filters to the All Events page (events could be filtered based on their type, date etc.). Also a new feature "My Favourites" was started, but not finished for the lack of time. The idea of this feature is that logged-in users could give likes/hearts to events they are interested in. Then the events could be sorted or filtered based on this criteria.

To style the application, a basic Bootstrap template is used. Thanks to that, the application is responsive to screen dimensions. Based on the company's preferences, the styling could be evolved to reflect typical company's colors, designs and logos.