


# weExplore

MERNstack project by Isabelle, Jack & Chris T

Coder Academy FastTrack Melbourne 19/20

A cityscape featuring a bridge over a river, with a church spire and modern skyscrapers in the background. The text is overlaid on the image.

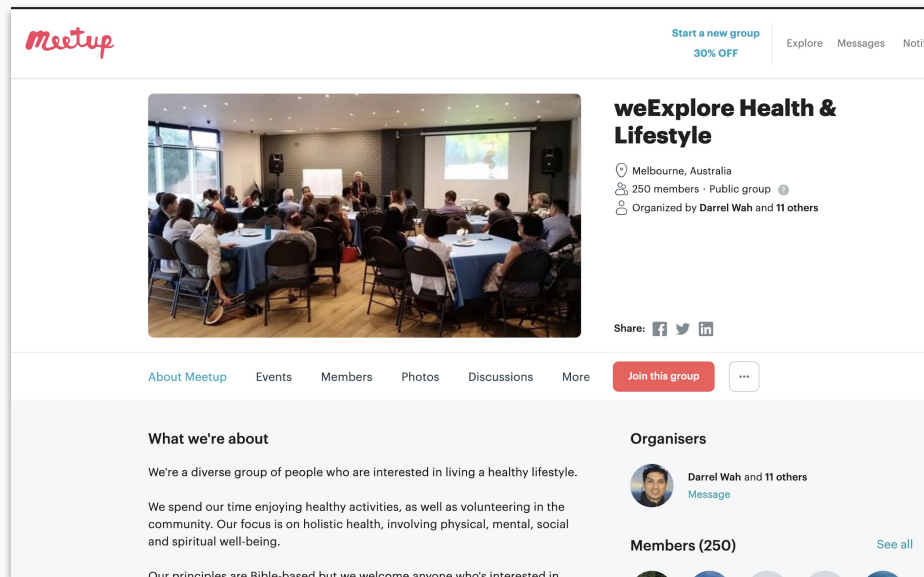
# Who is weExplore?

Not for profit organising and  
hosting health and lifestyle  
events

# exploreProblem

weExplore had no website of their own.

This meant no access to their database, or metrics about their members and their events.



A photograph of a city skyline, likely New York City, featuring a bridge over a river. The skyline includes several tall skyscrapers, including the Empire State Building. The text 'exploreSolution' is overlaid in a large, white, sans-serif font.

# exploreSolution

A functional and usable  
custom events based  
website built using the  
Mern Stack.

In 3 weeks.

# exploreTeam

*Your Agile Developers, plus Berry.*



**Chris Tri**

DevOps

Software engineer -  
full-stack



**Jack Toke**

Lead Engineer

Back-end specialist  
for weExplore and One  
Good Street



**Izzy Peskett**

Product Owner

Software engineer -  
front-end

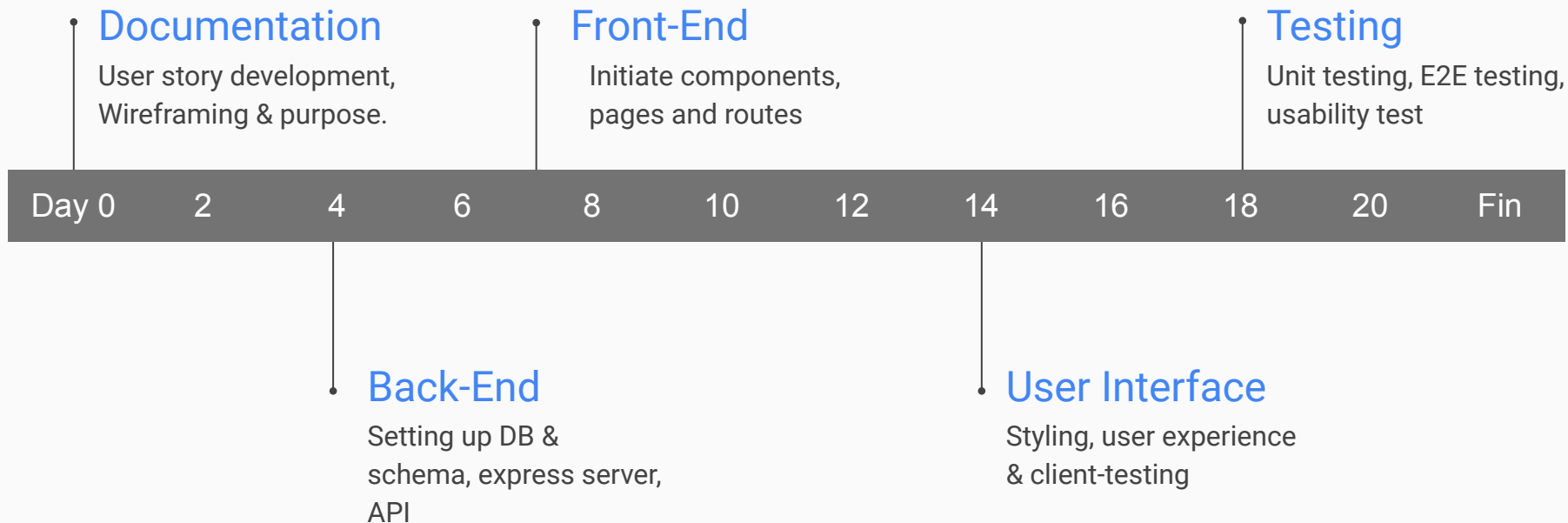


**Berry Books**

Lorem ipsum dolor sit  
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adipiscing elit, sed do  
eiusmod tempor

# exploreTimeline

*Process of development*



# exploreRequirements

## User story #1

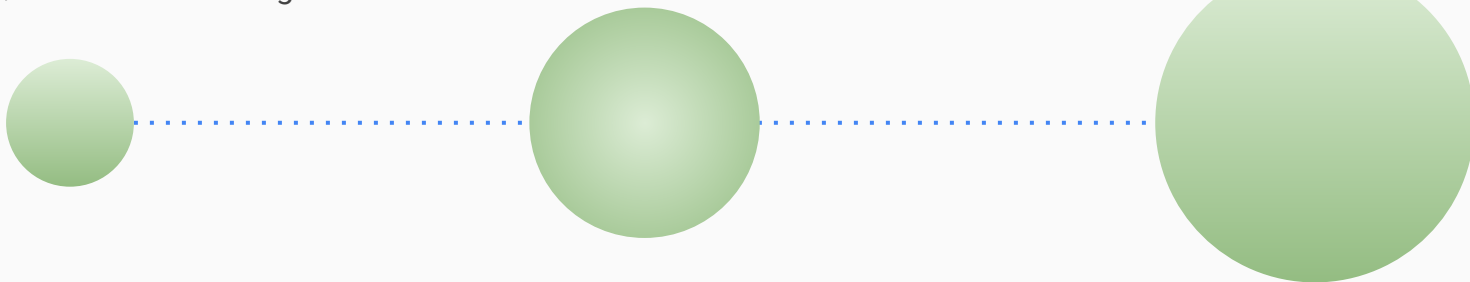
As a regular member I want to be able to click attend on an event so that weExplore know I am coming

## User story #2

As an admin I want to have access to my member and events database so that I can analyse the metrics

## User story #3

As an admin I want to be able to create, delete and edit an event so that I can show my members what weExplore is hosting







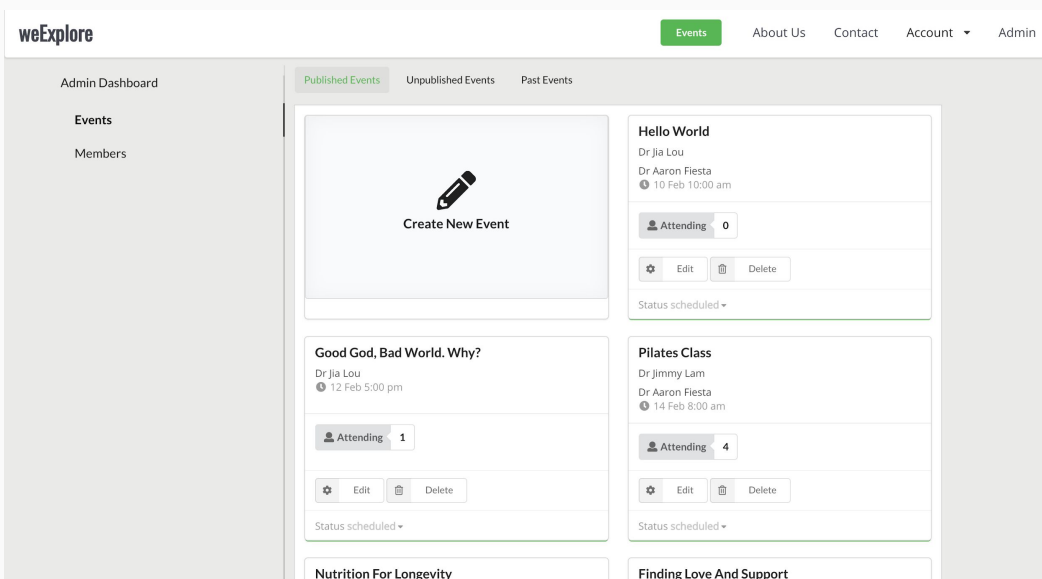
exploreFeatures



# Admin Dashboard

## Built a custom dashboard

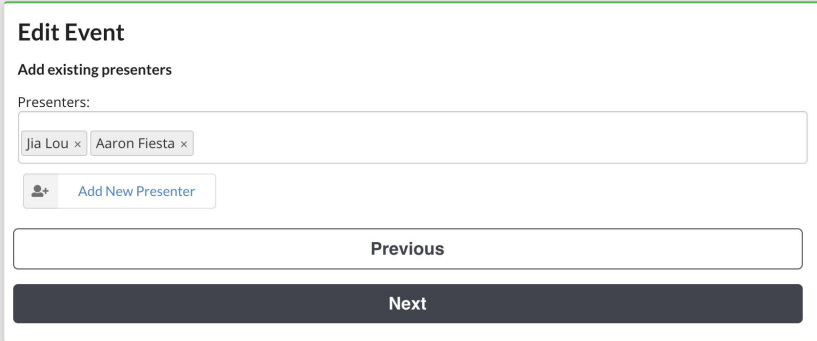
- Toggle between members & events
- Toggle between published, unpublished & past events
- Ability to create, delete and edit an event
- Ability to republish or duplicate an event



# Nested forms

Ability to add a new presenter whilst creating or editing an event

- Saves the event information and can sojourn to the presenter form
- Save the new presenter and returns to the event form with new presenter



The screenshot displays a web form titled "Edit Event". Below the title is a section labeled "Add existing presenters". Underneath this, the text "Presenters:" is followed by a horizontal container. This container holds two existing presenter entries, "Jia Lou x" and "Aaron Fiesta x", each with a small 'x' icon for removal. Below these entries is a button with a person icon and the text "Add New Presenter". At the bottom of the form, there are two navigation buttons: a light gray "Previous" button and a dark gray "Next" button.

# Republish events


Ability to republish an event whilst retaining the original in the database

- Republish brings in the values from the original event and routes to edit event form
- Through the reducer instead of a patch request it makes a post request


## Mastering Your Ego


Dr Aaron Fiesta

🕒 11 Feb 5:00 pm

 Attended

0

 Edit

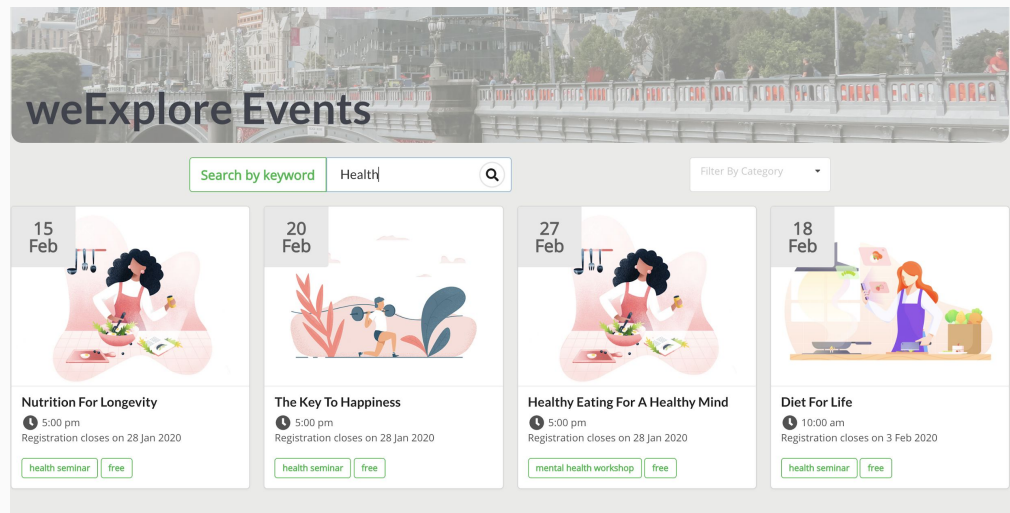
 Delete

Republish

# Search/Filter events & recommend events

Ability to search for events by keyword, filter by event and events recommended to you.

- Keyword input picks up words and presents back events with any of those words in them
- Single events suggest other events in similar category



# exploreChallenges

- Conditionals for showcasing events:
  - Published ? Status ? Is user already attending ?  
Event capacity ?
- Keeping the code clean - as there is many components it started to get very confusing or “spaghetti” like
- Trying to meet all the “little” requirements
  - Google event calendar plug in
  - Ability to bring along friends and children to events and capture their details
  - Recurring events
  - Donations to events

exploreSite



# exploreWishlist

- Mobile responsive
- Generating QR codes
  - Interactive attendee list/ check off attendees as they come
- Google calendar plug in
- Ability to automatically email members about upcoming events