

EventPulse - A Local Event Finder

Description

Purpose

CommunityConnect contacted us to create EventPulse, a local event finder app, so people are able to find various events happening around them. Additionally, EventPulse allows event organisers to advertise their events and find their target demographic. Ultimately, this app allows for people to connect with others and helps build a sense of community within an area.

Functionality/features

Login/sign-up

- Email
- Password
- Location
- Preferences
 - Music Events
 - Sports Events
 - Markets/Food Events
 - Community Events

Home Page

- Local events in area shown in blog format
 - Image
 - Event name
 - Location
 - Date
 - Short Description
- Search for events
 - Event name
 - Location
 - Category/preference

Event Page

- Image
- Event name
- Location
- Date
- Host
- Description
- Share (email/social media)
- RSVP

- Number of RSVP's

Account

- View/change account information
 - Location
 - Preferences
- RSVP'd events
 - Email notifications about upcoming events
- Event Creation
 - Image
 - Event Name
 - Description
 - Location
 - Date/time

Target Audience

There would be a wide target audience for this app as it caters to a wide range of events, so the audience would include people looking to go to events in their area and people looking to advertise an event. Additionally, the app could serve as a platform to keep someone's events organised, as they could see which events they have coming up and get notifications closer to the date. People that would like to share events they're interested in with their network would also be a target audience.

Tech Stack

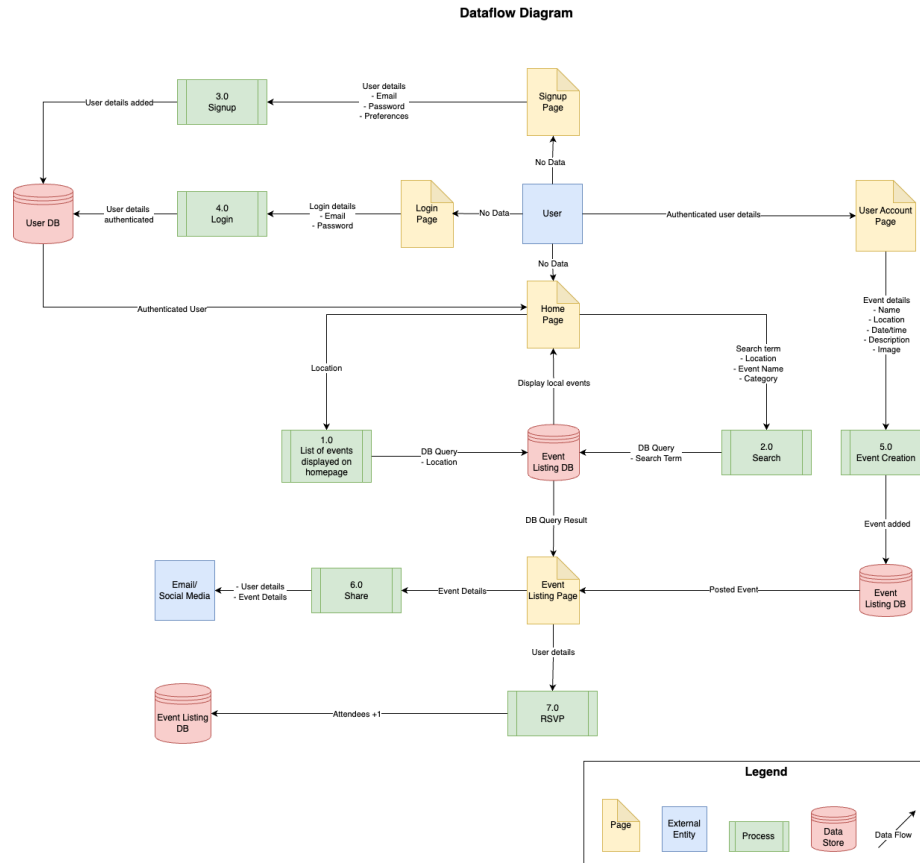
Front End

- HTML
- CSS
 - MaterialUI
- Javascript (ReactJS)

Backend

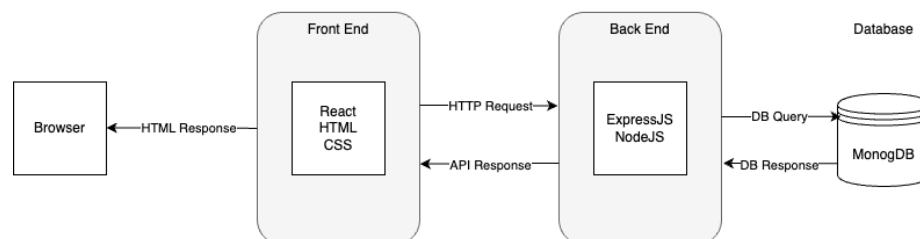
- ExpressJS
 - Mongoose
- NodeJS
- MongoDB

Dataflow Diagram



Application Architecture Diagram

Application Architecture Diagram



User Stories

Original User Stories

| Name | Persona | Use case |
|--------|---|---|
| Jack | Jack likes to do things with his friends on the weekend and is looking for something to do this weekend | Use EventPulse to find events |
| Abbey | Abbey is an event manager, organising music events but also other types of events | Use EventPulse to advertise her events |
| Luca | Luca has lots of events coming up and always forgets when they are going to happen | Use EventPulse to get reminders for upcoming events |
| Sam | Sam wants to let her friends know about an event that they're going to | Use EventPulse to share an event with friends |
| Hayden | Hayden has an event he's planned and wants to know how many people are coming | Use EventPulse to see number of attendees |

- As Jack, I want to be able to see the events that are happening around me, so I can make plans in my free time
- As Abbey, I want to be able to post my event and share it with the community, so I can get an audience at my events
- As Luca, I want to be able to plan and get reminders for events that are upcoming, so I don't forget what events I have coming up
- As Sam, I want to be able to share events I'm interested in by email or social media, so I can go to events with my friends
- As Hayden, I want people to be able to RSVP to my event, so I can see the number of attendees for my event

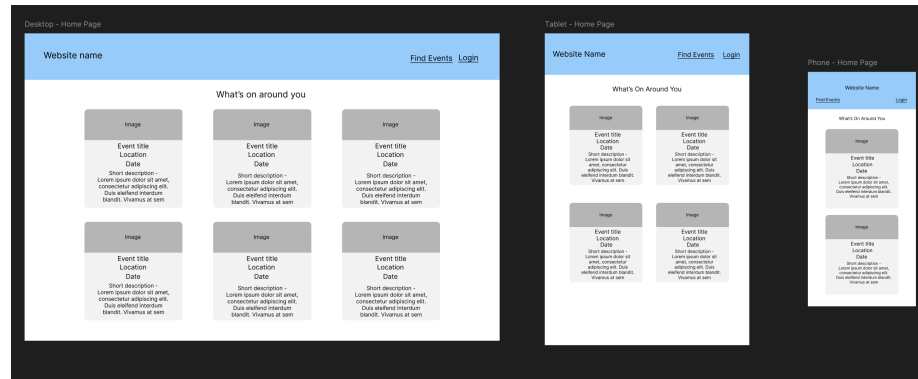
Revised User Stories

| Name | Persona | Use case |
|--------|---|---|
| Jack | Jack likes to do things with his friends on the weekend and is looking for something to do this weekend | Use EventPulse to find events |
| Abbey | Abbey is an event manager, organising music events but also other types of events | Use EventPulse to advertise her events |
| Luca | Luca has lots of events coming up and always forgets when they are going to happen | Use EventPulse to get reminders for upcoming events |
| Sam | Sam wants to let her friends know about an event that they're going to | Use EventPulse to share an event with friends |
| Hayden | Hayden has an event he's planned and wants to know how many people are coming | Use EventPulse to see number of attendees |

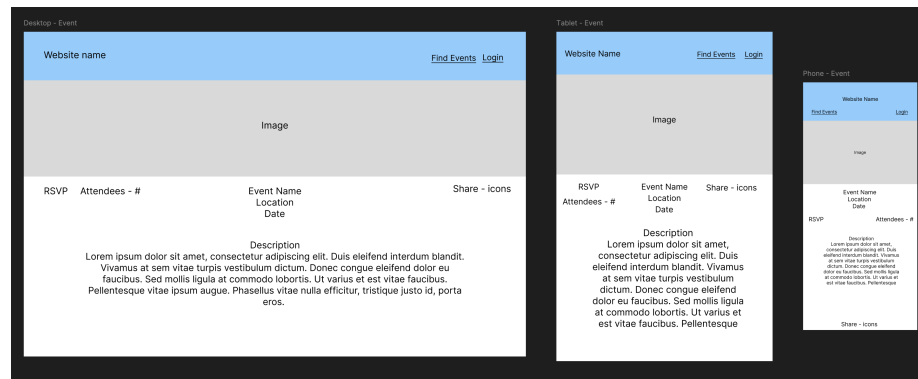
- As Jack, I want to be able to see the events that are happening around me by searching for the type of events I like, so I can make plans in my free time
- As Jack, I want to be able to view the events that are happening around me on the home page of EventPulse, so I can make plans in my free time
- As Abbey, I want to be able to post my event and share it with the community, so I can get an audience at my events
- As Luca, I want to be able to plan and get reminders for events that are upcoming, so I don't forget what events I have coming up
- As Sam, I want to be able to share events I'm interested in by email or social media, so I can go to events with my friends
- As Hayden, I want people to be able to RSVP to my event and see the number of attendees, so I can plan my event better

Wireframes

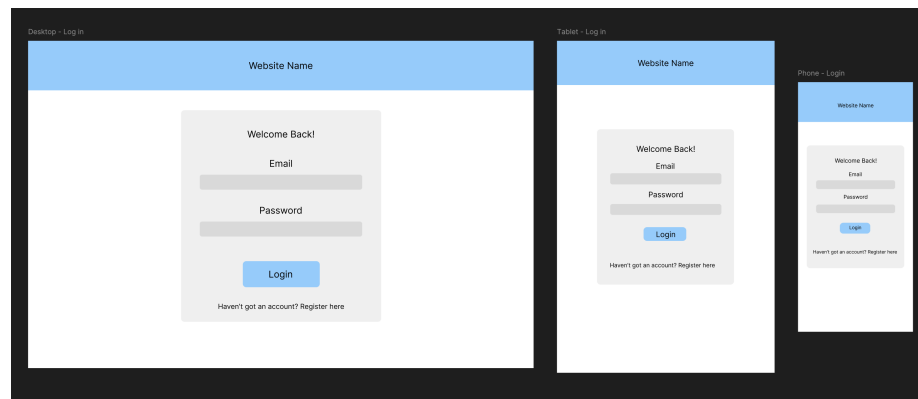
Home Page Wireframe



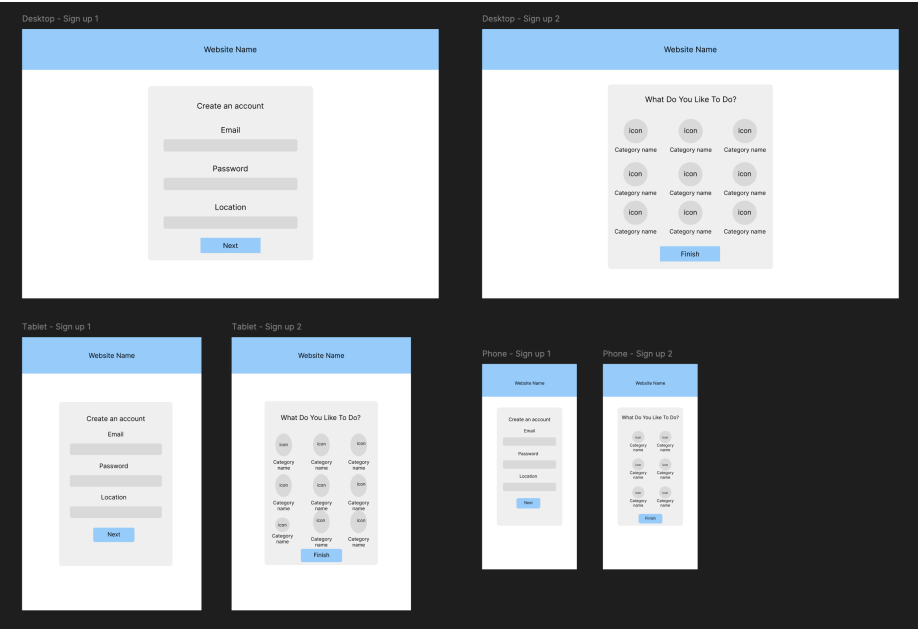
Event Page Wireframe



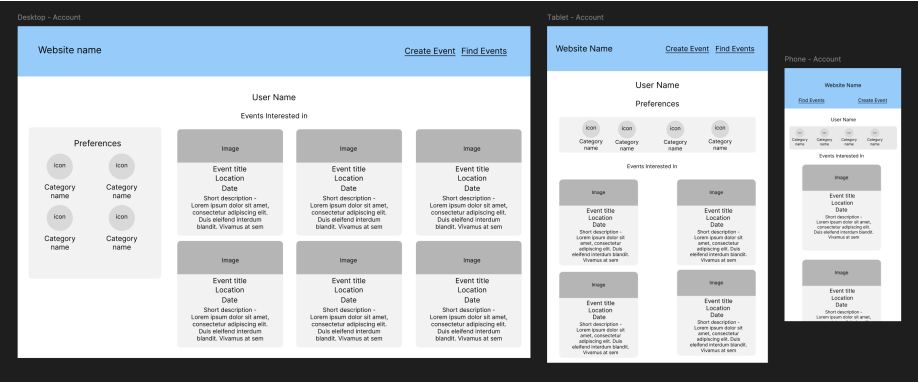
Login Page Wireframe



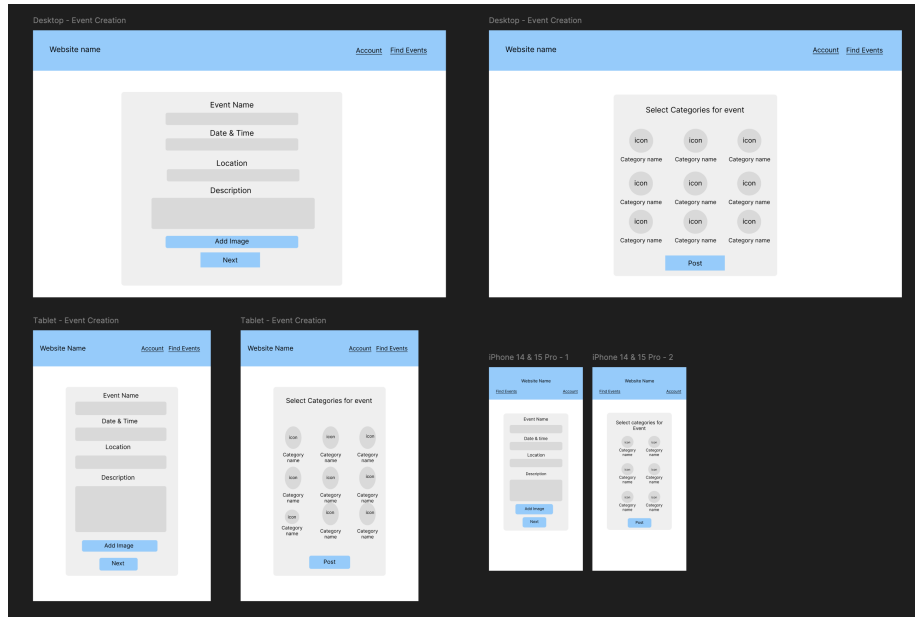
Sign-up Page Wireframe



Account Page Wireframe

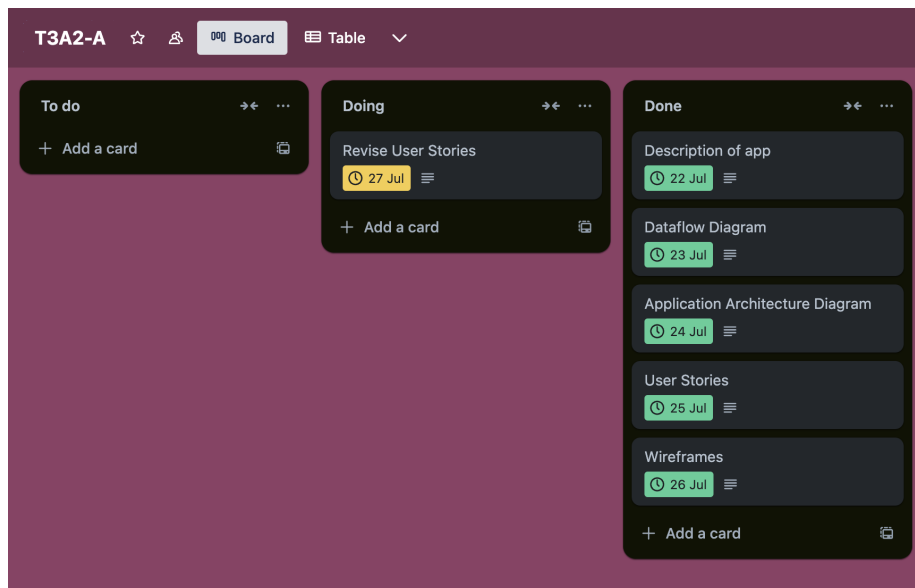


Event Creation Page Wireframe



Trello Board

Trello Board Overview



Trello Cards

Description of app

in list [Done](#)

Notifications

Due date

Watch

22 Jul, 12:00

Complete

Description

Edit

Outline:

- Purpose
- Functionality/features
- Target audience
- Tech stack

Activity

Show details

JT

Write a comment...

Add to card

Members

Labels

Checklist

Dates

Attachment

Location

Cover

Custom Fields

Power-Ups

+ Add Power-Ups

Dataflow Diagram

in list [Done](#)

Notifications

Due date

Watch

23 Jul, 12:00

Complete

Description

Edit

Include processes and data flow for:

- Home page
- Login page
- Sign up
- Event page
- User account page

Activity

Show details

JT

Write a comment...

Add to card

Members

Labels

Checklist

Dates

Attachment

Location

Cover

Custom Fields

Power-Ups

+ Add Power-Ups

Application Architecture Diagram

in list [Done](#)

Notifications

Watch

Due date

24 Jul, 12:00

Complete

Add to card

Members

Labels

Checklist

Dates

Attachment

Location

Cover

Custom Fields

Description

Edit

Need to include how communication happens between:

- Browser
- Front-end
- Back-end
- Database

Activity

Show details

JT

Write a comment...

Power-Ups

+ Add Power-Ups

User Stories

Cover [Done](#)

Notifications

Watch

Due date

25 Jul, 12:00

Complete

Add to card

Members

Labels

Checklist

Dates

Attachment

Location

Cover

Custom Fields

Description

Edit

Include user stories for following features:

- Find local events
- Post events
- Share events
- Get notifications for upcoming events
- See number of attendees

Activity

Show details

JT

Write a comment...

Power-Ups

+ Add Power-Ups

Wireframes

in list [Done](#)

Notifications

Due date

Watch

26 Jul, 12:00

Complete

Members

Labels

Checklist

Dates

Attachment

Location

Cover

Custom Fields

Activity

Show details

JT

Write a comment...

Power-Ups

+ Add Power-Ups

Automation

Description

Edit

Create wireframes for the following pages:

• Home page

• Event page

• Login page

• Sign up page

• Account page

• Event creation page

Revise User Stories

in list [Doing](#)

Notifications

Due date

Watch

27 Jul, 23:00

Due soon

Members

Labels

Checklist

Dates

Attachment

Location

Cover

Custom Fields

Activity

Show details

JT

Write a comment...

Power-Ups

+ Add Power-Ups

Automation

Description

Edit

Look at features and see how to refine and improve user stories