



# LocalLive



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LocalLive is a web application designed to bring together the the local musical community. Artists, Venues, and Audience members come together in one app to promote concerts and events

## Objectives

## How It Works

## Conclusion

### Vision

To create a website for venues, artists, and music lovers to connect with each other about local live music events in their area. The goal of this website is to allow local communities to come together and enjoy local music. This site should be easily accessible to musicians and audience members of any kid.

### Overall Project Goals

- Allow audience members to see an interactive maps of all upcoming events in their area, as well as follow their favorite venues and artists
- Allow venues and artists to create events to share with the community
- Create a basic booking process to allow venues and artists to collaborate on events

### My Personal Goals

- Develop code for event cards
- Allow users to save events
- Create events page
- Clean up UI
- Create new profile page
- Create Licensing and ReadMe

### Github

LocalLive is hosted on github at <https://github.com/loadedskiffer/LocalLive>.

### Development Environment

I used VS Code to develop this project. I ran the app on the localhost ports of my computer. I used MongoDB Compass for database work

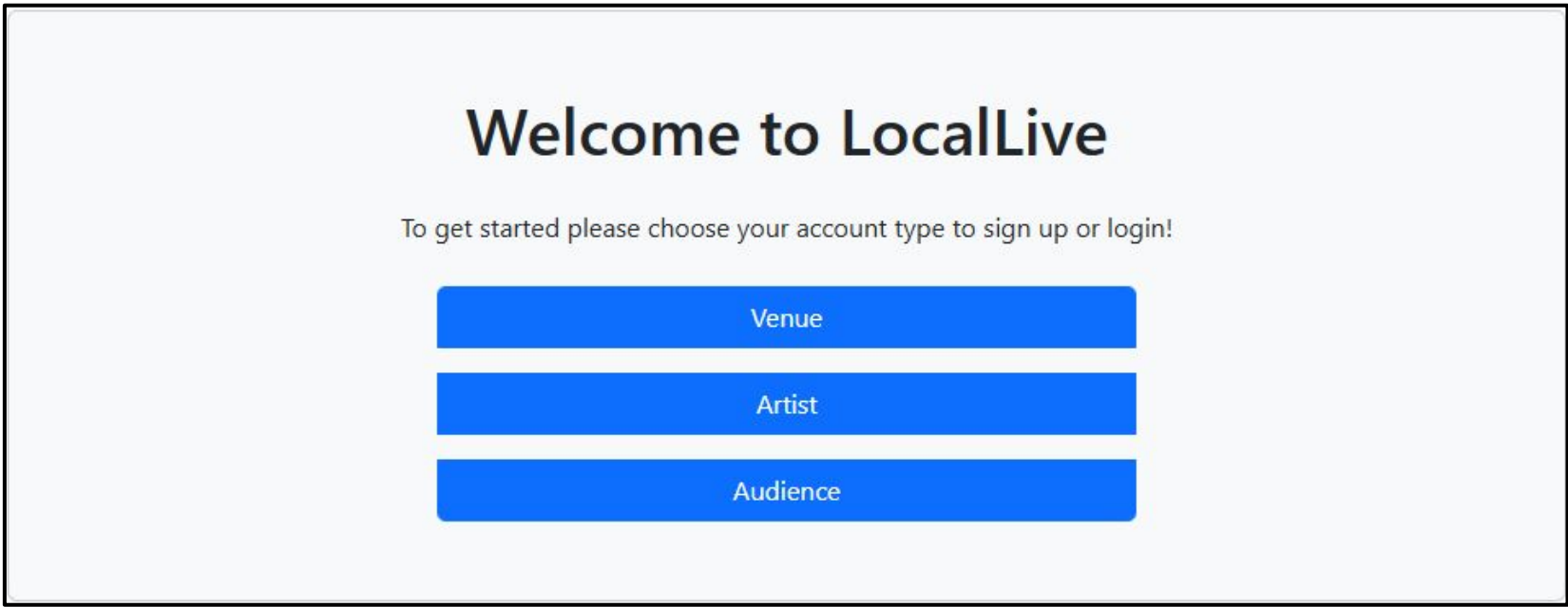
### Tech Stack

The MERN Stack was used to develop this project.  
M - MongoDB  
E - Express  
R - React  
N - Node

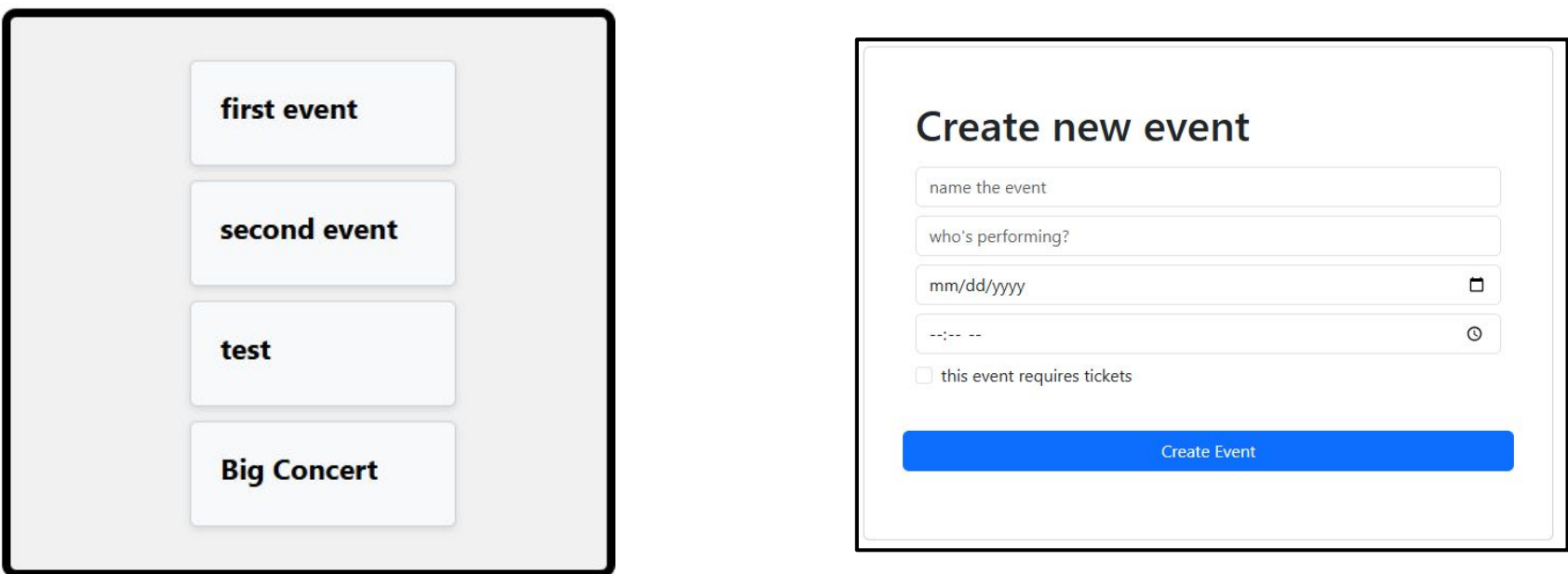
### The Two Halves

The app is split up into two parts, the client and the server. The client is in charge of all of the users interactions with the app. The server deals with all of the interactions with the database and handles routing. The server also defines all of the models, controllers, and middleware.

### Client



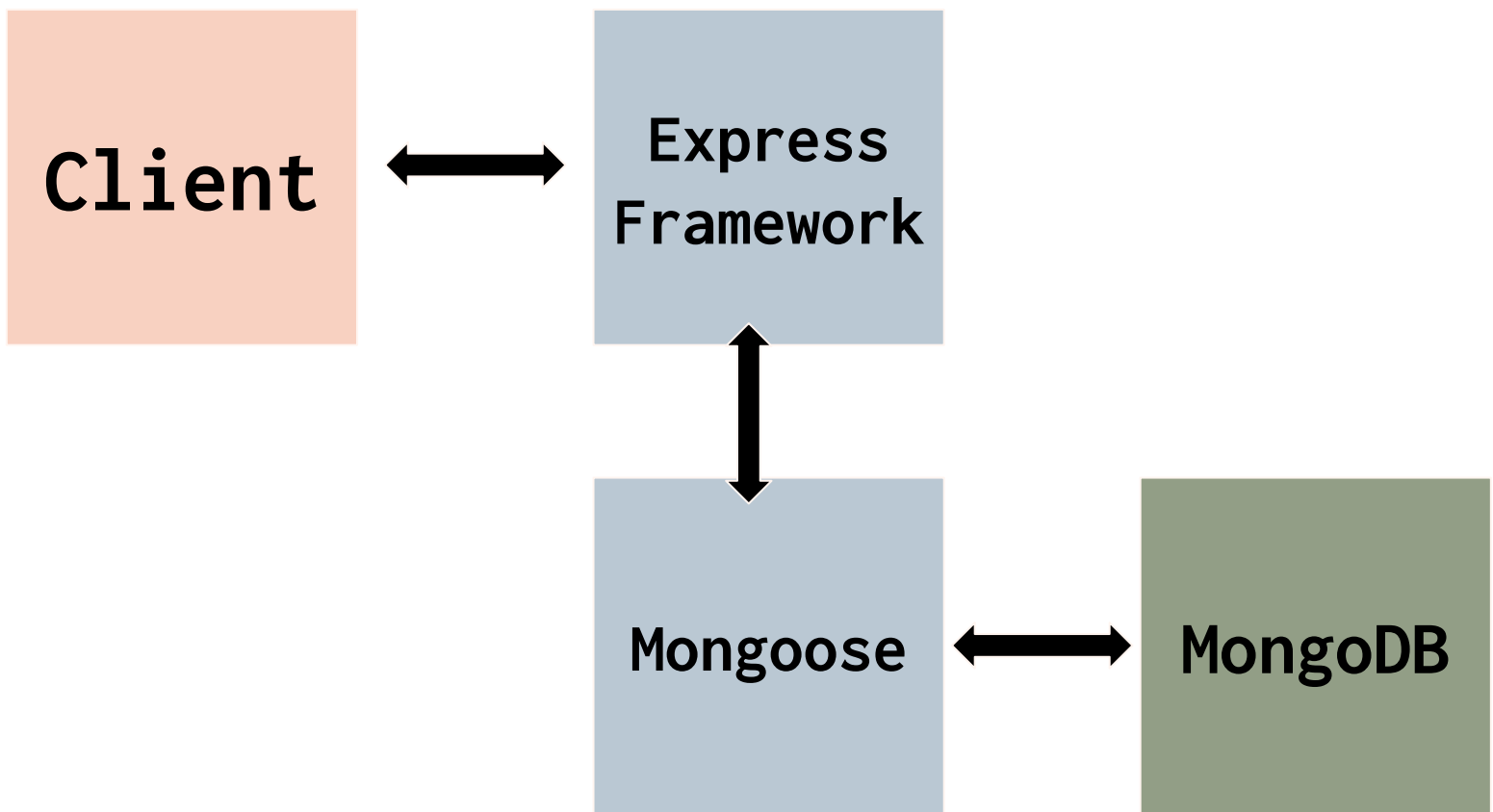
Login/Sign up Page



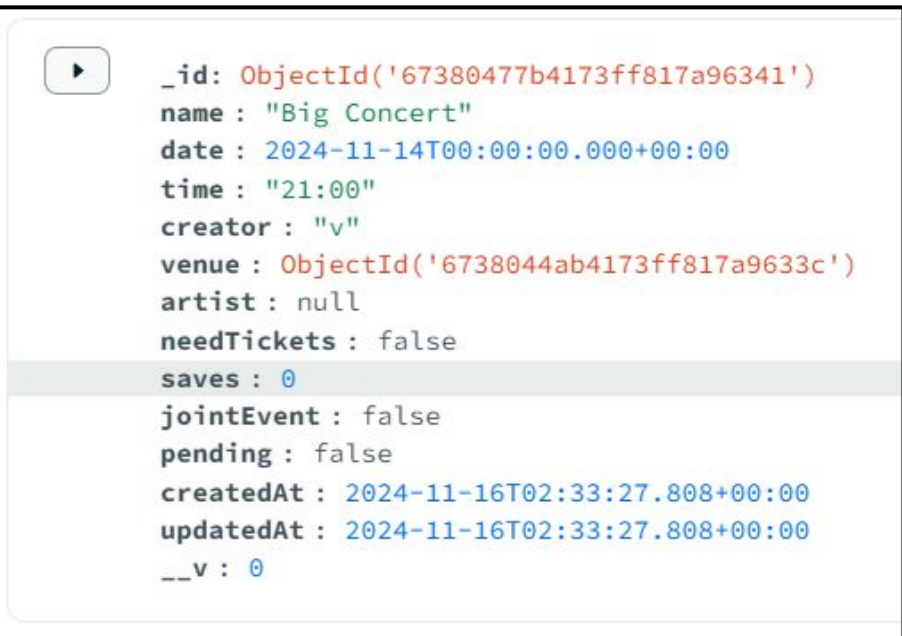
How users view events

How venues create events

### Server



Get, Post, Put, and Delete calls follow this path from the user to the DB back to the user.



Example of an Event Object in the DB

### What I Accomplished

- Created an MIT License for the project
- Created a ReadMe to help me learn about the project
- Created functionality for Venues to create events and to edit events they'd already created
- Created functionality for Venues to view other venues' events
- Created functionality for Audience members to view events

### Problems I faced

- Early in the semester I had trouble picking up React
- Client stopped working in the middle of the semester
- Had trouble with routing and linking pages

### What I learned

- React
- MongoDB
- Routing
- Bootstrapping with React
- CSS
- HTML
- Developing UI

### Future Plans

I plan to keep working on this project next semester, and maybe getting a team to help