

# AroundTown

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# Description

Myself along with a team of 3 other Launchcode graduates have developed an application that is for creating events and finding events in a specific community. The user can log in and is able to view events based on specific filters, or create an event as well, and events can also be deleted if need be. The user will have a user profile that they can create and delete. This is a full stack development using Angular and Springboot.



# Features

- Login/Logout
- Creation and deletion options for user profiles and events
- Search abilities for all event form fields, with filtering options



# Planning - User Stories

Through user stories we have designed a beautiful application. Our user story that began with account creation, took us down a long but very informative road on how to connect the front end with the back end to create a full stack application. Our login/logout story was extremely large and required intensive education on authentication. From our search and filter stories we learned so much about reactive forms and Angular itself and we were able to create a wonderful layout.



# Planning - Database

Our database is comprised of 4 main items, events, users, user passwords, and event and user id's. These work together for users to be able to create a userprofile in the database with relevant information for them to be able to login and view or create events. Password data is used to compare against for basic authentication. Id's are used for multiple things to be able to pull user and event information.



# Technology Stack

- Java, Javascript, TypeScript
- Springboot and Angular
- MySql Database
- CRUD repository library integrated, also learned about JPA Library, Spring and JWT Security.



# Demo



# What I Learned

- How to create a login with authentication – basic for now but will improve on this with JWT implementation.
- Learned how to create a full stack application for the first time
- Most features were new territory, but we specifically learned some extremely valuable information on login/logout, searches and filters, working with multiple API's, and how to apply design that created the best user experience.





# What's Next

- Mapping API's and building more knowledge around what is available.
- Will continue to build on AroundTown – maybe production someday?
- More projects! Plan to build an application for parents to help assist them in finding other families for play times, group learning, and more.

