

Capstone Inception: GigLocal

WHY

MISSION

To cultivate a marketplace where local musicians and audiences may connect, providing customers with the talent they need, and empowering musicians to discover freelance opportunities.

VISION

Our vision is to revitalize the intimate practice of creating and consuming chamber music through transforming the relationship between musicians and audiences into one which prioritizes collaboration within one's own community.

WHAT

GOALS

- Allow musicians to create profiles where they can feature their music
- Allow customer accounts seeking a musician to post to a job board
- Enable communication between the two parties to cultivate an active music scene

NON-GOALS

- Processing payments between musicians and customers
- Communication between musician accounts

USER STORIES

As a *musician*, I want to:

- Create an account
- Sign in using my account
- Create a profile
- Share photos, videos, and audio files on my profile
- Tag my profile with search terms relating to my instrument/ensemble instrumentation, style, and typical asking price (range)
- Search for local gigs on a job board
- Filter search results to locate gigs that I am most interested in (AKA utilize tags)
- Contact customers who have posted gigs that I am interested in

As a **customer** I want to:

- Create an account
- Sign in using my account
- Post gigs to a job board

- Tag my gig to notify musicians in my area that I am in search of x type of musician for x type of gig located at x and am working with x budget
- Search for and visit musician profiles to preview their sound
- Filter search results to find musicians meeting my needs
- Contact musicians that I am interested in hiring
- “Favorite” musician profiles to quickly renavigate to those select profiles

ROLES/PERSONAS

Selena:

- Having a destination wedding next year (*Both distance and future dates to consider*)
- Looking for a musician for her ceremony
- On a budget
- Frequently loses sleep over the one time she said “you too” after being told to “enjoy the movie” at the theater

Jack:

- Baby boomer
- Enjoys heavy metal (*Will this cater to customers with all kinds of taste?*)
- Unfamiliar with the names of instruments
- Intense dislike of craft beer but won’t stop going on about the one time he brewed a batch in undergrad

RISKS/MITIGATIONS

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| <ul style="list-style-type: none"> • Unfamiliar processes & technologies • Vague/ill-defined workflows • Security/Privacy • Potential for grievances between customers and musicians | <ul style="list-style-type: none"> • Leverage open-source libraries and APIs • Review user stories • Limit use of PII/sensitive data • Draft a legal disclaimer page |
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HOW

TECHNICAL REQUIREMENTS

- Angular 13
- Bootstrap 5
- Creating wireframe with Figma
- Kanban board/workflow management with GitHub
- JSONPlaceholder for testing purposes
- Collecting location data from IP addresses using ipapi:
[ipapi - IP Address Lookup and Geolocation API](#)
- Identifying user device to appropriately format site with userstack:
[userstack - Free User-Agent Lookup & Device Detection API](#)

- Validating email addresses upon account creation with mailboxlayer: [mailboxlayer API | Free, Powerful Email Validation API](#)
- User authentication with auth0's Authentication API: [Authentication API Explorer \(auth0.com\)](#)
- Messaging APIs?
- How do you create user profile pages?

ROADMAP

1. Wireframe and workflow mock-ups – by 1st week of August
2. Home page – by 2nd week of August: 8-12
3. Sign In/Create Account page – by 2nd week of August: 8-12
4. User profile page, beginning to build tags – by 3rd week of August: 15-19
5. Job board page – by 4th week of August: 22-26
6. Search bar – by 4th week of August: 22-25
7. Database – September
8. Dummy data/testing – September
9. Accepting payments for paid user accounts: sponsored profiles and/or listings