Goals:

1. Create an Angular app using Eventful and Soundcloud APIs

2. Allow a user to find concerts for their musician or genre of choice

3. Users should be able to define date range, genre, artist, or keywords. Defaults will apply otherwise

4. Using the data from eventful, give users a soundcloud player to showcase music from their selected artist

5. Provide links to eventful page for additional concert information, or soundcloud page for additional concert information

6. Elegant, simple experience that is consistent across platforms

7. Using the data provided by the APIs, fill information to be accessible to screen readers

8. Incorporate Google Analytics tracking using Angulartics, goals, events, etc.

9. ?

Stretch Goals

1. Incorporate additional APIs like Spotify for additional music options

2. Offer login options or the ability to save event information

3. Use an API such as Twilio to send text reminders to users about events

4. Experiment with a React?

5. Additional pages for more results.

6. ?

Aesthetics

1. Color theming similar to http://989rocks.com/

2. Event/artist boxes similar to Instagram. Large square picture on the left with info/description on the right. Probably 6-8 boxes per page. Maybe additional pages?

3. Home page will have a dark muted theme with light colored text

4. Accessible, easy to use selections for date, genre, artist, etc.

TODO

1. Begin Week 1
2. Find colors and background images
3. Begin app using Angular
4. End week 1
5. Begin Week 2-3
6. Define the layout, and build for adaptability across platforms
7. Sign up for API usage and authentication.
8. Build search functions
9. Test to ensure correct data sent/received
10. End Week 2-3
11. Begin Week 4-5
12. Learn how to use data across APIs to make soundcloud calls based on eventful return
13. End Week 4-5
14. Begin Week 6
15. Implement analytics
16. Add ability to save favorites
17. End Week 6
18. Begin Week 7
19. Maybe add "editor's choice" music to home screen beneath search options
20. Polish/ensure deployment to GH-pages?
21. End Week 7
22. Profit

Challenges

This project is similar to some of the work we have done in the course so far. I think there are two or three big challenges that I will need to overcome. The first, is learning how to incorporate 2 APIs, and share information between them. I think my second main challenge will be to ensure that enough input can be collected from the user to return good information, without being so specific that no results are available. This goes for both the eventful search, and the requests to soundcloud. Finally, allowing a user to easily save and return to searches will be a challenge depending on how it is implemented.

MENU BAR

Login?

Find Music/Events

| dates Start | END | Genre/Artist/Keyword |

| IMG | Title Date DESCRIPT DESCRIPT | IMG | Title Date DESCRIPT DESCRIPT |

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MENU BAR

Faves | Logout

IMG

Title of Event
Date
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| Soundcloud | F | EF | Share

IMG

Title of Event
Date
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| SoundCloud | F | EF |

ETC