Zach Russell, Jake Secor, Taylor Delaney
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**(Working) Titles:**
Delorean Radio
I Liked Their Old Stuff Better
Stuck in the Past
Hasbeen Radio
Nostalgia Radio
Remember 6th Grade?
This Radio Plays Things from the Past

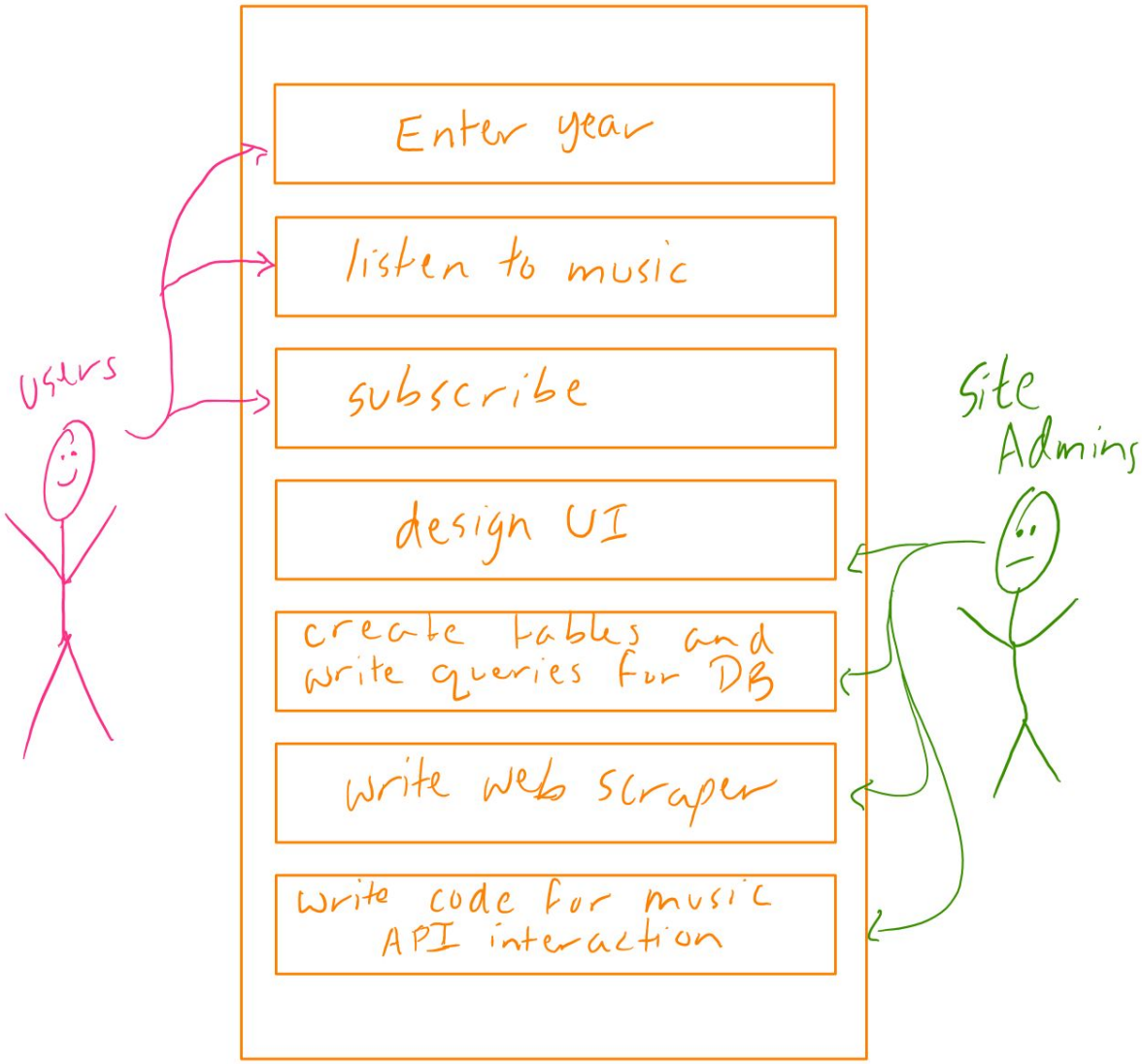
**Description:** Have you ever thought, “Gee, I’d love to listen to the radio like it were 2003?” No? Good, because 2004 is when the real magic happens. We plan to create a radio station, in conjunction with a music API and song database, that emulates what radio was like in the year *x*, where *x* is any year before 2016 and after 1960.

**The Problem:** Many humans on this earth are dissatisfied with their present state of living and enjoy reminiscing about their younger years, when everything was simpler, easier, happier, and better. We utilize social media for visual nostalgia triggers, and we’ve even set aside a day of the week for “throwbacks,” yet our sonic nostalgia lacks a customizable and centralized source wherein we can escape the hell of the present and keep on living in the past.

**The Solution:** A radio station that emulates what it was like to listen to FM in a given year.

**Requirements:**

- Must have an intuitive front end and a well documented back end. (i.e. it must use a database).
  - User inputs a year they’d like to listen to, as well as selects from different genre-boxes (Jazz, Metal, Rock, Country, Rap).
  - Our program will pull data from online databases (like Billboard Top 100) to select the songs. (we’ll probably use regexp to scrape the songs, or hopefully xml if available).
  - Keeps a database to hold email subscribers and their song preferences for “Song of the Day” emails based on each person’s individual preferences
- Must have a separate ADMIN interface
- Must use an API
  - We plan to use either YouTube or Spotify’s API for actually retrieving songs.
- Must use Javascript/JQuery/PHP/HTML/CSS, other frameworks and languages are not for this project.
- Must be hosted on cscilab
- Must be stored on GITHUB
- Everyone must code.
- All commits must be made by authors, no committing a teammates code as your own (AI violation)
- High level use case diagram.  Use google docs (drawing) or other tool (hand draw and scan)


Users
Enter year
listen to music
subscribe
design UI
create tables and write queries for DB
write web scraper
write code for music API interaction
Site Admins