

Concept

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What is the problems that the product solves?

Easy access to all live streamed radio stations across the world, for FREE!

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How does the product solve that problem?

Using our user friendly interface, combined with the Radio Browser API and search functions within the application, it will enable the user to select the country of choice followed by the radio station of the selected country.

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User story

As a user I want to select the radio station by country from the first drop down box.

From the country drop this will give me a list of available radio stations to choose from

When I select/click on the “Play” button the radio station will play. By clicking on the play button it will also trigger the second API to leave an inspirational quote as the background image.



Concept continued

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Audience (Target Market)

There are two main audiences that we would market to, they include:

- Someone that has migrated, or, are travelling in another country and would like to listen to a radio station easily from their chosen part of the world – i.e. not limited to the local radio stations. This could also be someone that wishes to learn a different language; they can tune in and test their current knowledge or listen and learn.
- Someone who would like to listen to a certain radio station and looking for a set genre. For example; if the user wanted to go to the gym they could select FreshFM to get the heart rate up, alternatively if the user is driving they may like something more suited.

Or a cheeky third...

- “ahem Ben!”... if I wanted to go Rock Climbing at my favorite outdoor space I can easily tune in to the station of my choice to get the job done!

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Process

1. Applied Technologies

- HTML, CSS, JavaScript, GitHub and 2x API's; World Radio Channels and Famous Motivational Quotes.

2. Challenges

2.1) Topic & API Selection Challenges we overcame:

- The teams most desired APIs to use/integrate were not free and required an authentication key.
- This required the team to pivot and change topic because of API is not free.

2.2) Technical Challenges that we had to overcome:

- Acquiring & storing the desired data from the APIs.
- Implementing & displaying acquired API data on the webpage.
- Local storage was not saving and showing in left menu.
- Committing, merging & managing multiple branches across the team to ensure GitHub was clean.

2.Challenges(Continue)

2.3) Location & Time Barrier:

- Multiple team members live in a different timezone, the team had to be mindful of time and outside commitments whilst keeping the project's overall momentum.

2.4) Workload Distribution:

- We had to be mindful of the Workload. With tasks allocated equally amongst the team to ensure everyone had equal contribution to the team work.

3. Successes

- We manage to display a motivational quote that refreshed every 30 seconds on webpage while the user is not engaged, or selecting/changing the radio channels.
- Finding the free public API for international radio channels.
- We manage to saved and shown local storage data on history tab.
- Met some awesome people and life long coding friends 😊
- Working dynamically as a team to push our branches/repos using Git.
- Consistently met our individually set goals and action plan.

BAND MEMBER



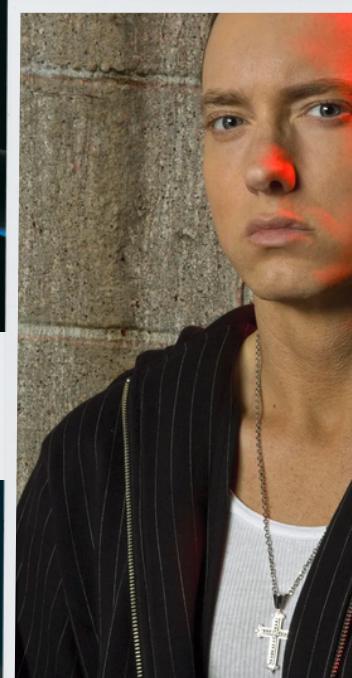
BENJANMIN
ARMSTRONG



MANOJ PRIYANKARA
ADIKARI



DARIEN HALLAM



NGUYEN TRUNG



PIPAT
SAMAPUAK

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3. MANOJ PRIYANKARA ADIKARI

- HTML, CSS, JAVASCRIPT
- TECHNICAL EXPERT
- HELD 4TH SCRUM MEETING

4. PIPAT SAMAPUAK

- JAVASCRIPT, API
- PRESENTATION SLIDE DECK
- HELD 3RD SCRUM MEETING



1. BENJAMIN ARMSTRONG

- LEAD THE TEAM
- HTML, CSS, JAVASCRIPT
- CREATED WIREFRAME & BRIEF DEVELOPMENT PLAN
- HELD 1ST SCRUM MEETING
-

2. DARIEN HALLAM

- JAVASCRIPT, LOCALSTORAGE
- HELD 2ND SCRUM MEETING



5. NGUYEN TRUNG

- JAVASCRIPT, API, MATHFUNCTION
- PRESENTATION SLIDE DECK
- HELD 4TH SCRUM MEETING

1 ST PUBLIC API

HTTPS://API.RADIO-BROWSER.INFO

The screenshot shows the alt/opt website interface. At the top, there's a navigation bar with a user icon, a search bar, and a 'MY CART' button. Below the navigation, there are tabs for 'KEYBOARDS', 'CAPS', and 'SWITCHES'. A sidebar on the left displays a snippet of HTML code. The main content area features a product card for the 'CLICKY-84 Mechanical Keyboard'. The card includes an image of the keyboard, the product name 'CLICKY-84 Mechanical Keyboard', a price of '\$195', and a 'NEW RELEASE' badge. It also mentions '75% layout (84-keys) white led backlit compact Bluetooth mechanical keyboard.' An 'ADD TO CART' button is at the bottom of the card.

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2ND PUBLIC API

[HTTPS://TYPE.FIT/API/QUOTES](https://type.fit/api/quotes)

“

Music is a means of giving
form to our inner feelings
without attaching them to
events or objects in the
world.

—
GEORGE SANTAYANA

[TYPE.FIT](https://type.fit)

LIVE
DEMO

REALLY
GREAT
SITE

Initiate **DEMO**

Special Perform by Darien @Zoom



•••



DEMO (TECHNICAL)

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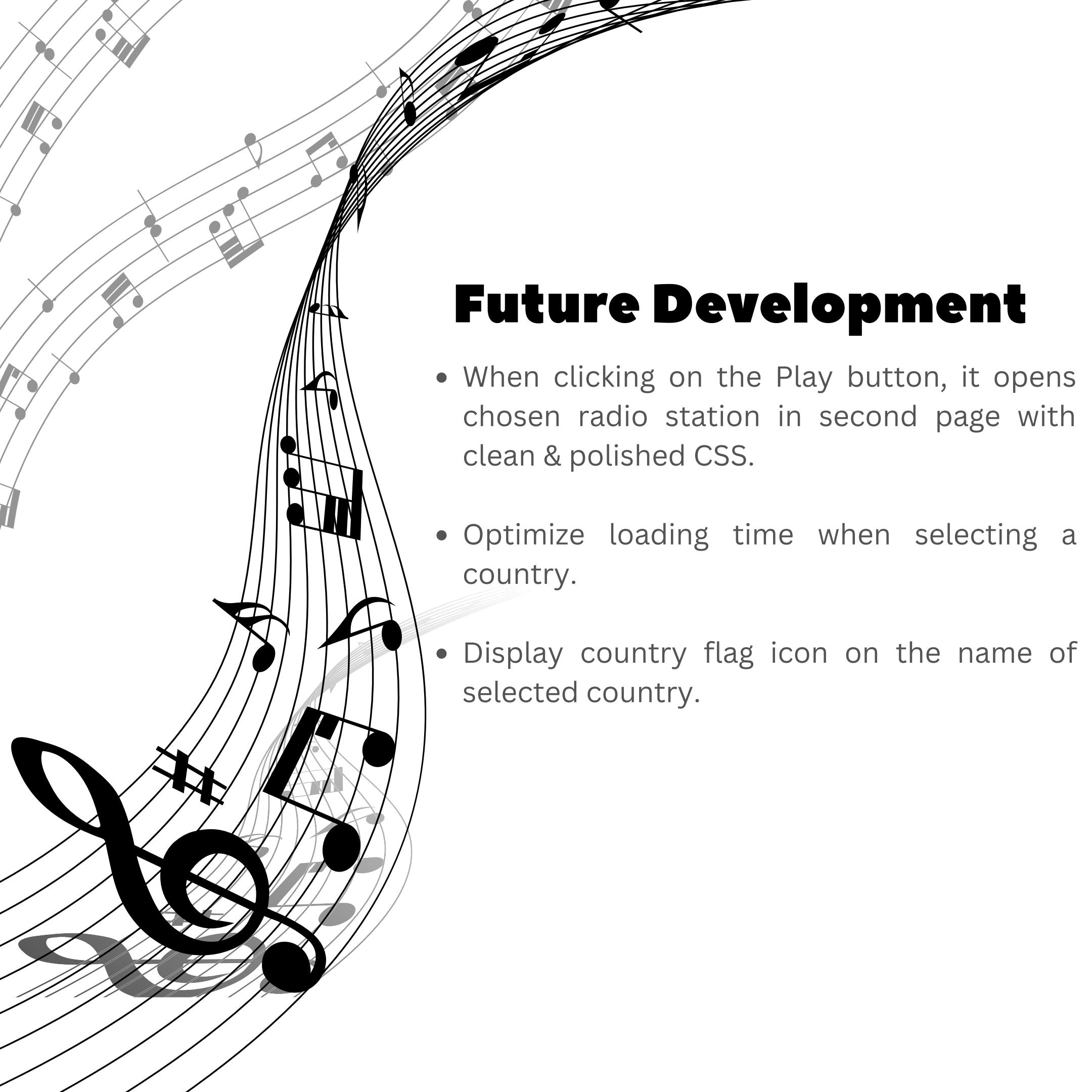


LIVE DEMO

LIVE DEMO

**PRESENTED
BY MANOJ**

LET'S GO FOR THE CODE!



Future Development

- When clicking on the Play button, it opens chosen radio station in second page with clean & polished CSS.
- Optimize loading time when selecting a country.
- Display country flag icon on the name of selected country.



GITHUB REPO

[HTTPS://GITHUB.COM/BENARMSTRONG81/WORLDY-MUSIC-AT-YOUR-FINGERTIPS](https://github.com/benarmstrong81/worldy-music-at-your-fingertips)



DEPLOYMENT

FEB 2023