
Song Bird: Team 10

— By Hope, Liz and Holly —

Meet the team:

Hope



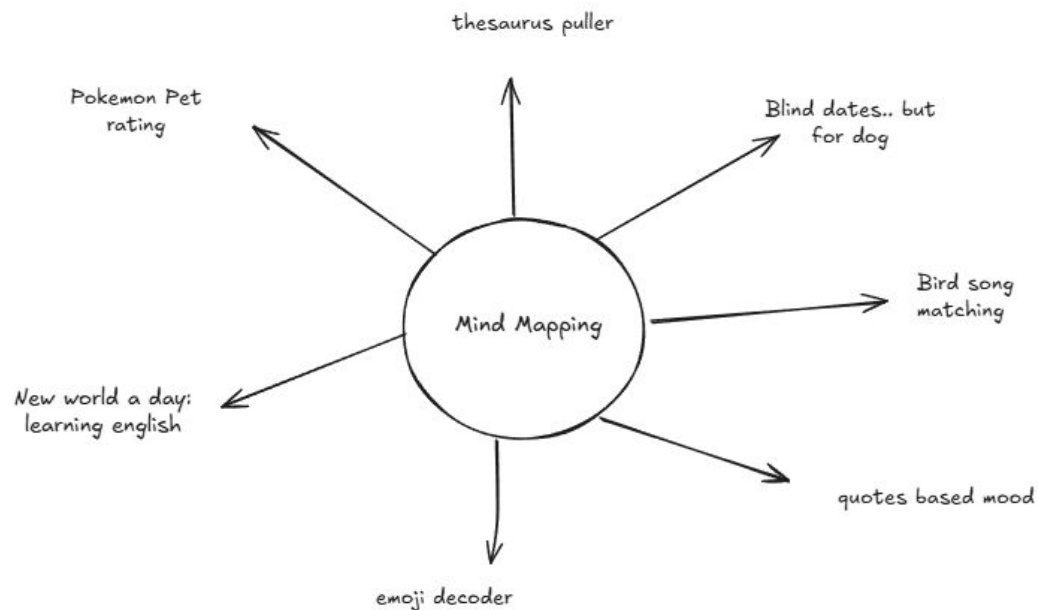
Liz



Holly



Disney Ideation Method: Dreamer



Disney Ideation Method: The Realist

- Initial idea was blind date... but for dogs.
- The dogs API didn't have the info we wanted to pull.

Our Bird Song:

- Had usable data, that had more information we could pull. i.e. song sounds and bird names.



Disney Ideation Method: The Critics



Reduce the scope

- We initially wanted matching three bird pictures to pull from the API
- Moving graphics



MVP:

- Create a game, user guesses which bird they are listening to.
- Use a API to randomly pull 3 bird names and 1 matching bird song audio
- Limited length of song to <10s
- Have basic added CSS

Our Bird Song MVP #1

Open

8 tasks

Hopehy12 opened this issue yesterday · 0 comments



Hopehy12 commented yesterday · edited

Member

Tasks

Beta Give feedback

Create the three basic file and connect them

Make sure we can get data back: get a fetch request to check data and have a look at the object to see what is in the object. Get through postman

Get API connected to our site

create a UI that can play a song

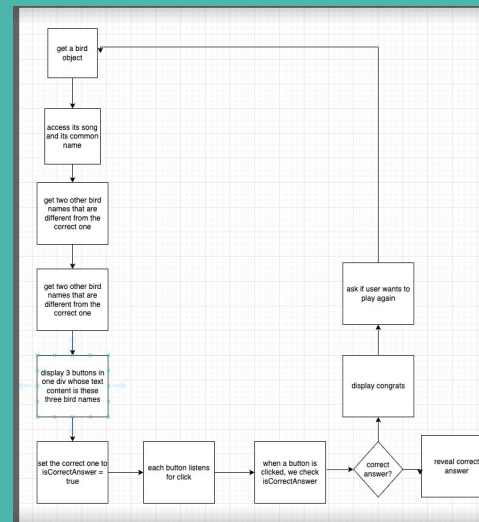
Connect song input to the html

Limit length of song

Create UI that has a species name

Random Index generator: list of breed name to compare to. We need to have a comparing keywords, that compares the song to the correct and incorrect breed.

+ Add item to Tasks



Empty Variables

Version 1.0.0:

Async function

```
let birdList = [];  
let birdSong = "";  
const birdButton = document.getElementById("newBirdSong");
```

```
async function fetchData() {  
  try {  
    const response = await fetch(`https://xeno-canto.org/api/2/recordings?query=q:">C"+cnt:"uk"+grp:"birds"+type:"song"+len:"<10"`);  
    if (!response.ok) {  
      throw new Error(`HTTP error! status: ${response.status}`);  
    }  
    const data = await response.json();  
    let rNd = Math.floor(Math.random()*40);  
    birdList.push([data.recordings[rNd].en,data.recordings[rNd]["file-name"]]);  
  
  } catch (error) {  
    console.error('Error fetching data:', error);  
  }  
};  
  
let bird = fetchData();
```

```
let rNd = Math.floor(Math.random()*40);
```

```
birdList.push([data.recordings[rNd].en,data.recordings[rNd]["file-name"]]);
```

Demo 1

Demo 2

What went well:

- Improved teamwork as time progressed
- Teaching each other
- Learnt to overcome problems

Mistakes and Improvements:

- Spent a bit too long in “dreamer” mode
- Rabbit holes! All of us want to learn and have a tendency to get distracted by interesting questions
- Got a bit fixated on the API aspect and hours stuck on an async problem
- Not utilizing Github properly.
- Tried to do too many complex things before piecing them together.

Work outwards from API data

YAGNI! What's the plan!

Redirect. Divide with intention

Practise github skills

Agile! Smaller MVPs

Thank you for listening!
Any questions?