HARRY:
Welcome to Pumping Party Planner!!

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NEXT SLIDE = Elevator Pitch -by Harry

Pumping Party Planner

HARRY - 1 minute!

Have you ever planned a party but found it time consuming and expensive to organise?

The Pumping Party Planner web app allows you to quickly compile your list of music by searching based on genre and artist. This can save heaps of time when you are time poor but want an epic party where music matters.

What about those costly cocktails? How much expense could you avoid if you could create impressive cocktails from the contents of your drinks cabinet??

Pumping Party Planner allows you search for cocktails based on ingredients so you can choose ones that work with the ingredients you already have. Or if you have a particular cocktail in mind but are unsure of the ingredients you can search based on name to create really authentic cocktails for your party.

When you are happy with your chosen music and cocktails you can save your lists and get on with planning the rest of your event.

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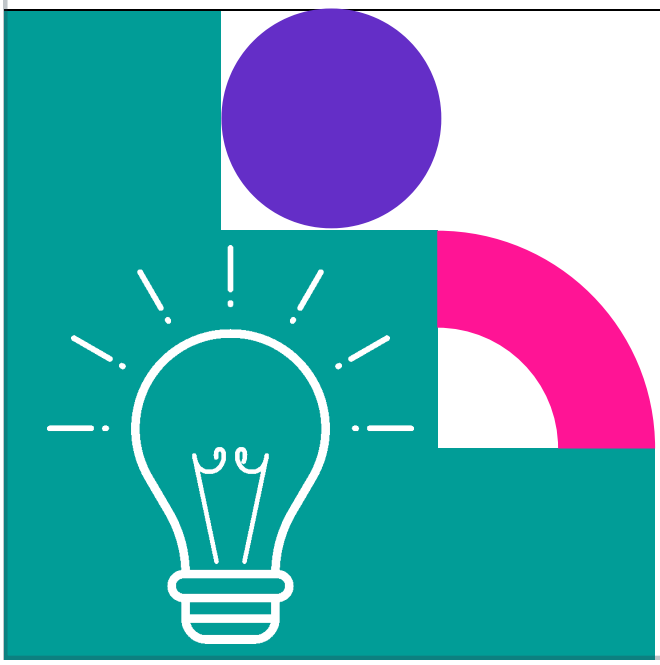
NEXT SLIDE = Our Concept by Helen

Pumping Party Planner



Our Concept

HELEN:

Our concept is called Pumping Party Planner.

It is a web application which allows users to search for music or cocktail to save for their party plan s.

Users are able to search for cocktails by either cocktail name, or ingredients.

When searching for music, users are able to filter results by either genre or artists name.

Once a user has selected their search criteria, they will be presented with the relevant results.

Each cocktail result includes the cocktail name, ingredients and an image of the cocktail.

If the user searches for Music, they will be provided with a list of albums.

Users can select their preferred music and cocktails choices to save for their personal party plan.

Pumping Party Planner is a fantastic tool for planning any memorable party.

Motivation for Development:

Why Pumping Party Planner?
Well, we wanted to develop a web application that would provide real value to users and fun to de velop.

As a team we wanted to create an application that would challenge us but create something that we could relate to and see ourselves using in our own lives.

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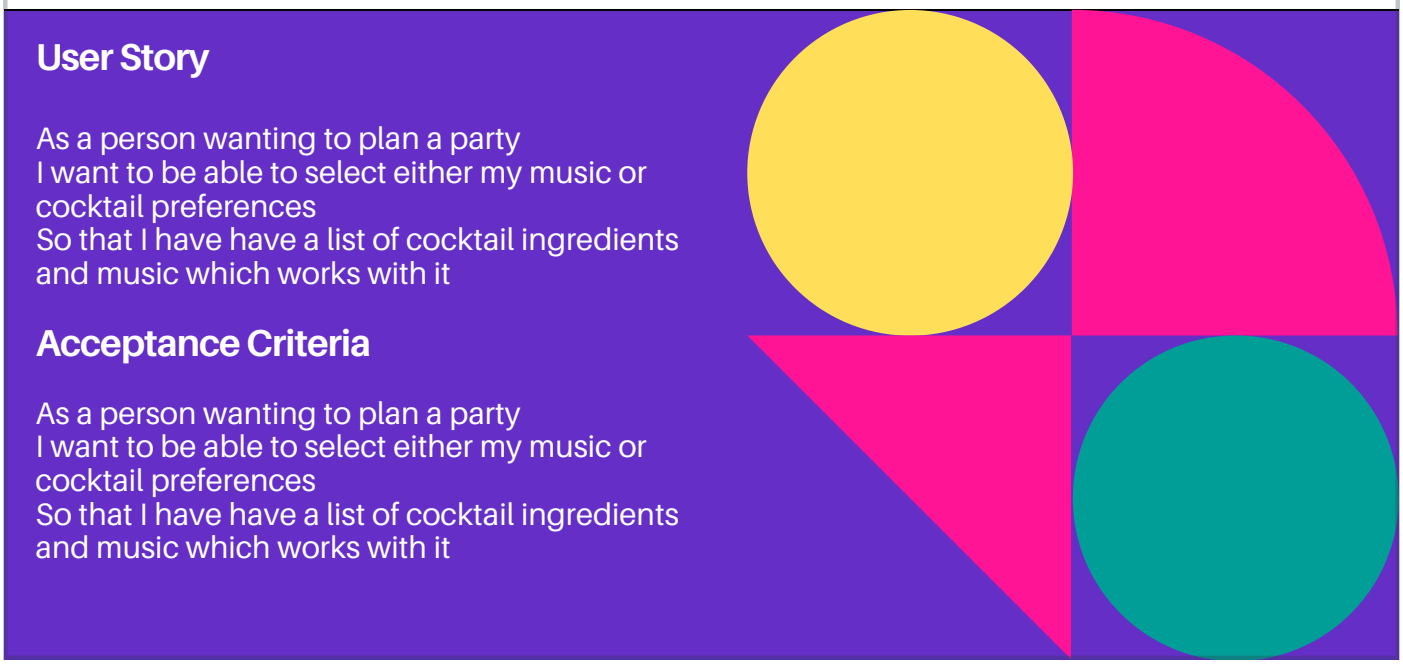
NEXT SLIDE = User Story/Acceptance Criteria by Caoimhe

Pumping Party Planner



CAOIMHE:
Our User Story for this project was:

As a person wanting to plan a party
I want to be able to select either my music or cocktail preferences
So that I have have a list of cocktail ingredients and music which works with it

From this we created our Acceptance Criteria:

As a person wanting to plan a party
I want to be able to select either my music or cocktail preferences
So that I have have a list of cocktail ingredients and music which works with it

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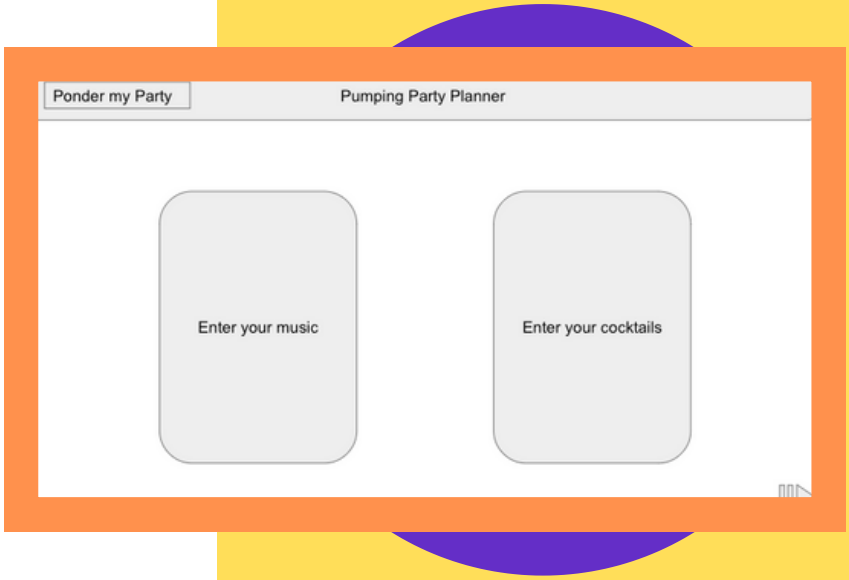
NEXT SLIDE = Wire Frame by Caoimhe

Pumping Party Planner

Wire Frame



Having decided on the user story desired outcome for our project, we worked as a team to create our wireframe.

Using Google Slides, this wireframe came together relatively quickly. As we were designing the wireframe, it became clear to use that there was a really easy way of splitting up the work within the team.

The first slide shows the Pumping Party Planner Landing Page.
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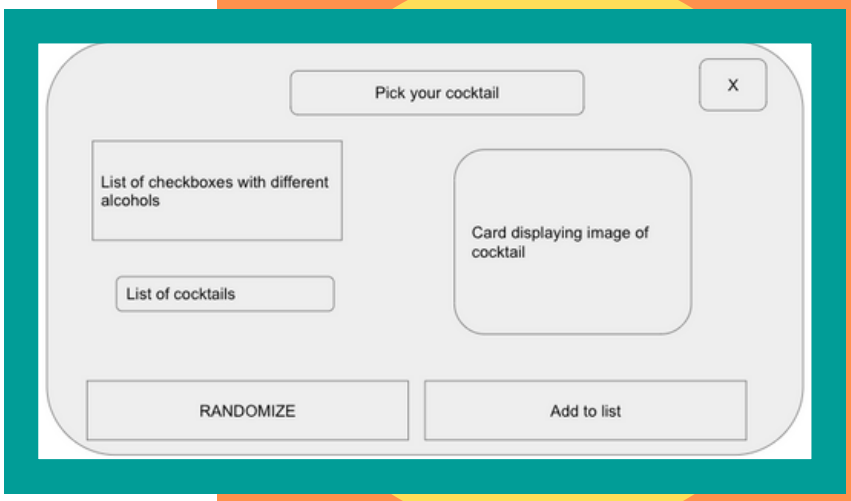
NEXT SLIDE = Wire Frame 2 by Caoimhe

Pumping Party Planner

Wire Frame



The second slide shows the Cocktail Modal.

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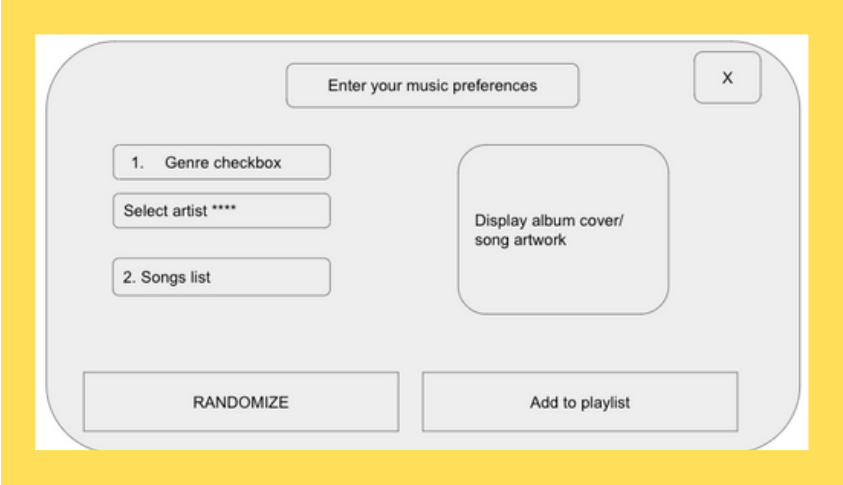
NEXT SLIDE = Wire Frame 3 by Caoimhe

Pumping Party Planner

Wire Frame



Next we have the Music Modal

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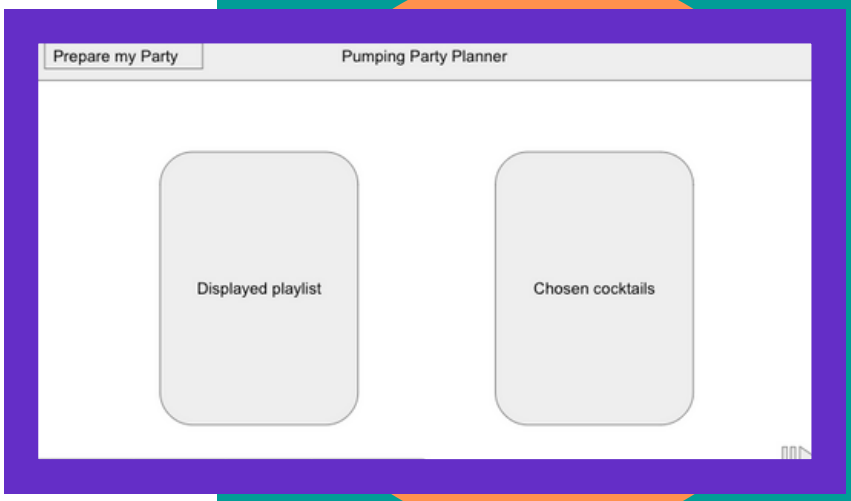
NEXT SLIDE = Wire Frame 4 by Caoimhe

Pumping Party Planner

Wire Frame



Finally we have our Planned Party Planner Landing Page. This is where users can review their chosen cocktails and music.

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NEXT SLIDE = Our Process by Harry

Pumping Party Planner

Task Breakdown and a Cohesive Project

HARRY:

With the wire frame completed, it was clear that we would need two HTML pages, two modals and a fair amount of CSS!

We decided that due to the relatively similar design within both HTML pages, we would allocate the creation of these to one person along with the CSS. The other to members of the team would work on a modal which would predominately use JavaScript.

With each team member deciding on wanting to focus their skill development within certain areas of the build, we were able to divvy up the work appropriately. Each team member will give you a tour of their respective elements during our demo.

We started each session with virtual stand up meetings.

These sessions included time for us to bring to the table what we had created, make sure we were all on the same pag, discuss anything we were struggling with and the next steps within our elements.

This allowed the project to grow naturally and cohesively.

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NEXT SLIDE = Technologies Used by Harry

Pumping Party Planner

HARRY:
Technologies used:

Throughout our process, we have used a range of different technologies.

The first was the use of HTML to create the base frames for all other elements within the web app.

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NEXT SLIDE = CSS by Harry

Pumping Party Planner

Technologies Used - Styling

HARRY:
Technologies used:

When looking at how we wanted to style our site, we decided to us Tailwinds as our CSS library.

Tailwinds is a utility first framework rather than being components based. This requires an understanding of CSS but allows you to quickly style components.

We also used Font Awesome. This font and icon library is based in CSS.

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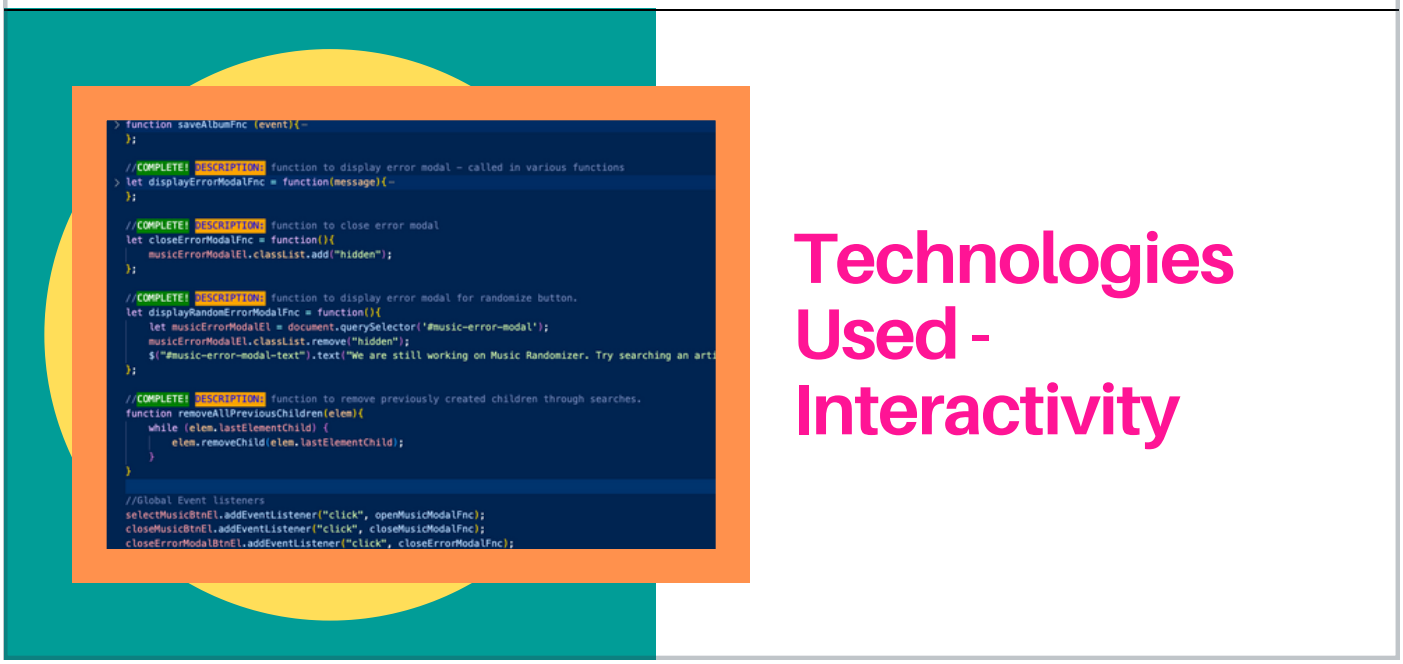
NEXT SLIDE = JavaScript by Harry

Pumping Party Planner



Technologies Used - Interactivity

HARRY:
Technologies used:

Our web app uses JavaScript and JQuery for all of our interactive elements.

Within our code, we create HTML elements, add CSS styling, work with the browsers local storage as well as work with APIs.

We worked with two APIs to allow the user to search for either cocktails or music for their party.

The Music API we had originally planned to use Deezer. Due to API authorisation process being limited without a server [?], we moved to the MusicBrainz API. This gave us more functionality without requiring a API key.

The Cocktail API used was the CocktailDB API.

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NEXT SLIDE = Demonstration by Harry to start

Pumping Party Planner

Recorded Demo
30s = harry - landing page
3 min = helen - cocktail modal]
3 min = caoimhe music - modal
30 = harry - planned party

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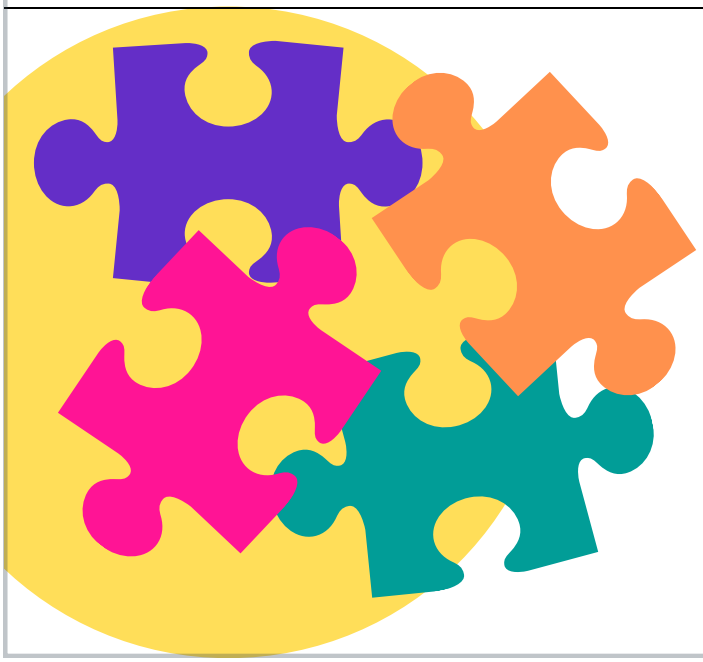
NEXT SLIDE = Challenges and Successes by Helen to start

Pumping Party Planner



Challenges

This project has provided us with a fair share of highs and lows!

Helen:
1. CocktailDB API was easy to use but not all data returned from endpoints had the same format. Some contained more JSON than others which necessitated another API call to another endpoint to get the missing data.

2. Learning the basics of Tailwind

3. When we first used GitHub we had some major issues with merge clashes. This gave us a sharp learning curve for decoding merge errors. As a team we were able to work through the clashes and find out how to continue.
After this incident, adding in time for pushing to main, reviewing code and ensuring no merge clashes were present, was added to the virtual stand ups. This made all the difference and we never had the same issue again.

4. Designing a user friendly intuitive application

Caoimhe:
My biggest challenge within this project has been working with APIs.
Our first music API, Deezer, initially seemed like a great fit for our project.
When i then dug deeper into the documentation, I was finding the access to the API increasingly confusing to work out.

I persisted and was able to get a base API URL to get the ball rolling. Unfortunately this caused a CORS error.
With this, we realised the issue that we were facing was that we were creating a browser based application and Deezer was more suitable for server side applications.
This meant researching a secondary API. Eventually this lead me to MusicBrainz.
This was a much better start and I was able to get a response from the API straight away. It seemed like we were in business.
Then I hit the limitations of what we were able to source from the API, for free.
For our submission, the code includes triggers for our error modal, in replacement for the additional API calls.

HARRY TO ADD NOTES??
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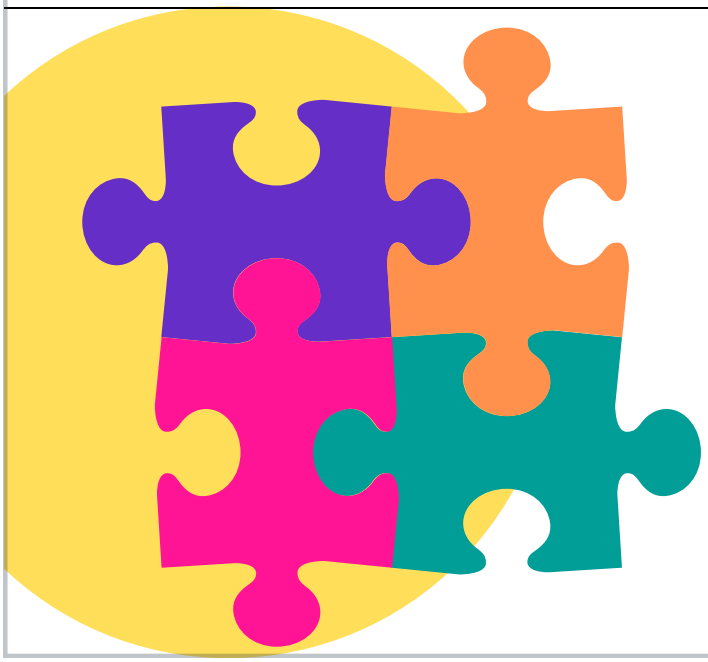
NEXT SLIDE = Successes by Helen to start

Pumping Party Planner



Successes

This project has provided us with a fair share of highs and lows!

Helen:
1.Created a user friendly web application that uses two APIs looks good and meets the brief.

2.Learned the basics of Tailwind

3.Experienced using GitHib as a team and overcame a few merging issues

Caoimhe:
1. I am proud of our success as a team to create what we have, with the range of challenges that we have faced.

2.

HARRY TO ADD NOTES
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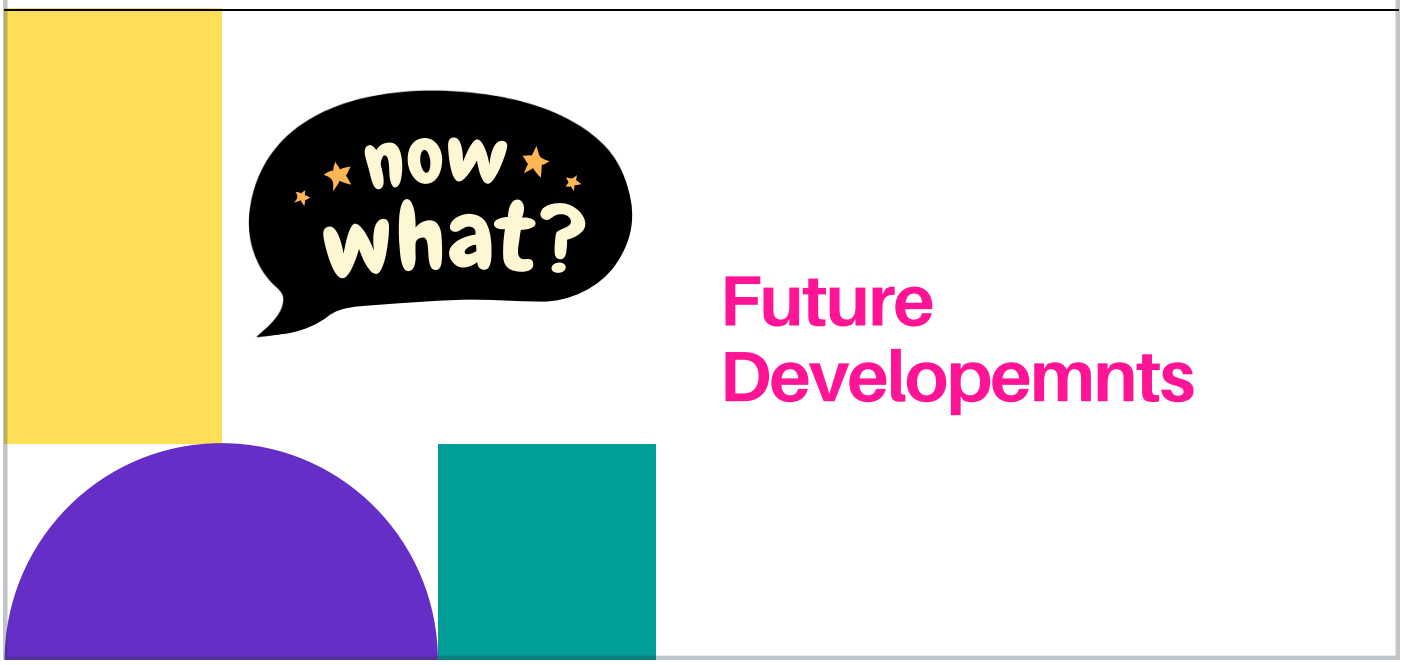
NEXT SLIDE = Future Developments by Harry

Pumping Party Planner



HARRY:
How do we want to develop Pumping Party Planner?

1. We would like to develop this into a server side web app. By doing this, we will open the doors to multiple different developments.
A) Using a server allows us to work with a more advanced music API. This will allow us get a greater range of resources for our users to make their choices from.
B) Having a server allows us to create the ability for users to create a user so that they can save parties for the future. It also allows us to look at the possibility of users sharing parties. This would mean multiple users could contribute to one party, making it easier for our users to plan their Pumping Party!

2. We would love to add the ability for users to be able to play their personally curated party playlists directly from our web app.

3. The cocktail API offers a paid endpoint where you can search for cocktails with multiple ingredients. We would like to develop our own version of this using the single ingredient API and ja vascript.
The free API also offers other endpoints we would like to incorporate into the web site such as search for non alcoholic cocktails, search by glass type (champagne flute, cocktail glass etc)

4.Minor style/layout improvements to the listing of data, specially where images/ingredients are dis played.

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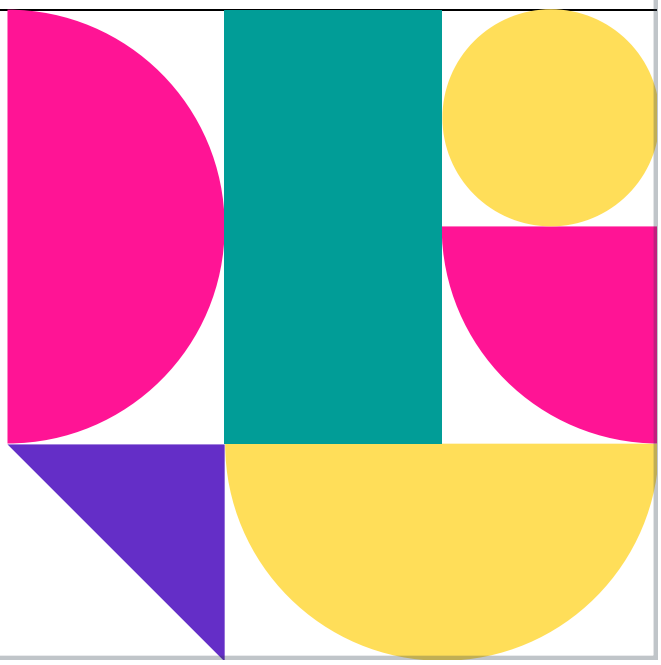
NEXT SLIDE = Question - final slide by Harry

Pumping Party Planner

Questions?
Reactions?

Ask away - we are here to answer your questions!



HARRY: Does any one have any questions regarding The Pumping Party Planner?

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END OF PRESENTATION