Work Share Presentation: Party Music App

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Background

- Semester long project in Human Computer Interaction (INFO 3450) in Spring 2022
- We were assigned a group of 4 students with the topic - music/dance.
  - Commonality between us: Music bringing people together
- **Design Idea**: Guests and hosts can collaborate to create the ideal party environment

User Interviews - Organized Findings on Miro

- Conducted 4 preliminary interviews of hosts
- Used Miro to organize our thoughts & examine user's motives
  - This is our second iteration organization
- Helped us narrow our goals

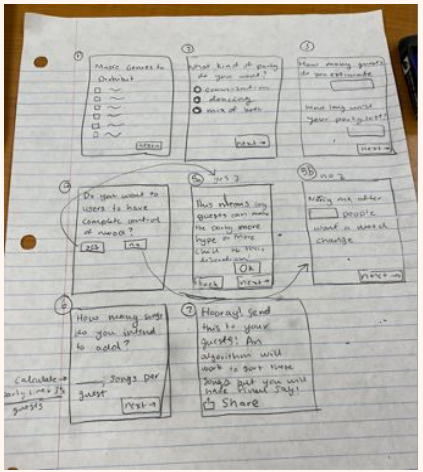
Problem

Hosts want to play music that they enjoy and that their guests enjoy with still retaining control of the music and vibe of the party.

Guests feel like their music needs are unheard but that guests are not as good at understanding the vibe as they believe.

Exploration Sketches

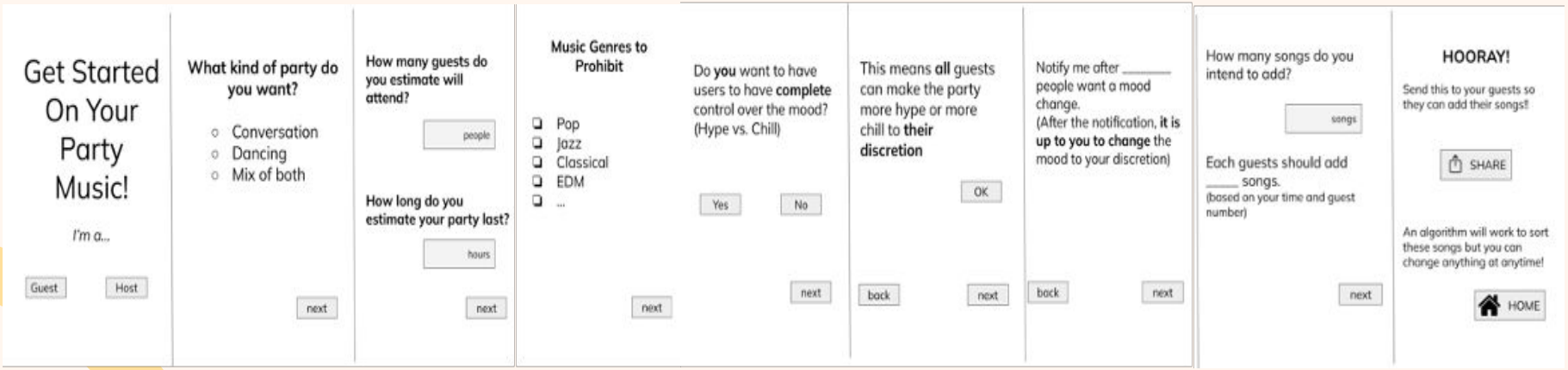
Storyboarding



Sketching

Low Fidelity Sketches -- Using Powerpoint

Host Interface



Type of party

Attendees & Time

Music genre(s)

Control as Host

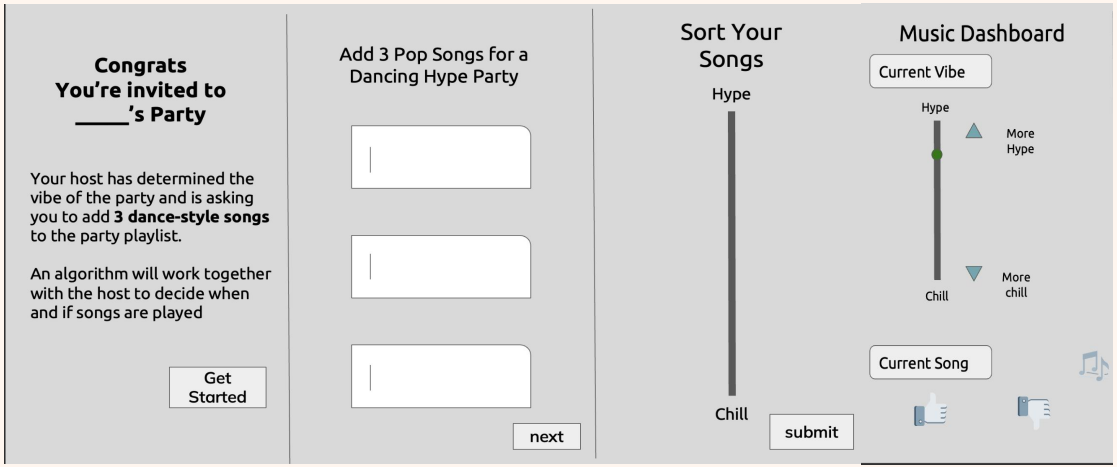
Song Amount

Hosts inputs party information for the algorithm to determine music order

Guests input songs before party. During party they rate the songs

Low Fidelity Sketches -- Using Powerpoint

Guest Interface

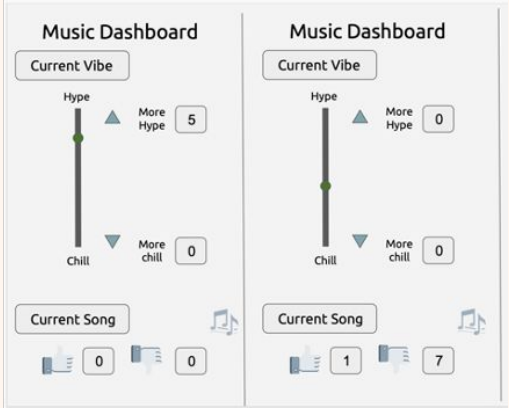


Adding Songs | Sorting Songs | During Party

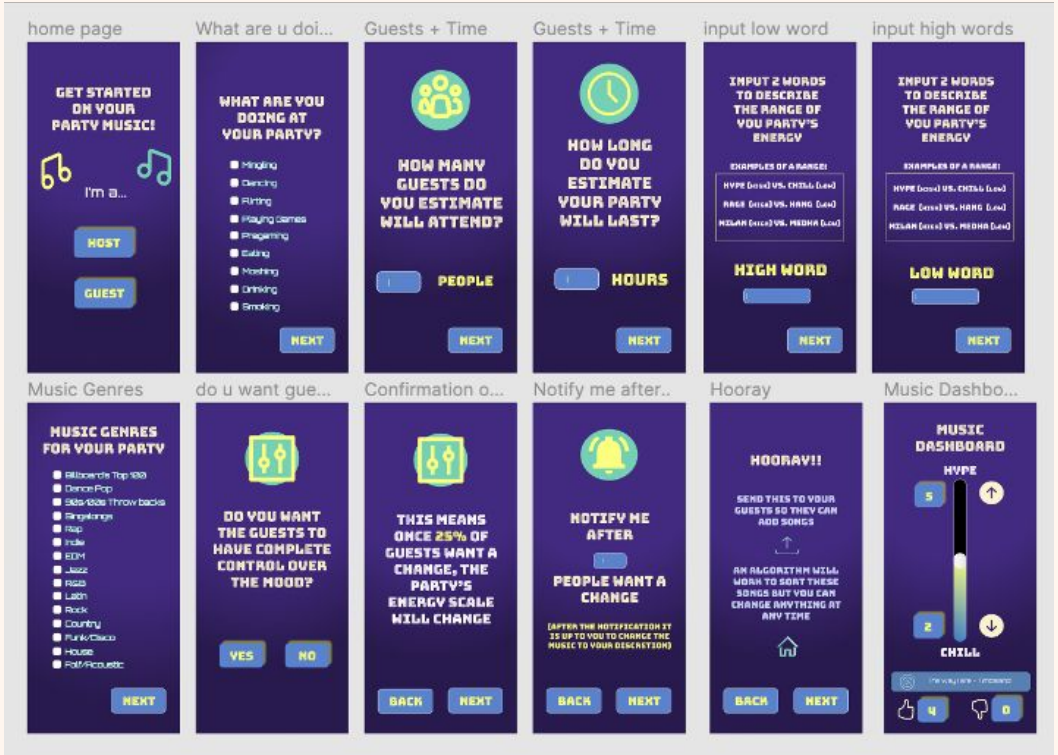
- Guests can add sort songs
- During the party, guests could 'vote' if they wanted music to be more hype or more chill -> model will change accordingly

Stratified Testing of Paper Sketches

- 2 main user groups: party hosts & guests
- Findings
  - Guests did not understand the difference between “hype” and “chill” and genre classifications
  - Hosts were concerned the app would be a distraction during party
- Results
  - Allow host to decide their own classifications
  - Different Interfaces: party active & inactive (prior to party)
  - Use Volume buttons to reduce visual load



Figma Prototype



With more time & resources..

- If this product was deployed we would examine metrics including..
  - Survival rate of app download
  - Amount of users - stratified between hosts and guests
- Test the algorithm

THANK YOU

Learn More About Me

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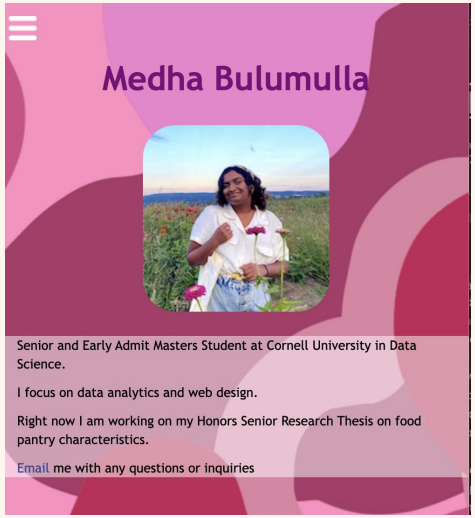

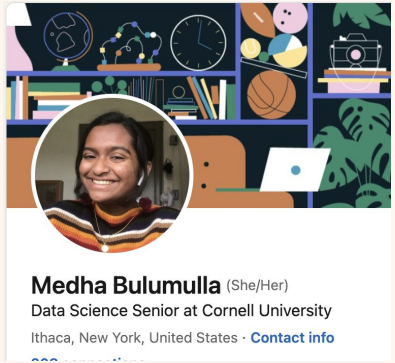

Other Projects

- Research Group(s)
- Small Business Website
- Olympic Gold Medal Visualization
- Sleep Visualizations
- Pittsburgh Restaurants