

Homework 10 - Prototypes

Ideas:

1. Domain: TV Shows (Game of Thrones)

Idea: Predict survival of Game of Thrones characters for episode, season, series

1. Person: Game of Thrones fan wanting to play predicting game on character outcomes
2. Media: Images, Videos
3. Interaction: click and search
4. Goal: Become expert in predicting Game of Thrones
5. Visible: Take a quiz

2. Domain: Mastering guitar songs

Idea: Help guitar learners practice songs more easily by letting them create markers/loops that replay specific sections of a video/song.

1. Person: Guitar Enthusiast
2. Media: video, audio, sheet music
3. Interaction: Play and pause video
4. Goal: Master difficult parts of the song
5. Visible: Removal of markers/ Recording of own version

Personas:

Game of Thrones Predict

Who:

- First Name: Greg
- Age: 18
- Location: New York
- Occupation: Student
- Relation: Game of Thrones Fan

High-Level Goal:

- Predict Game of Thrones Outcomes

Subgoals:

1. Learn and read about characters
2. Predict the survival of characters in episode, season, series
3. Score points based on accurate predictions
4. Compare with other people on leaderboard

Master difficult parts of guitar songs

Who:

- First Name: Greg
- Age: 30
- Location: New York
- Occupation: Engineer
- Relation: Beginner guitar learner

High-Level Goal:

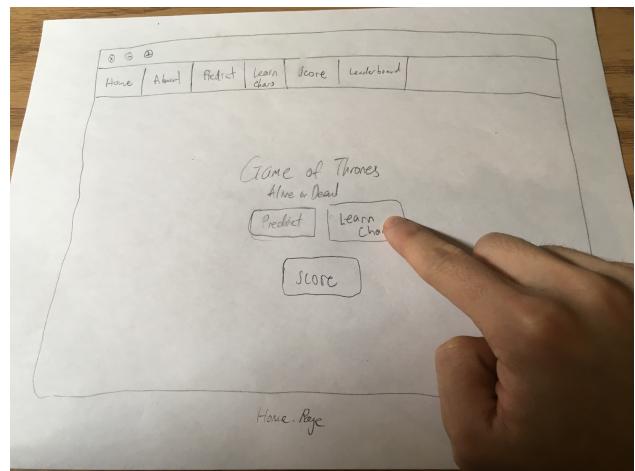
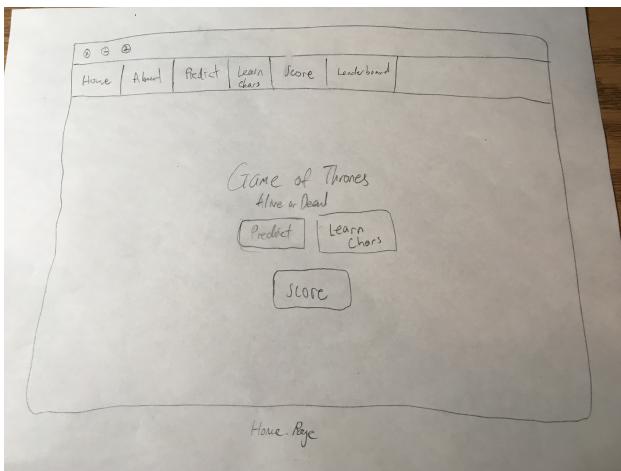
- Master guitar songs

Subgoals:

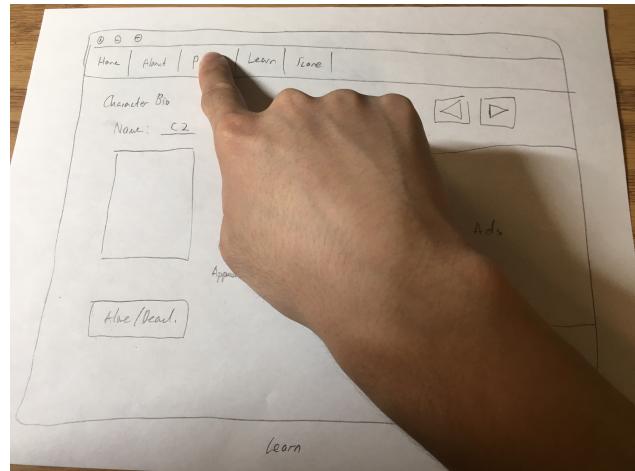
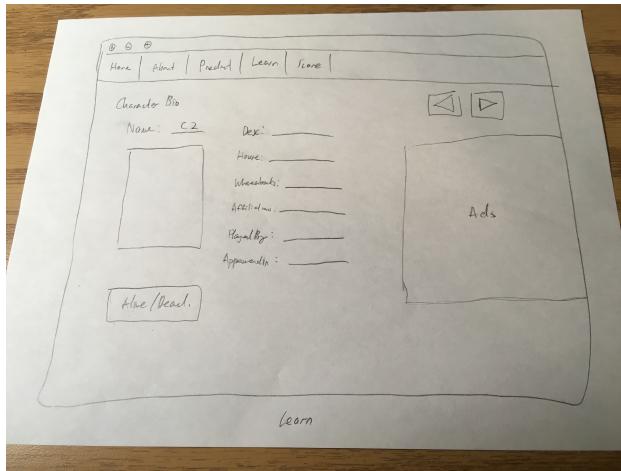
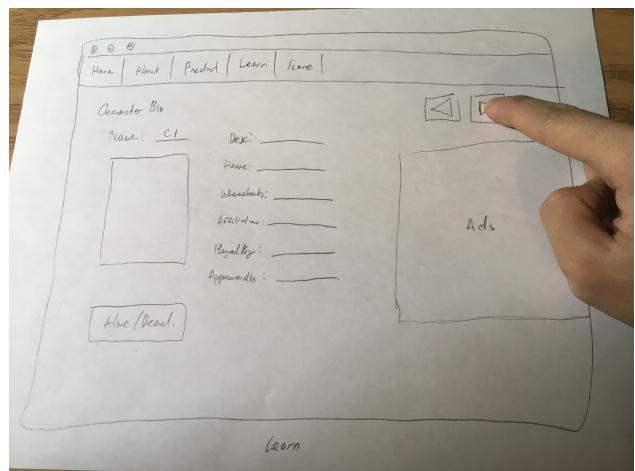
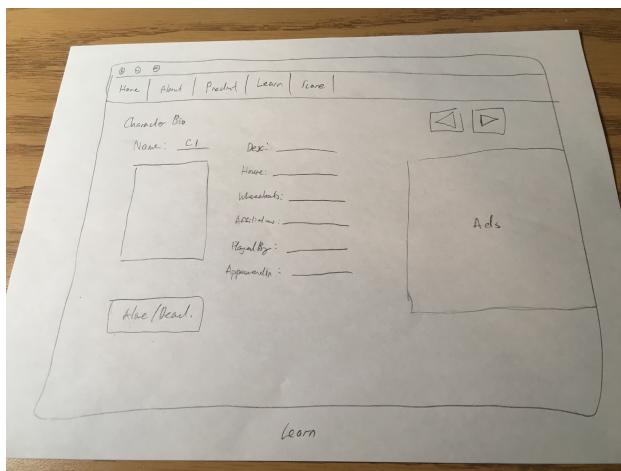
1. Search or add songs to database
2. Favorite songs to make your own collection
3. Practice songs and create markers to replay difficult parts
4. Master song by saving recording, and removing all markers
5. Track progress by seeing how many hours spent learning

Paper Prototypes: Game of Thrones Prediction:

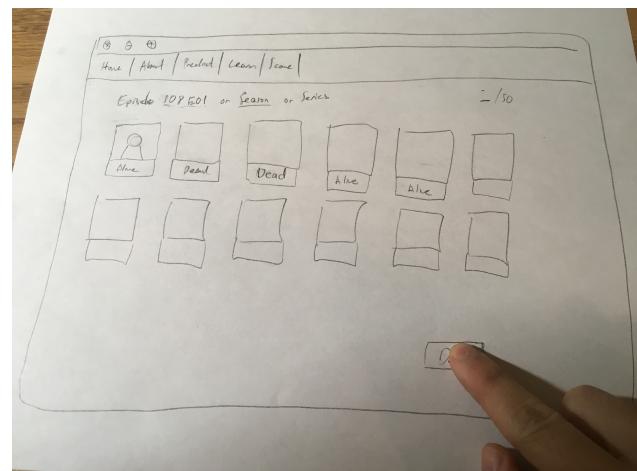
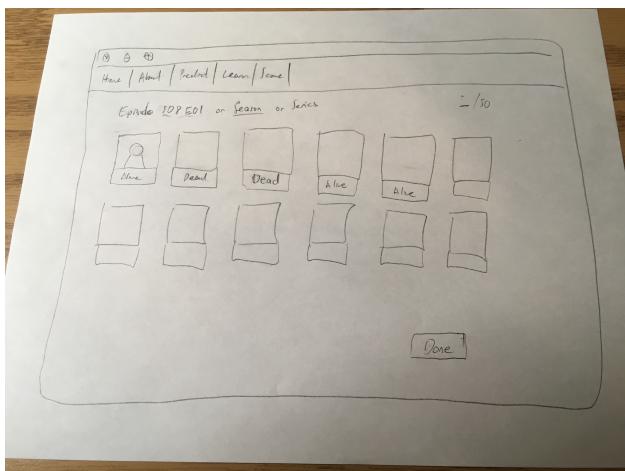
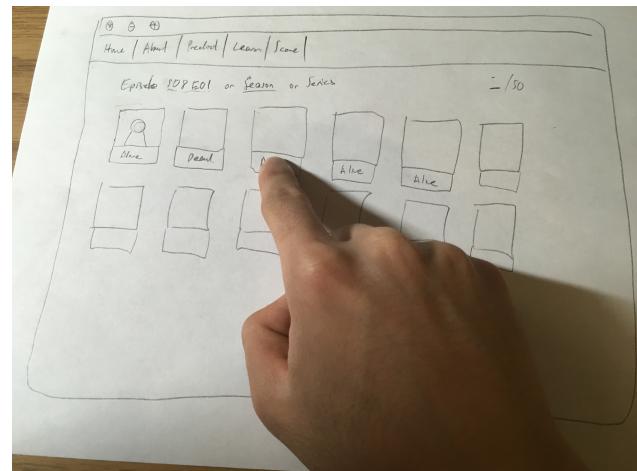
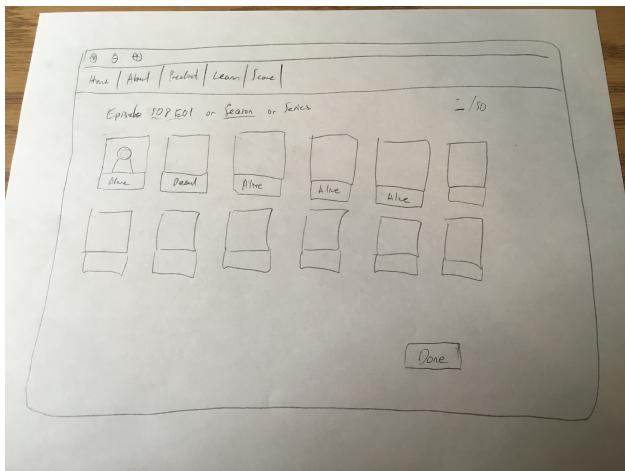
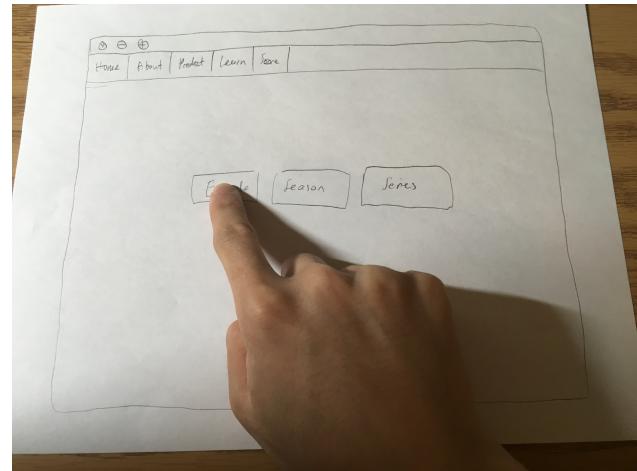
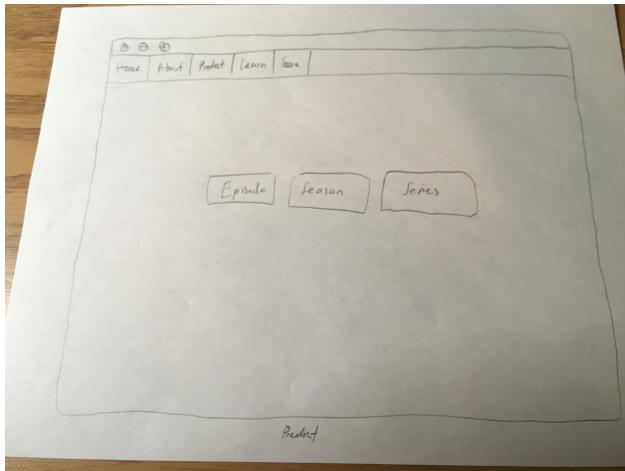
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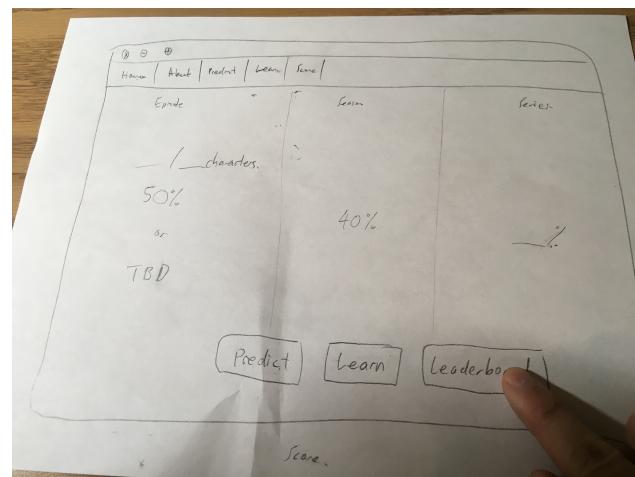
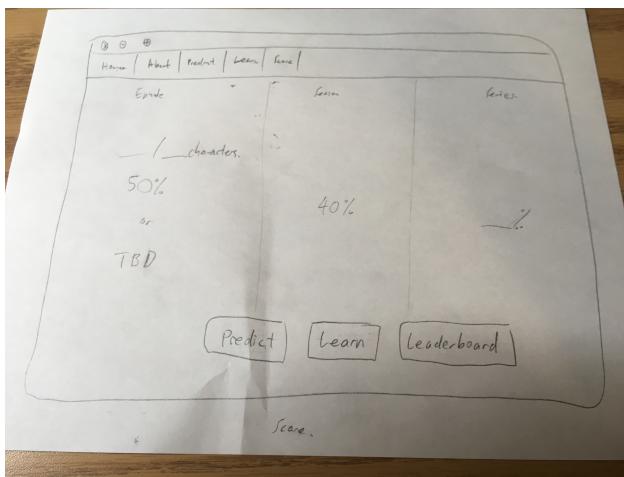
1. Learn and read about characters



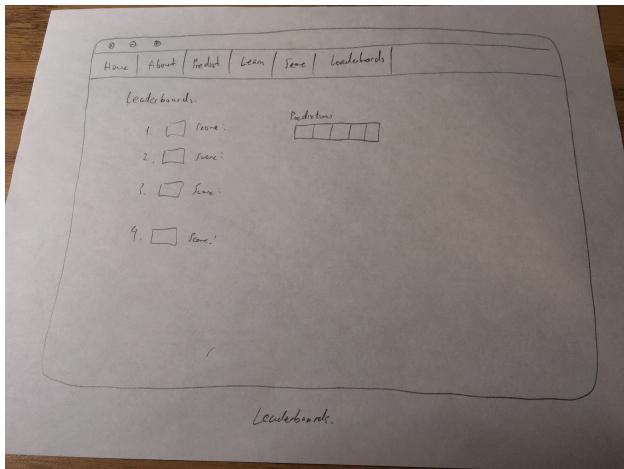
2. Predict the survival of characters in episode, season, series



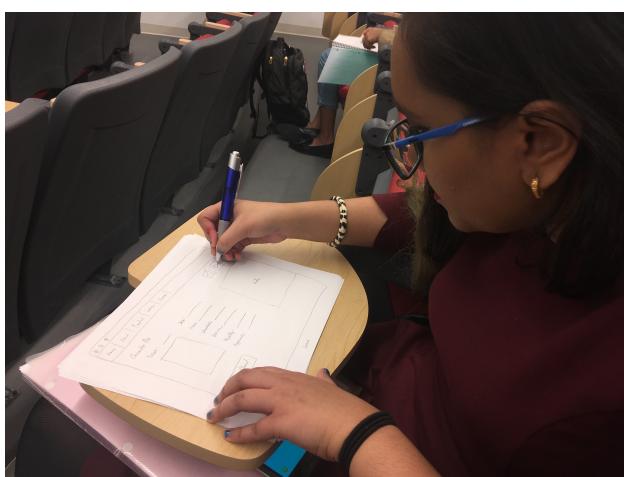
3. Score points based on accurate predictions



4. Compare with other people on leaderboard

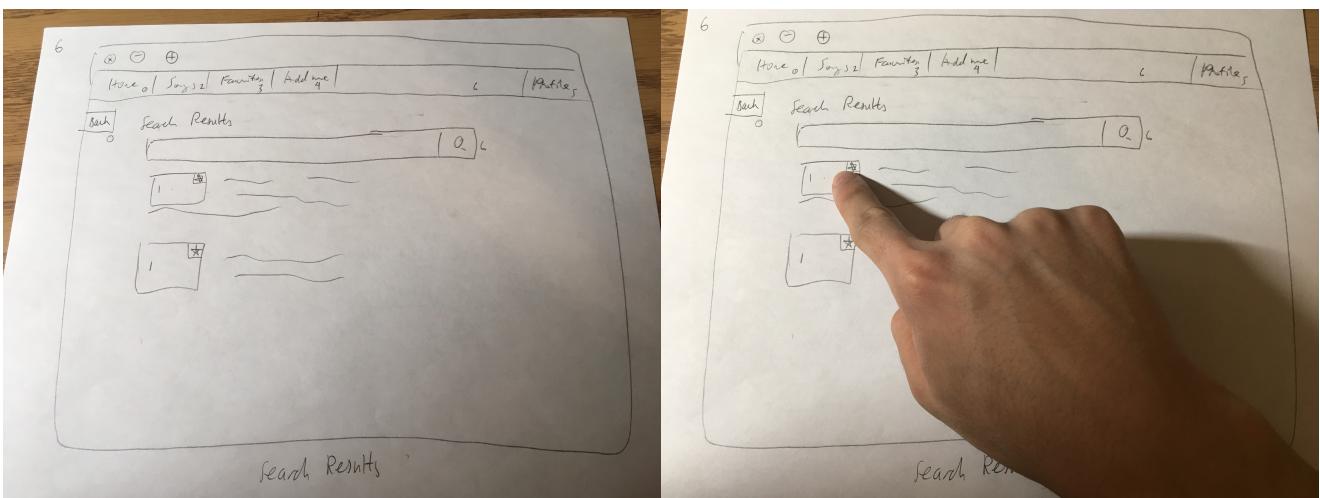
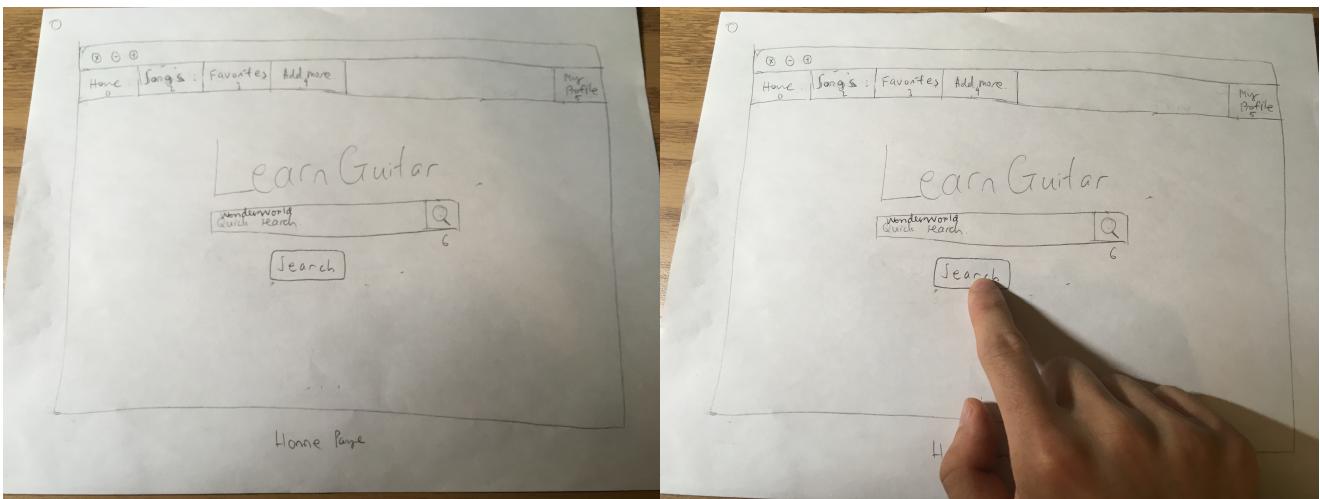


Prototype on one person:

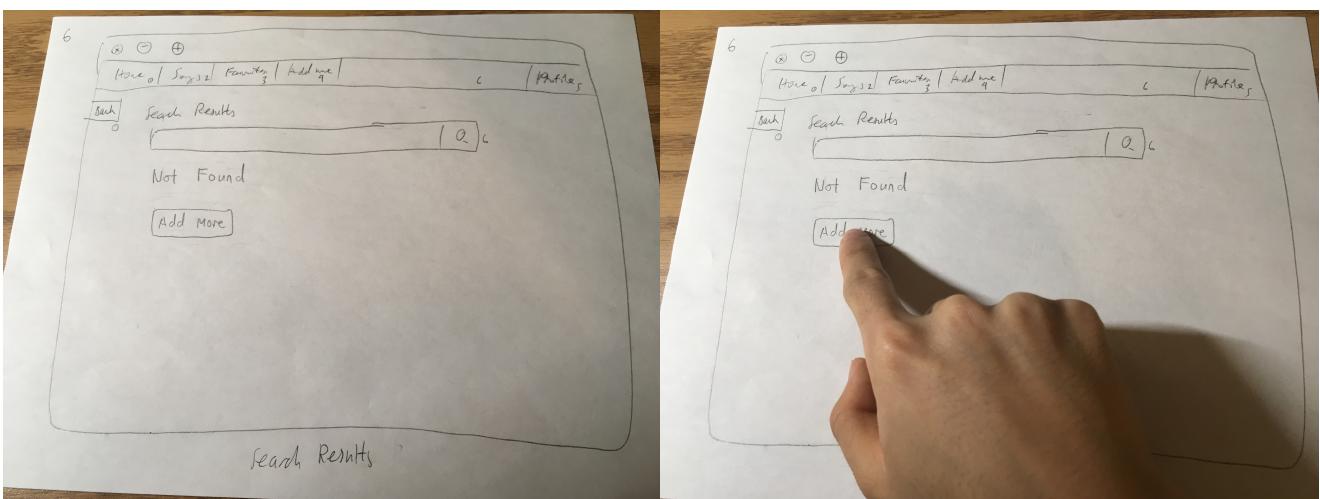


Master difficult parts of guitar songs

1. Search or add songs to database



If song already exists in database, go to step 3, else if not found, add song



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Name: <input type="text"/> Untitled 1	Tuning: <input type="text"/> EADGBE				
Artist: <input type="text"/> Artist 1		Favorite: <input type="checkbox"/> Yes/No			
Original: <input type="text"/> Original 1					
Video URL: <input type="text"/> or	Upload: <input type="text"/> <small>URL, MP3/PDF</small>				
Upload: <input type="text"/> (optional) or Drag	Upload: <input type="text"/> (optional) or Drag				
Diffficulty: <input type="text"/> ⚫ ⚫ ⚫					
<input type="button" value="SAVE/ADD"/>					
Add More					

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Artist: <input type="text"/> Artist 1		Favorite: <input type="checkbox"/> Yes/No			
Original: <input type="text"/> Original 1					
Video URL: <input type="text"/> or	Upload: <input type="text"/> <small>URL, MP3/PDF</small>				
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2. Favorite songs to make your own collection

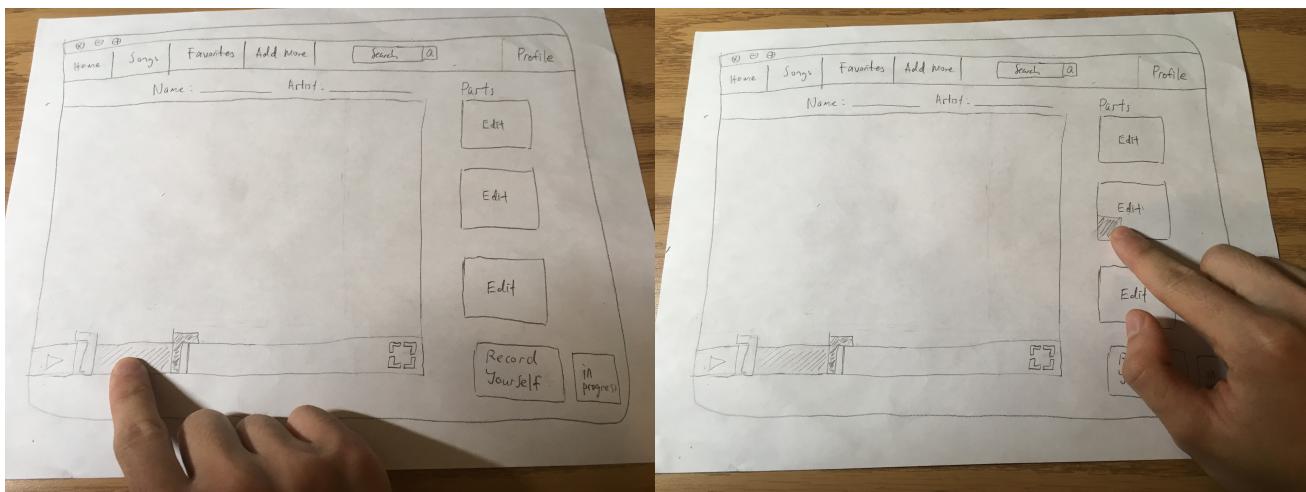
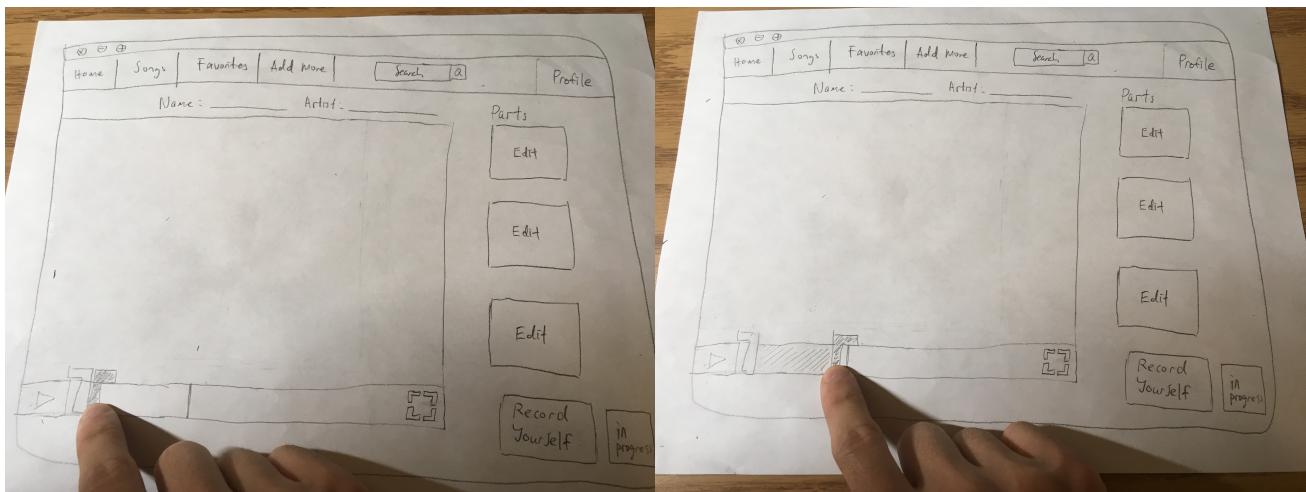
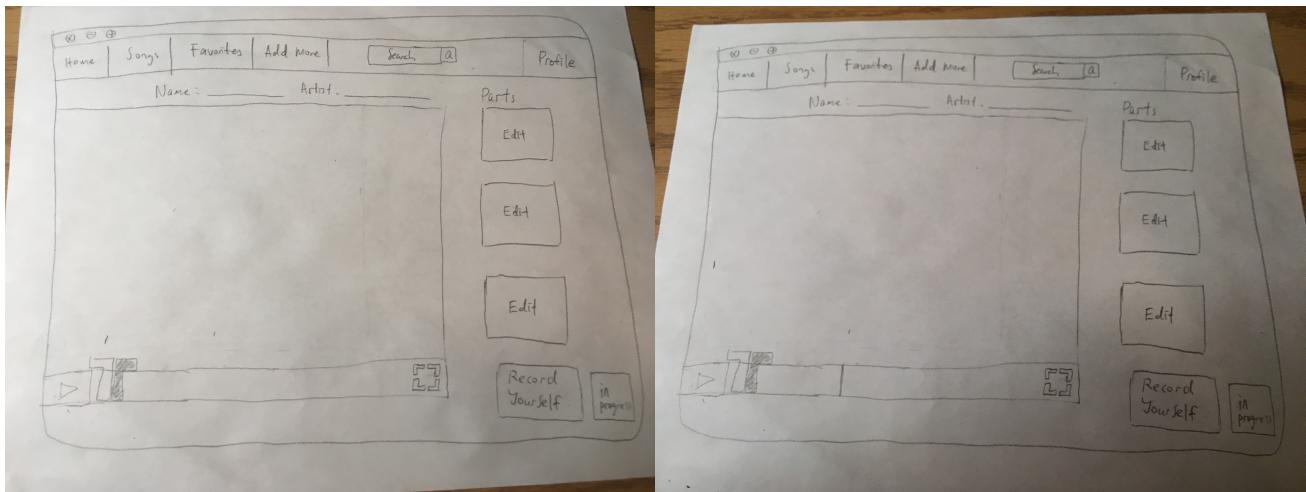
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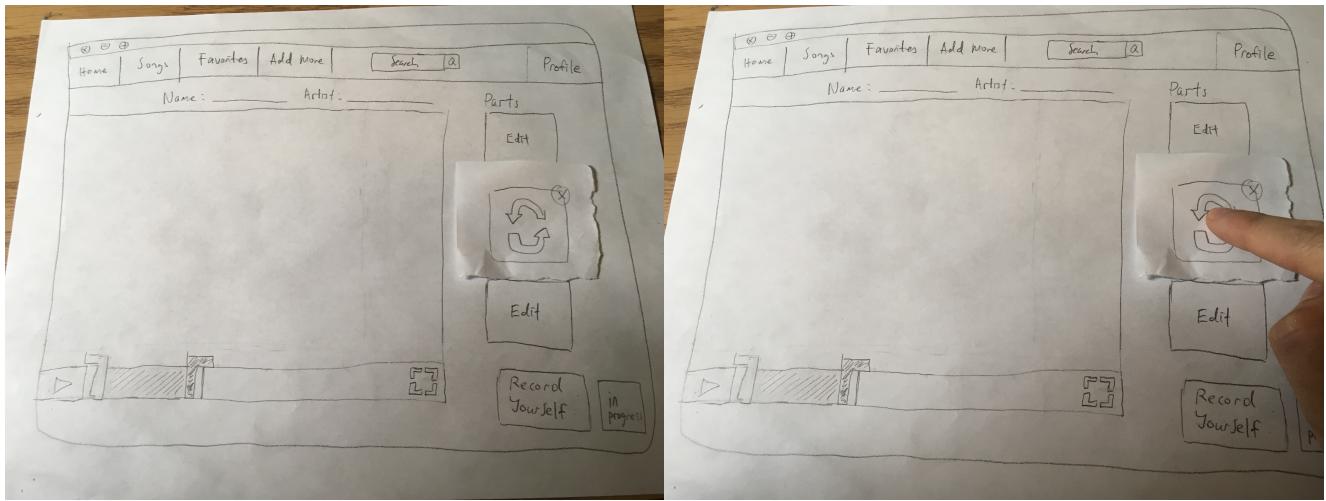
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3. Practice songs and create markers to replay difficult parts

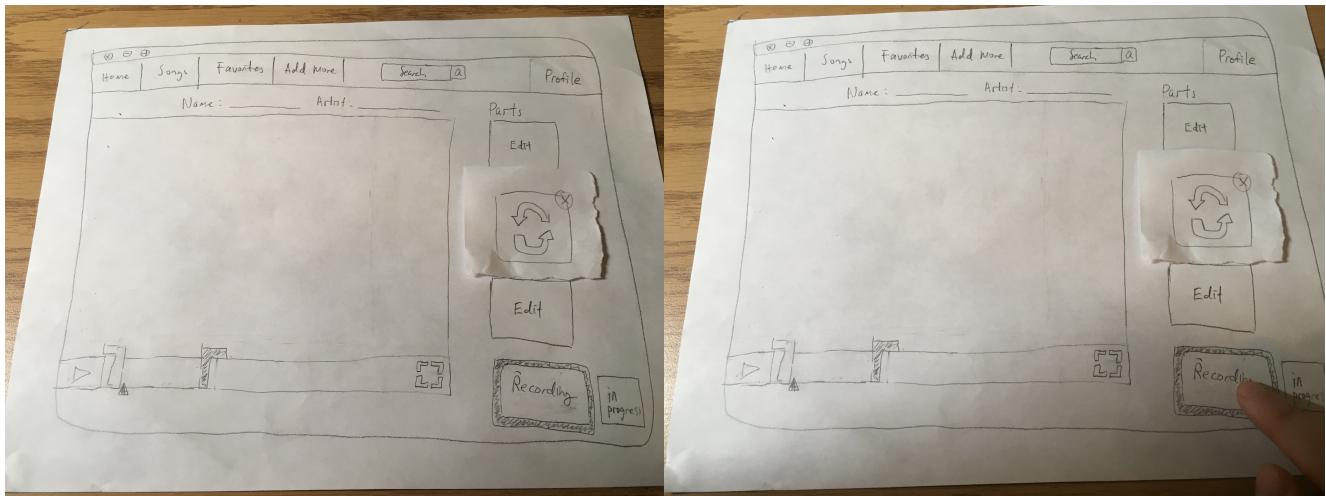
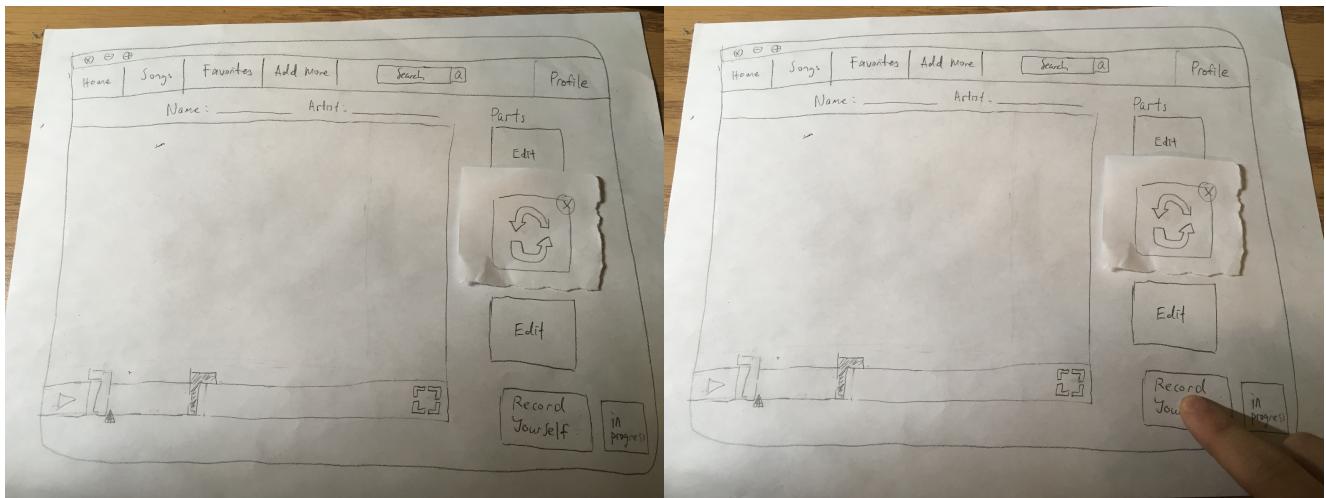


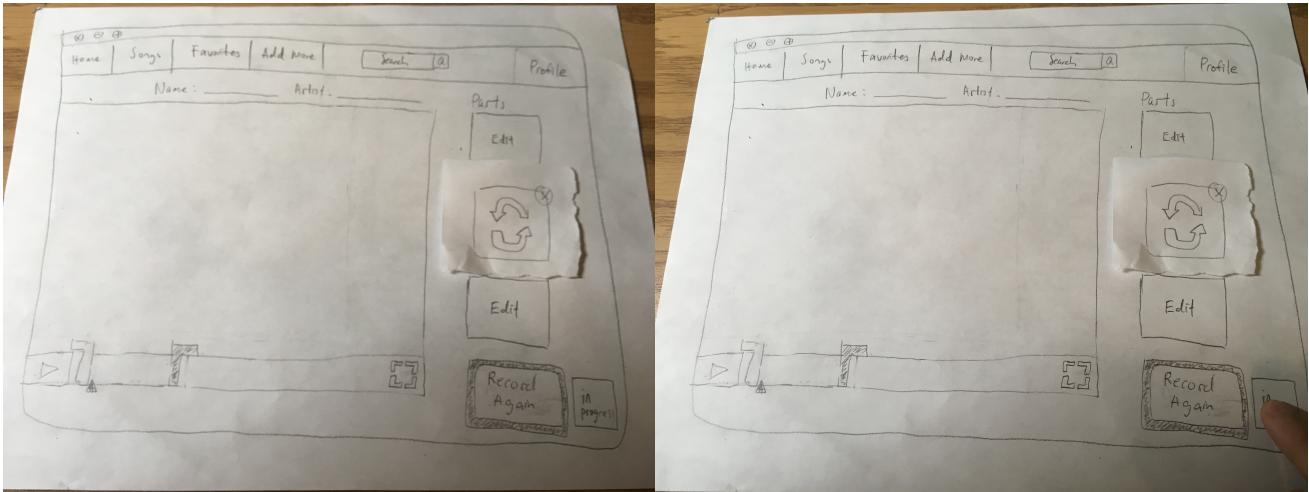
Assume dragging motion



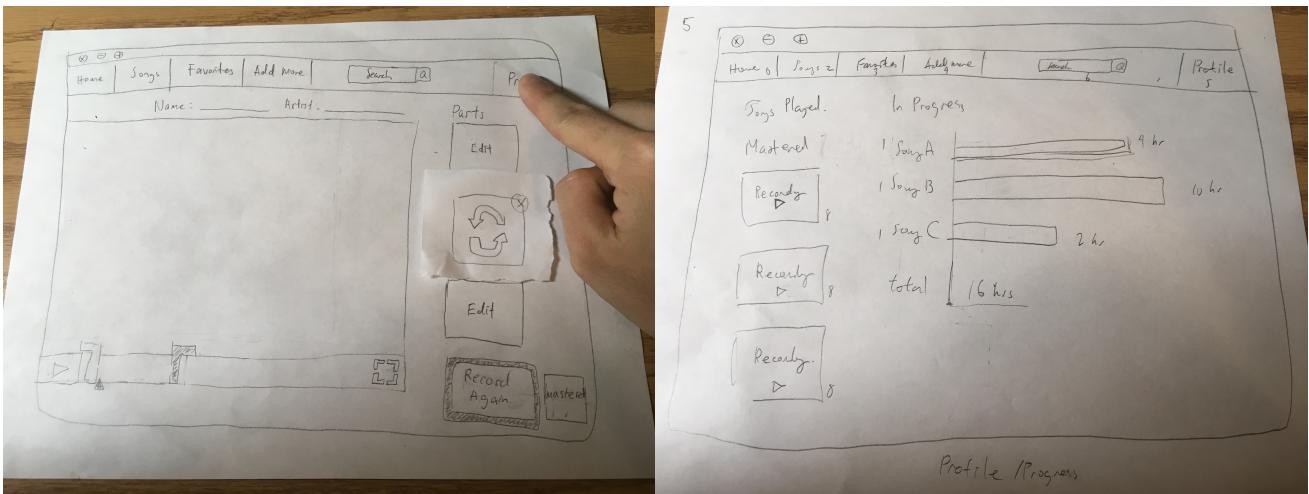
Replays segment/part

4. Master song by saving recording, and removing all markers

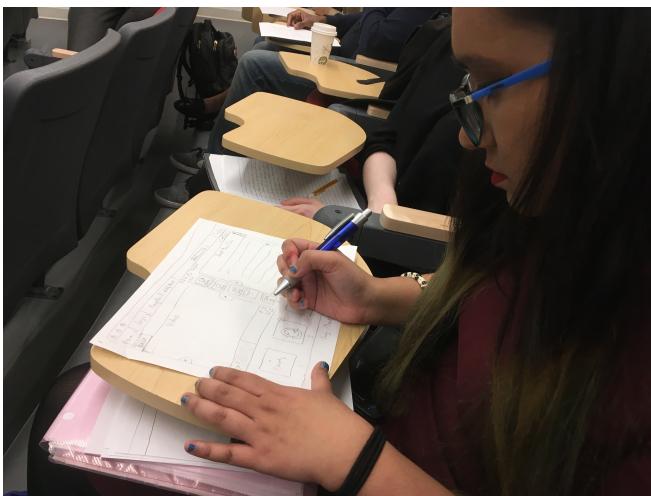




5. Track progress by seeing how many hours spent learning



Prototype for one person



Paper Prototypes: Things that I learned

Game of Thrones Predict

1. I learned that homepages should have easy access buttons to important destinations, not just having them in the header
2. I learned that users might want to access character profile directly from prediction page, so make sure the icons are clickable or have a read more side button attached
3. I learned that character bio pages should be linked directly to the predictions page so they can be interchangeable
4. I learned that the leaderboard might not be necessary
5. I learned that keeping track of episode, season, series might be more difficult

Master difficult parts of guitar songs

1. I learned that the songs and favorites pages might not be as important or used, or might take away from the goal
2. I learned that I should just focus on the main feature of this idea which is the replayable markers/loops, and keep that minimal
3. I learned that having both video and sheet music and a bunch of icons is unrealistic and confusing
4. I learned that the user gets confused on how to add or create new markers
5. I learned that accessing the visible result is difficult without some API that compares sound files. Might have to find an alternative, don't know if simply recording a version and saying you mastered it is good enough
6. My original practice song page was this, so I made it simpler

