

# Low-Fi Prototyping

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Inclusive Design



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A blurred background of a concert crowd with raised hands and stage lights. The scene is dimly lit with warm, golden stage lights and some blue accents. The crowd is dense, and many hands are raised in the air, suggesting a lively atmosphere. The text is overlaid on this background.

# Sign Along

Bring meaning to every moment

# Roadmap

Tasks

Selected Interface

Low-Fi Prototype

Method

Results

UI Changes

# Tasks Overview

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## Tasks Overview: Simple

Interpreters want to know what upcoming concerts are coming to the area so that they can combine their love for music with their ASL fluency.



## Tasks Overview: (Medium)

Deaf users want to find the best interpreter out of the pool of submissions.



# Tasks Overview: (Complex)

Deaf users want to interact and establish relationships with their favorite interpreters.





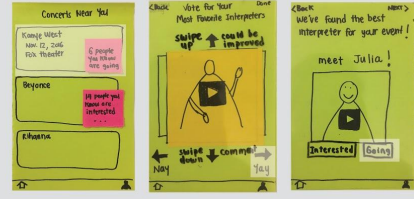
# Selected Interface & Rationale

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# Low-Fi Prototype Structure

## Hearing Impaired Users' Flow

**Medium Task:** Deaf users want to find the best interpreter out of the pool of submissions.



Screen 1

See what's coming

Screen 2

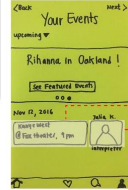
Vote your favorites

Screen 3

Decide what to do with the event

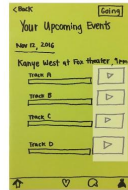
### Complex Task

Deaf users want to interact and establish relationships with their favorite interpreters.



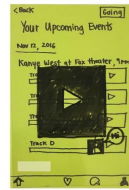
Screen 4

See your events & interpreter



Screen 5-A

See a signed set list



Screen 6-A

View signed videos



Screen 6-B

See your interpreter's upcoming events



Screen 5-B

Get to know your interpreter

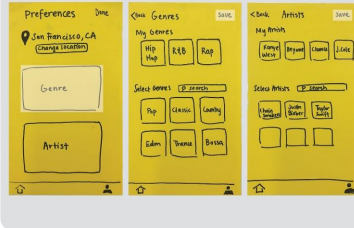


Screen 6-C

Start a conversation

## ASL Interpreters Flow

**Simple Task:** Interpreters want to know when upcoming concerts are coming to the area.



Screen 1

Set Preferences

Screen 2

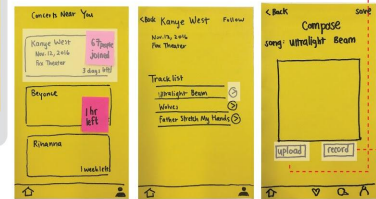
Select Genre

Screen 3

Select Artists

### Simple Task:

Interpreters want to use their ASL skill to do something fun with a good cause.



Screen 4  
See Concerts Near You

Screen 5  
See What Tracks Are Available to Sign

Screen 6  
Compose a submission



Screen 6-A

Record Your Video



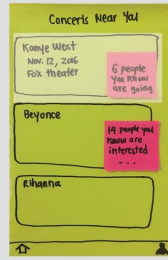
Screen 6-B

Upload Your Video

# User: Hearing Impaired

## Hearing Impaired Users' Flow

**Medium Task:** Deaf users want to find the best interpreter out of the pool of submissions.



Screen 1  
See what's coming



Screen 2  
Vote your favorites



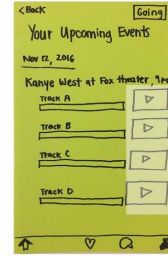
Screen 3  
Decide what to do with the event

### Complex Task

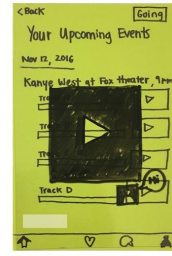
Deaf users want to interact and establish relationships with their favorite interpreters.



Screen 4  
See your events & interpreter



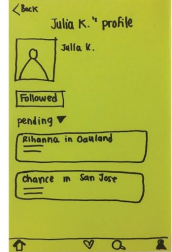
Screen 5-A  
See a signed set list



Screen 6-A  
View signed videos



Screen 5-B  
Get to know your interpreter



Screen 6-B  
See your interpreter's upcoming events



Screen 6-C  
Start a conversation

# Medium Task

**Medium Task:** Deaf users want to find the best interpreter out of the pool of submissions.



Screen 1

See what's coming



Screen 2

Vote your favorites



Screen 3

Decide what to do with the event

# Complex Task

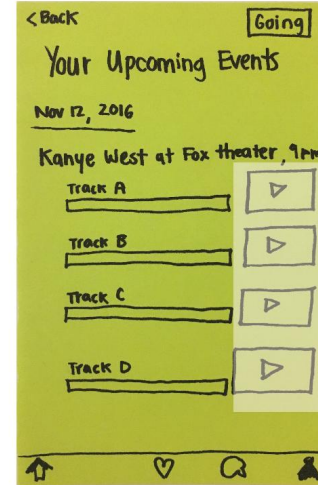
## Complex Task

Deaf users want to interact and establish relationships with their favorite interpreters.



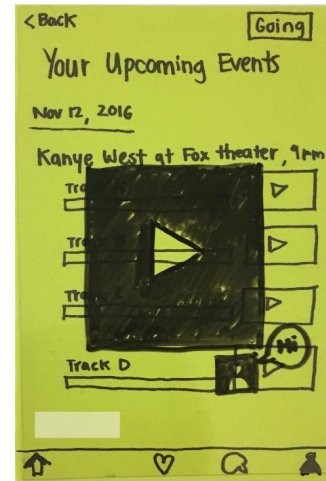
Screen 4

See your events & interpreter



Screen 5-A

See a signed set list



Screen 6-A

View signed videos

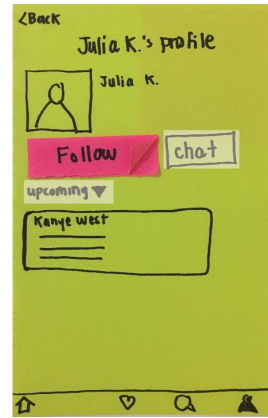
# Complex Task

## Complex Task

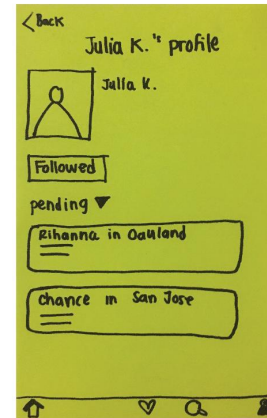
Deaf users want to interact and establish relationships with their favorite interpreters.



Screen 4  
See your events & interpreter



Screen 5-B  
Get to know your interpreter



Screen 6-B  
See your interpreter's upcoming events



Screen 6-C  
Start a conversation

# User: ASL Interpreter

## ASL Interpreters Flow

**Simple Task:** Interpreters want to know when upcoming concerts are coming to the area.

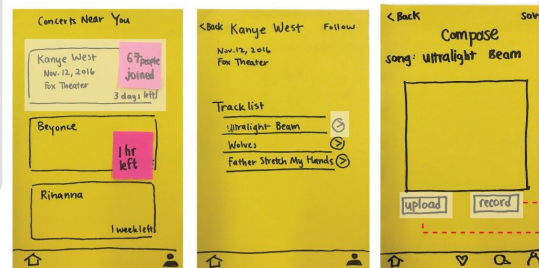


Screen 1  
Set Preferences

Screen 2  
Select Genre

Screen 3  
Select Artists

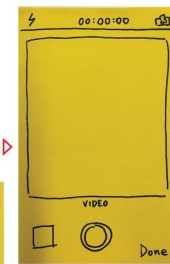
**Simple Task:** Interpreters want to use their ASL skill to do something fun with a good cause.



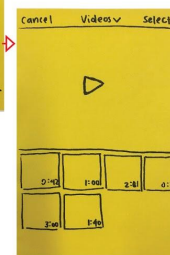
Screen 4  
See Concerts Near You

Screen 5  
See What Tracks  
Are Available to  
Sign

Screen 6  
Compose a  
submission



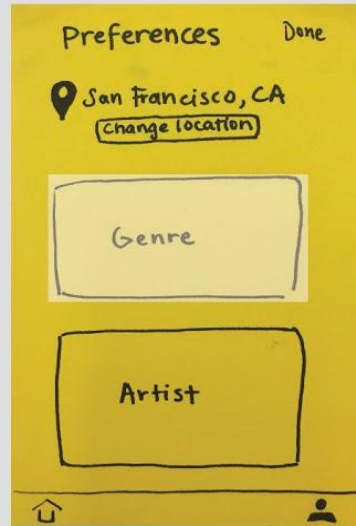
Screen 6-A  
Record Your Video



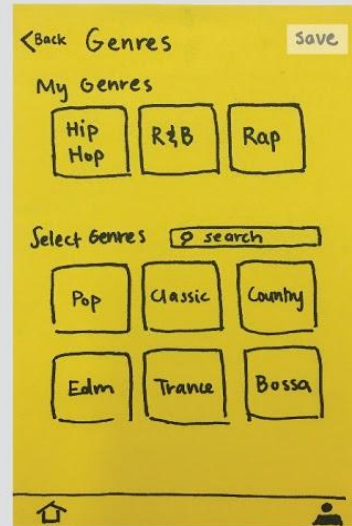
Screen 6-B  
Upload Your Video

# Simple Task

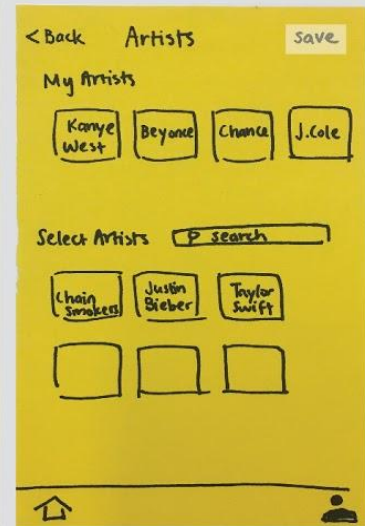
**Simple Task:** Interpreters want to know when upcoming concerts are coming to the area.



Screen 1  
Set Preferences



Screen 2  
Select Genre



Screen 3  
Select Artists



# Complex Task

**Simple Task:** Interpreters want to use their ASL skill to do something fun with a good cause.



Screen 4

See Concerts Near You



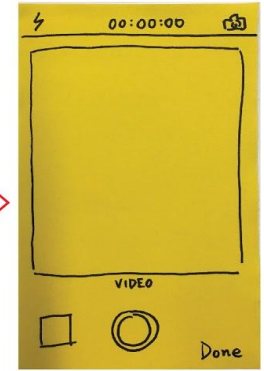
Screen 5

See What Tracks  
Are Available to  
Sign



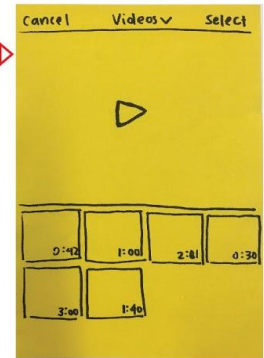
Screen 6

Compose a  
submission



Screen 6-A

Record Your Video



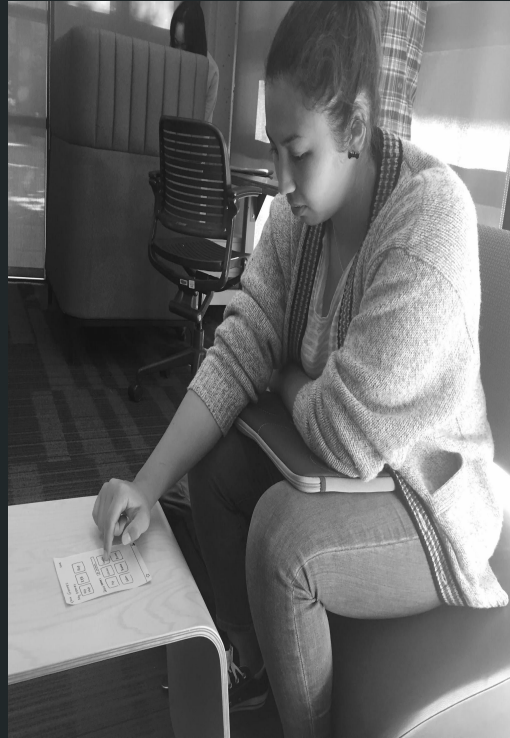
Screen 6-B

Upload Your Video

# Usability Testing

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# Experimental Method



# Experimental Results: Interpreters

Confusion and concern about submitting audition videos

Make the homepage a list of upcoming concerts instead of setting preferences



# Experimental Results: Deaf and Hard of Hearing

Confusion with voting feature

Concern about interpreter credibility

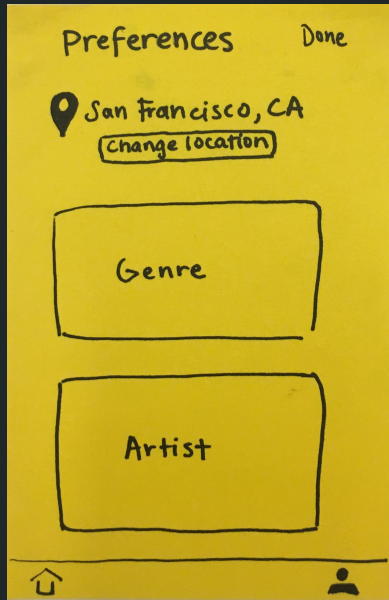
Fundamental misunderstanding  
about voting for interpreters



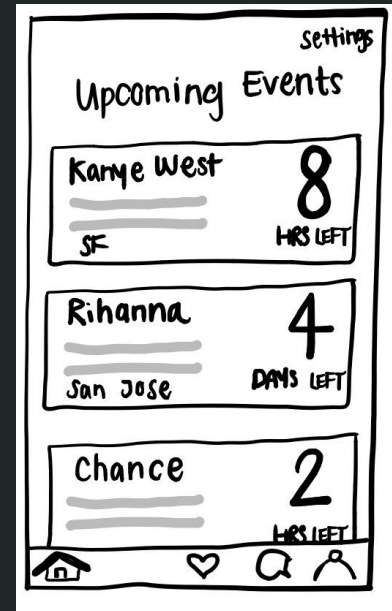
# Suggested UI Changes

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# Re: Preferences

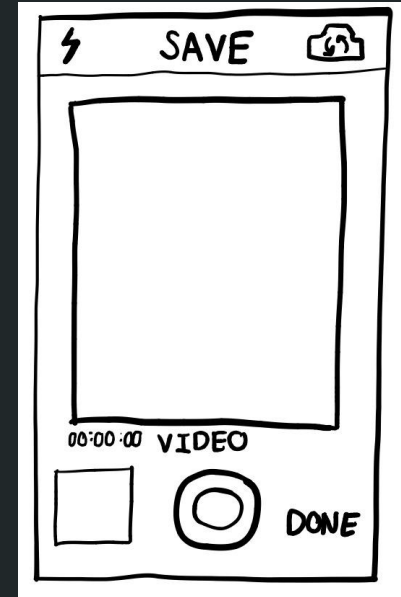
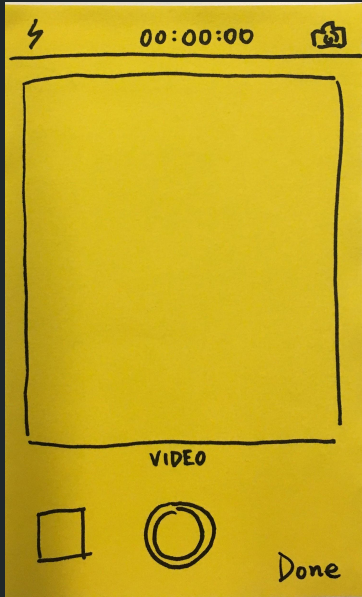


“I want to see the artists and their show dates” - Francine



First screen visible will be “Upcoming Events” near you with an option for updating settings

# Re: Video Creation

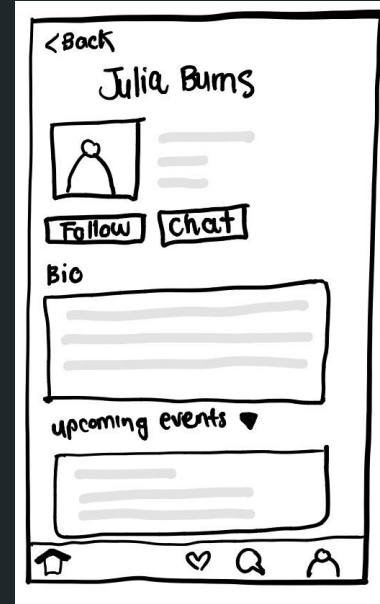
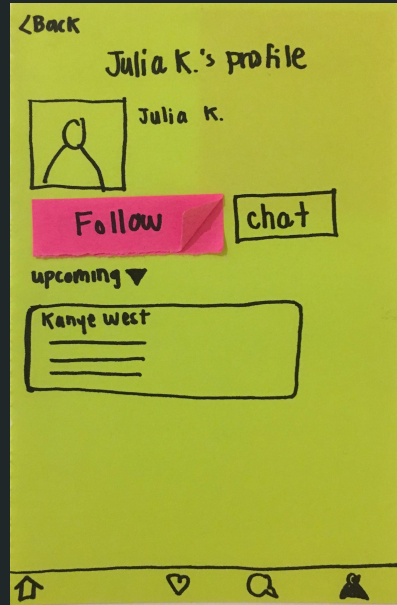


“I’d probably be in front of a mirror not a computer to practice” - Francine

The user will be able to save multiple drafts before uploading their final videos.



# Re: Interpreter's profile page



“I’d want to know that they are not creeps” - Zina

The user will be able to view the selected interpreter’s bio

# Summary

- People generally didn't have navigation issues with the interface
- There were a couple of moments where the needs are more nuanced than what we expected. For example, the need to practice before uploading the video, need to be able to play songs and see lyrics while recording.