



Virtually There

Jihoon Suh

The screenshot shows a video recording interface with a dark theme. On the left, a sidebar lists navigation options: Profile, Messages, Attachments, Playback, and Settings. At the bottom of the sidebar is a small video thumbnail of a smiling man. The main area is a whiteboard with handwritten notes:

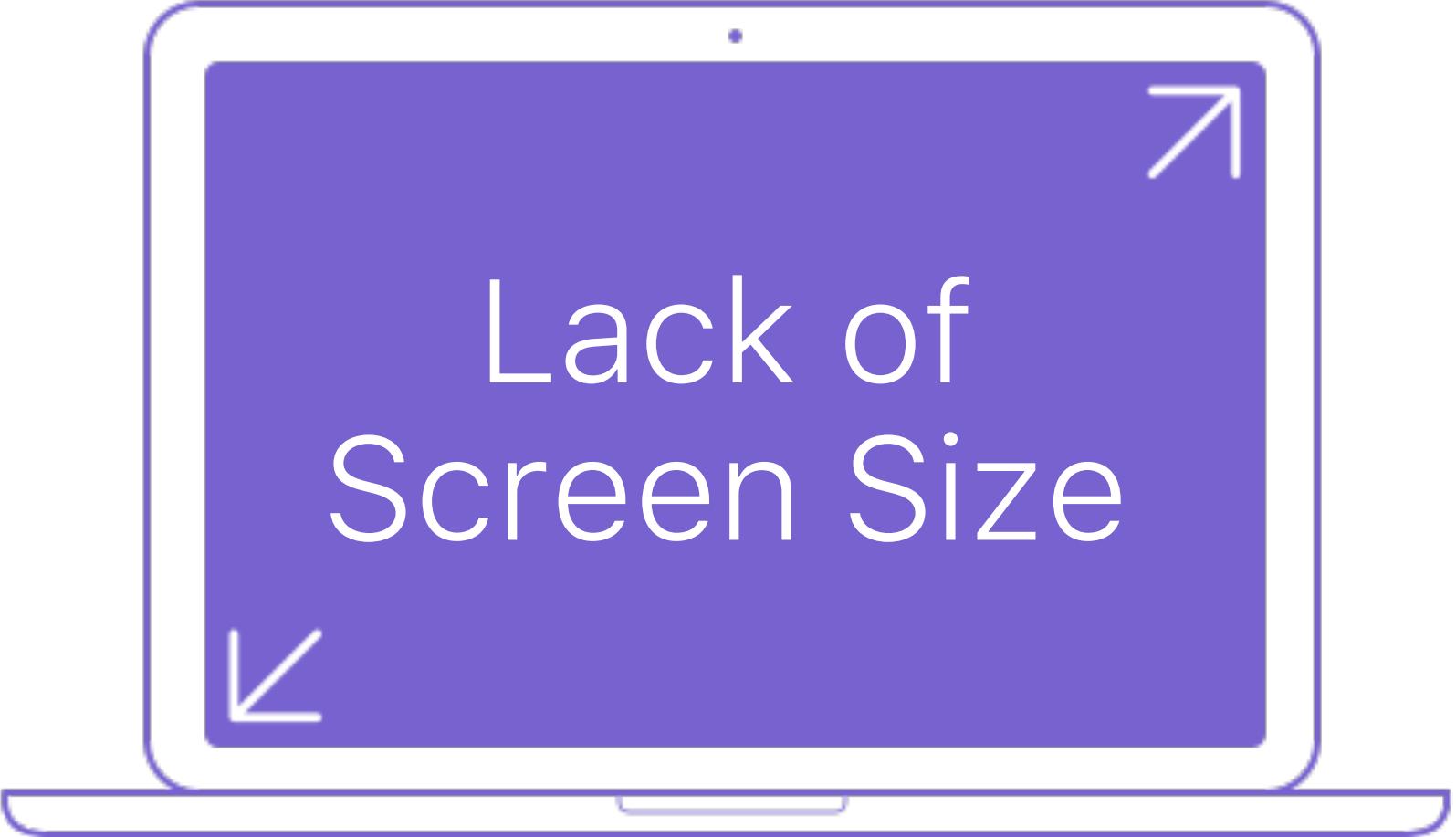
- graphing
- Principles:
 - int: Where $x=0$; $f(0) = y$ -int
 - ints: Where $y=0$; $f(x) = 0$
 - Solve for x .
- points
- Quadratics: Vertex $\rightarrow x = \frac{-b}{2a}$
 - Vertex
 - $y = f\left(\frac{-b}{2a}\right)$
- Ex: $y = 2x^2 - 5x + 10$
 - y-int: $2(0)^2 - 5(0) + 10 = 10$
 - x-ints: $0 = 2x^2 - 5x + 10$
 - $(2x - 5)(x + 2) = 0$
 - Will it have x-ints?
 - $b^2 - 4ac = 25 - 80 = -55$ \rightarrow No x-ints!
- Above x-axis.
- Vertex: $x = \frac{-b}{2a} = \frac{5}{4}$, $y = f\left(\frac{5}{4}\right)$

Design Problem

Users often miss said comments or visuals while participating and note-taking in video conferences.

| Target | User

A person who video-conferences regularly on his/her laptop, as the participator of the meeting (not a designated note-taker)



Lack of
Screen Size

Design Requirements

Product should provide effective solution to note-taking

Product should catch missed visuals or verbal comments

Possible Solutions

Designing UX for easy visual capturing and note-taking

Capturing and indexing the conference for review

Possible Solutions

Screen capturing is simple in PC.
Note-taking could be done in
different platforms (hand-written,
google docs, powerpoint, MS word,
EverNote, TextEditor, etc.

Designing UX for easy visual capturing and note-taking

Capturing and indexing the conference for review

Advantage of Recording & Indexing

User can focus on the conference with minimal bookmarking effort.

User can come back to specific points of the recording to extract missed/necessary details such as visuals

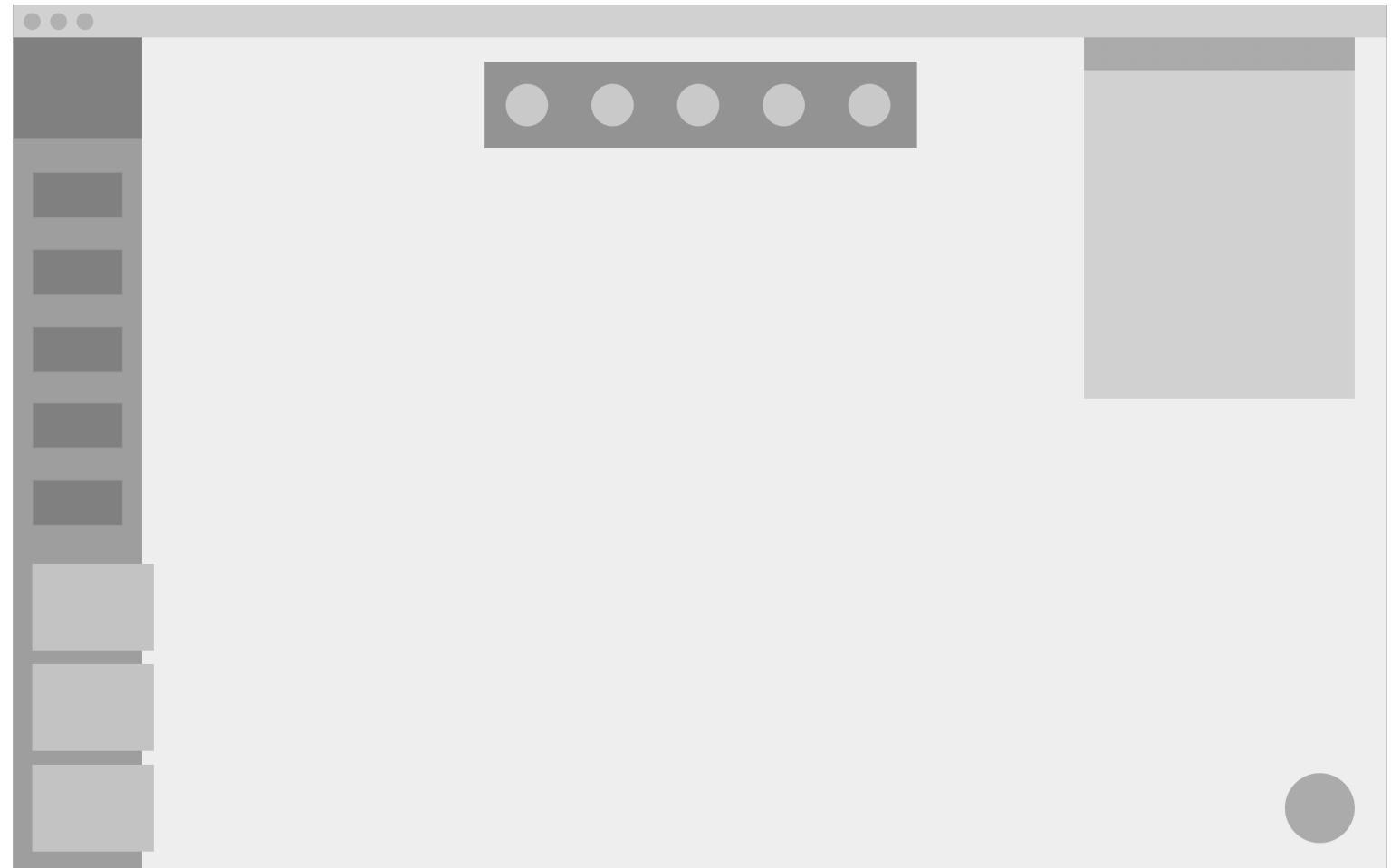
Core Tasks

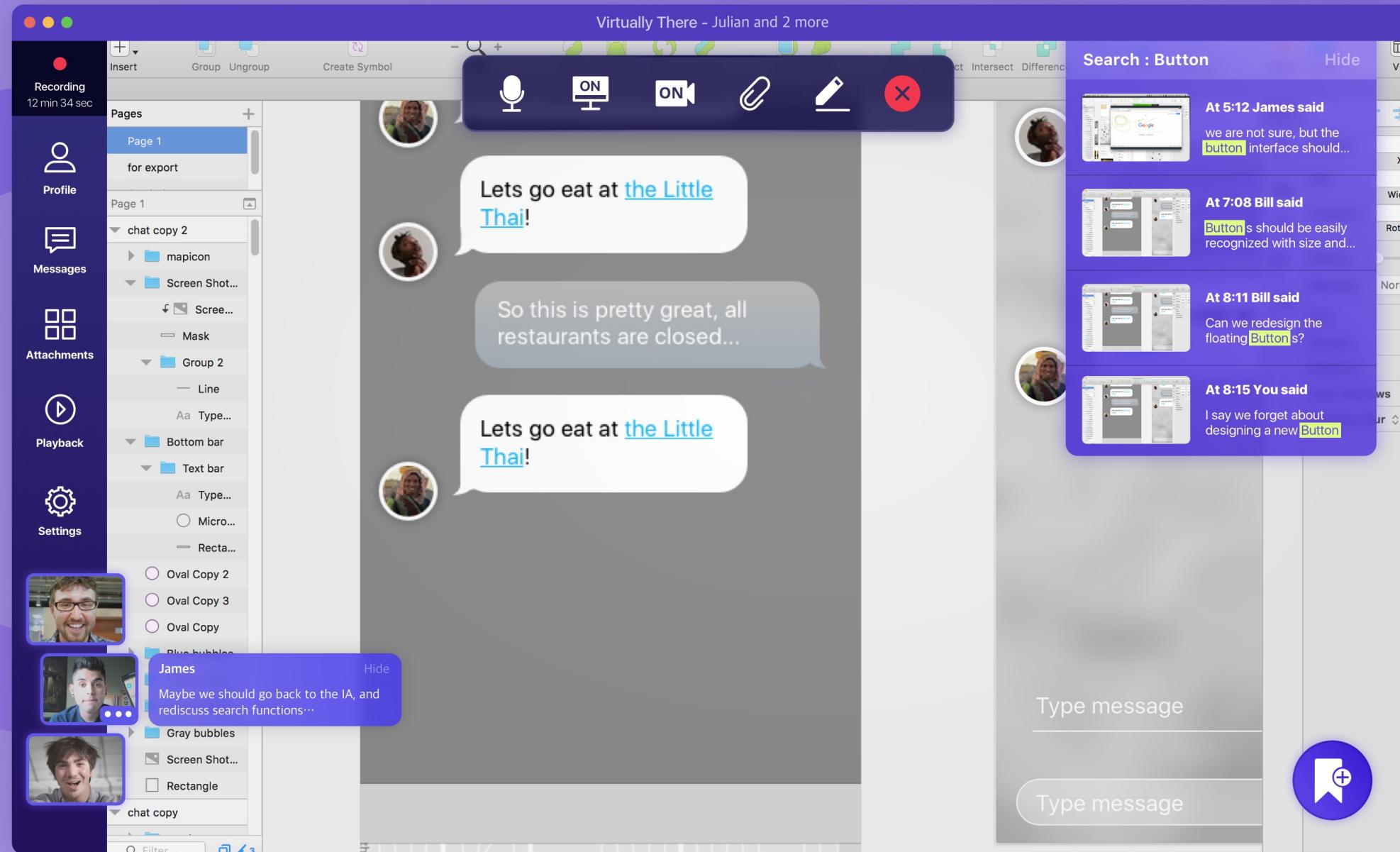
Quickly Create time-based bookmarks during conference

Browse the recorded video & locate bookmarks

Operate keyword search from live or recorded video

UI Design Wireframe

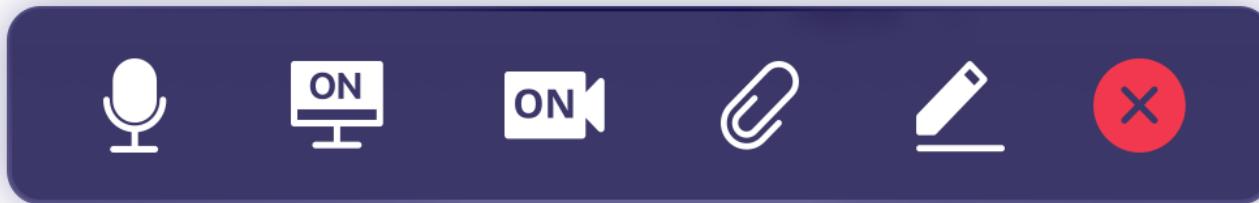




Mic

Camera

Draw



Attach

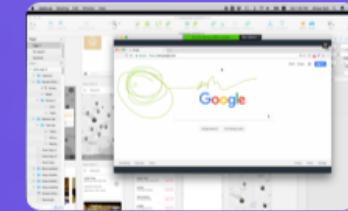
Auto-Caption Search

Search Bar

Preview

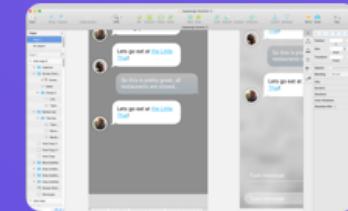
Search : Button

Hide



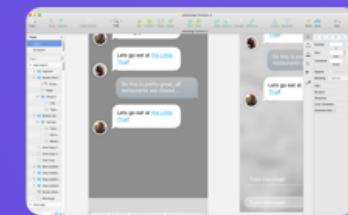
At 5:12 James said

we are not sure, but the **button** interface should...



At 7:08 Bill said

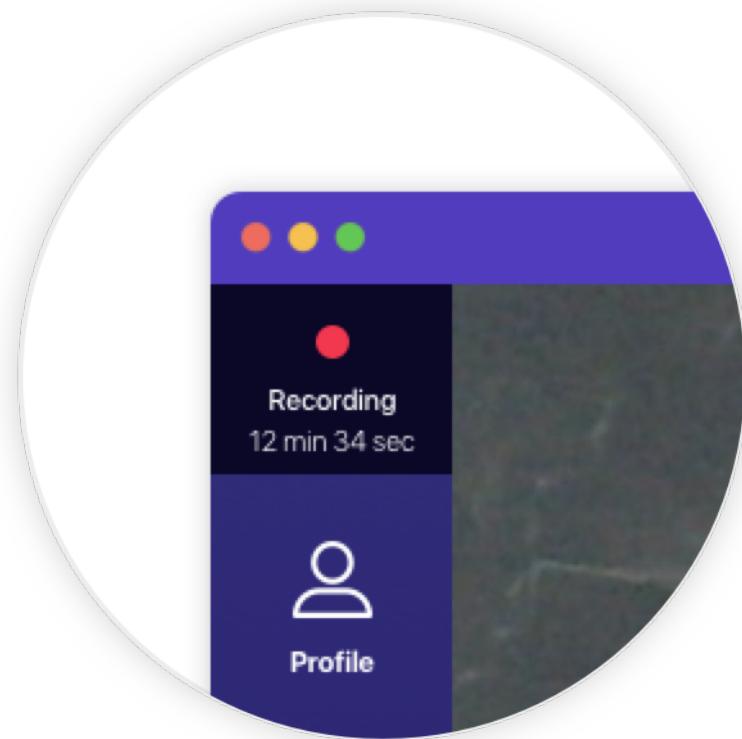
Buttons should be easily recognized with size and...



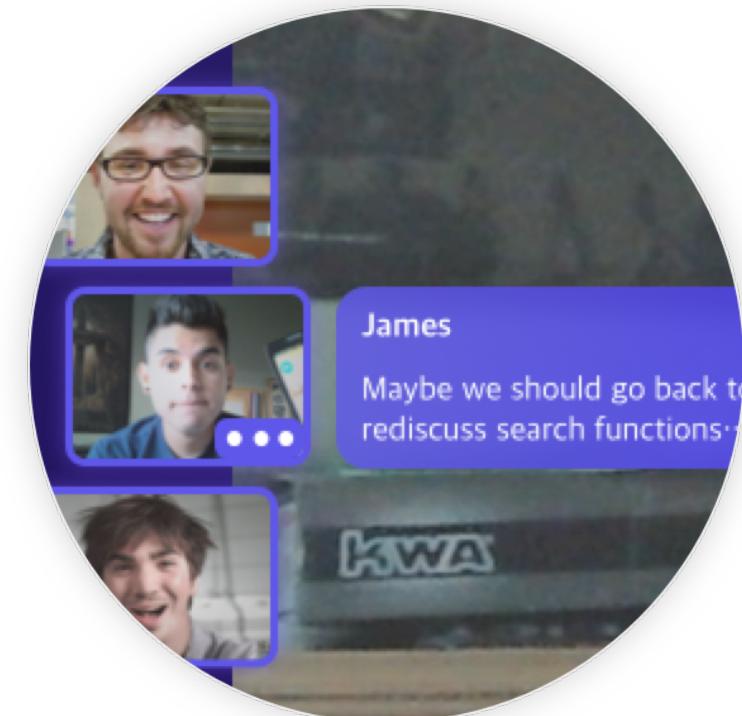
At 8:11 Bill said

Can we redesign the floating **Button**s?

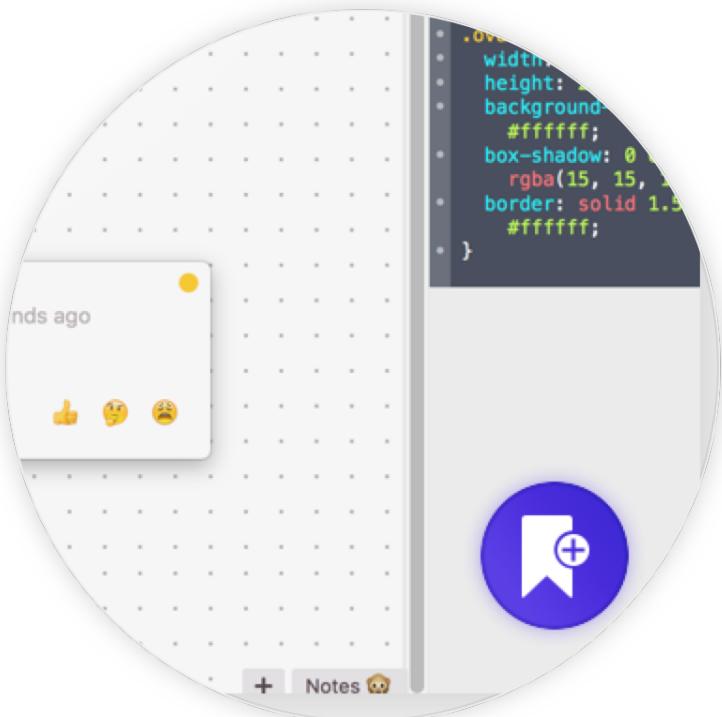
Recording



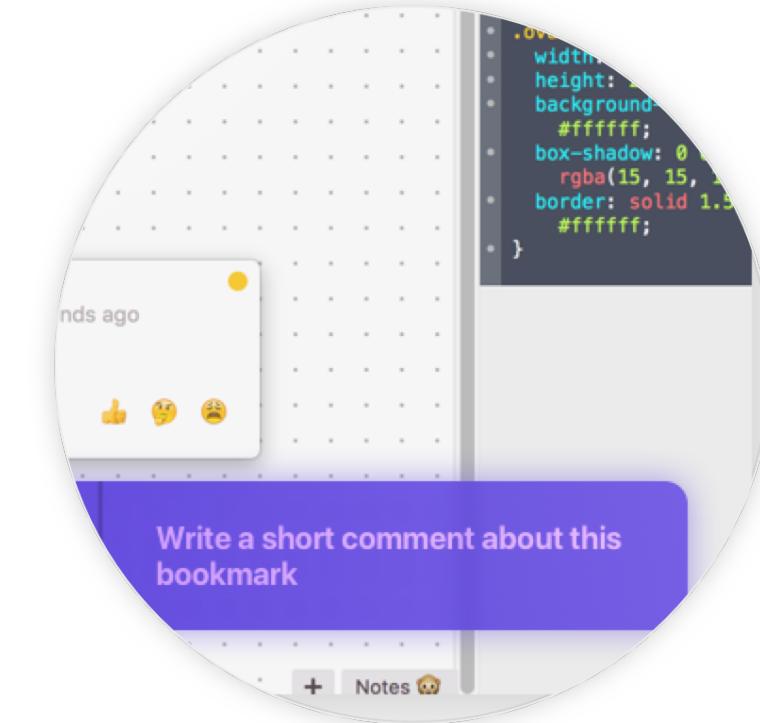
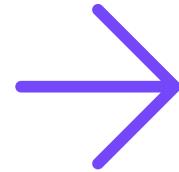
Auto-captioning



Time-based Indexing



Click bookmark button



Write simple comment

Virtually There - Julian and 2 more

Profile

Messages

Attachments

Playback

Settings

Playing 12 min 34 sec

Group Ungroup Create Symbol 56% Difference

Restaurant

Little Thai Restaurant 0.3 miles ★★★★★

i 65 Restaurant 1.5 miles ★★★★☆

K BBQ Korean Cuisine 0.3 miles ★★★★★

Saigon House Thai Cuisine 0.3 miles ★★★★★

Cali Burger Gourmet Burger 0.3 miles ★★★★★

Thai 65 Thai Restaurant 0.3 miles ★★★★★

Little Thai Restaurant 0.3 miles ★★★★★

John : Hey where are we going?

map copy 4

Little Thai Restaurant 0.3 miles ★★★★★

Authentic Thai Food

Open Hour : 9:00- 20:00

Little Thai Restaurant 0.3 miles ★★★★★

TianVi 2121 Reece Square 0.3 miles Copy Link

Tofu House 34 Charley Shoal 0.3 miles Copy Link

K BBQ 315 Gaylord Spurs 0.3 miles Copy Link

Cali Burger 90 Bailey Forges Suite 968 0.3 miles Copy Link

Cafe Saigon 0299 Andres Pines Apt. 018 0.3 miles Copy Link

map copy 3

map copy

Search...

Bookmarks

At 3:56 IA structure and user flow chart

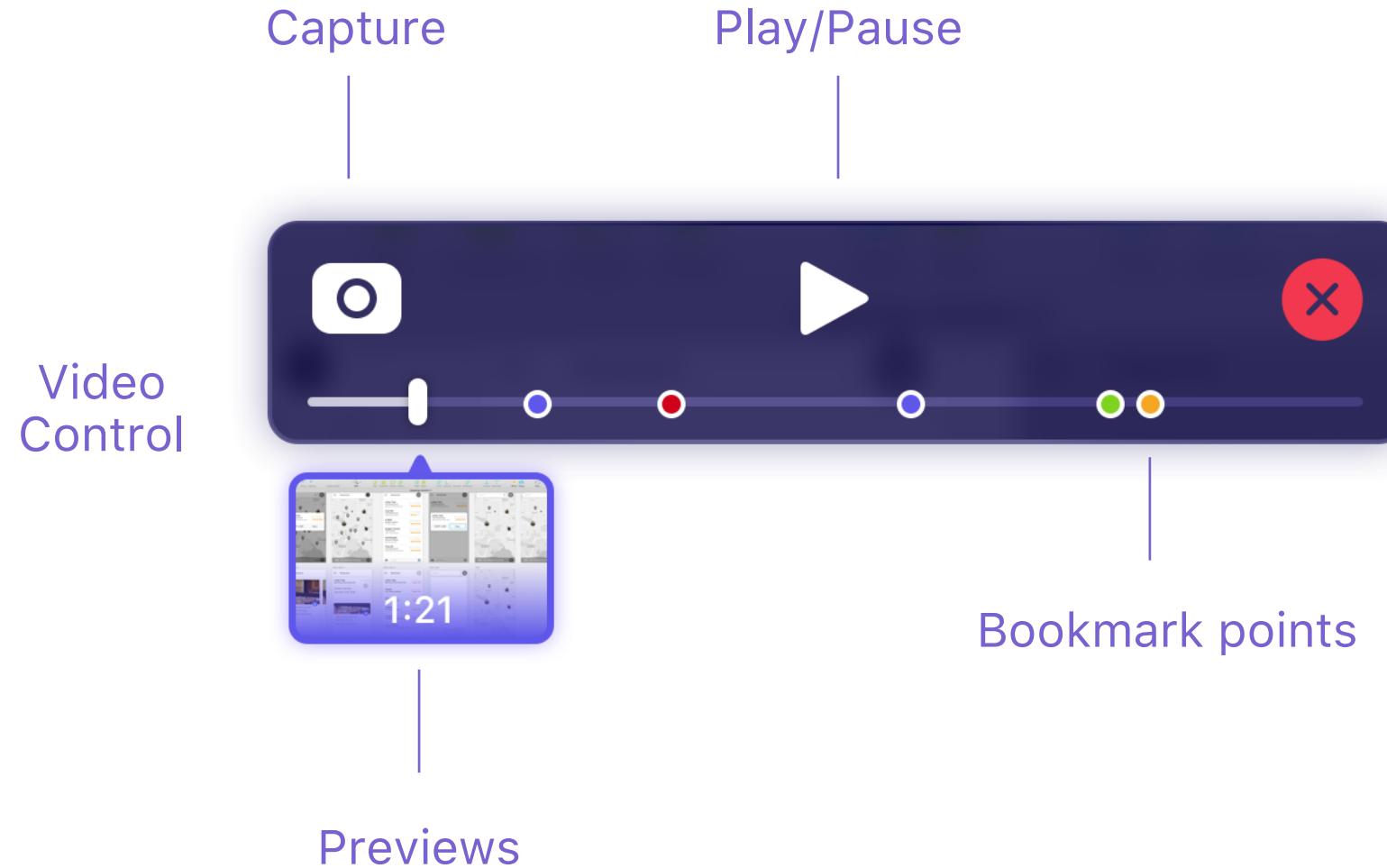
At 8:19 Button design and Jame's suggestion

At 18:34 Showing new UI components

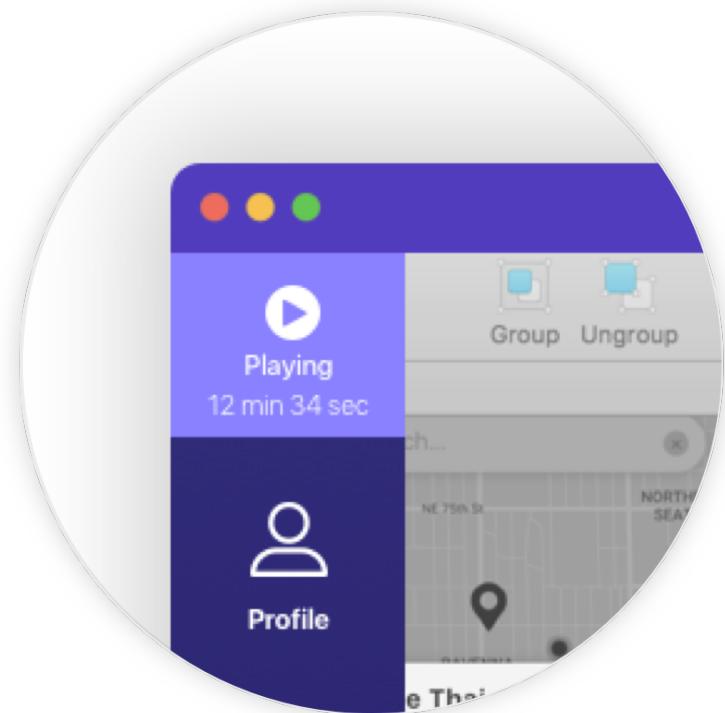
At 20:11 Project Timeline overview

At 21:03 Wrap-up

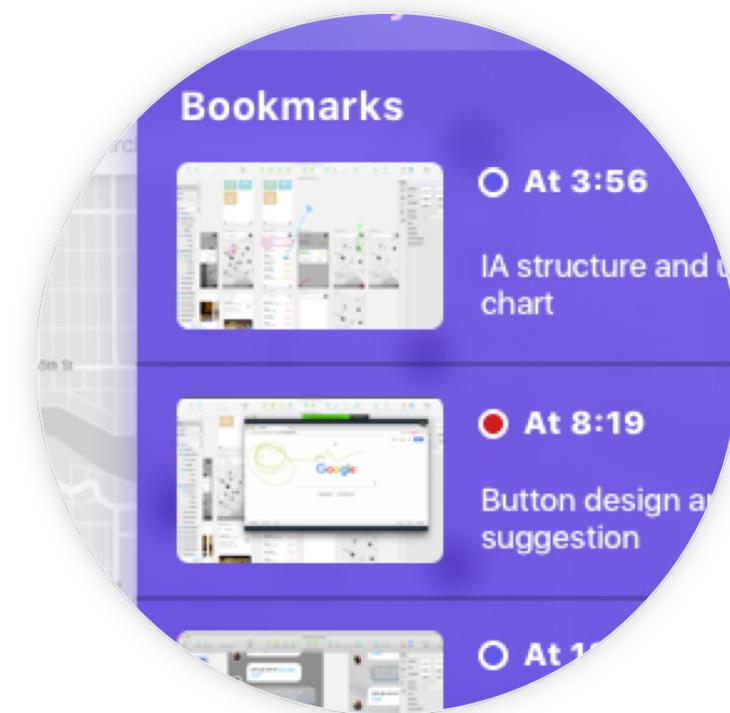
Virtually There - Julian and 2 more



Playback



Viewing Bookmarks



Tradeoff &Risks

Focus in conference vs.
simultaneous note-taking

Note-taking is not integrated

May require time to review the recording for complete note

| Future | Works

Build Interactive prototypes

Cope with scalability and responsive layout

External Source : Apple Devices Icons Set was designed by WORAWALUNS, 100 Basic Icons was designed by Lucy Gonzalez