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CS1300 Capstone: Remote Work Mood Setter/Break Scheduler

During UI/UX last semester, I worked on a project to design an interface for a startup concept. The startup concept we chose was LifeAt, which on Y Combinator describes itself as a “virtual getaway” — users can select relaxing video/audio to create a calming environment for their work. Without looking at the company’s existing interface, we iteratively designed an application for this concept. We 1) drew quick sketches of features, 2) mocked up low-fidelity prototypes, 3) designed our first draft of a high-fidelity prototype, 3) pitched our prototype to other students in UI/UX and collected feedback, 4) edited our prototype based on feedback and 5) collected more feedback via user testing. Our process is thoroughly detailed on the “Remote Work Mood Setter” slide of my [portfolio](#), and our final Figma prototype can be viewed [here](#).

For my capstone project, I extended our project by building out our frontend prototype using React. Here is a list of features that I have built. The screenshots on the next pages are annotated with these features. All video and audio were taken from Pixabay. Icons are from FontAwesome5. All other design components were custom-built.

1. Scene selection: Choose a scene from a list of calming video and audio selections. For each scene, there are multiple audio options to choose from. The video can be maximized and minimized.
2. Search scenes: Search for scenes based on their title and description.
3. Schedule breaks with friends: On our breaks page, you can view a calendar of all your friends’ availability for the day. This calendar dynamically generates from the `./break_data.js` file in the source code. It is designed to pool together your friends’ calendars (which would ideally be integrated with GCal) to show when your friends are available.
 1. Click anywhere on the calendar slots to open up a menu which allows you to schedule a break with friends.
 2. Click on existing breaks to update information or cancel.
4. Realtime calendar: The calendar utilizes React hooks to update each minute. The calendar autoscrolls to the current time upon loading.
5. Individualized calendars: See your individual friends’ calendars by hovering over the calendar icons next to their names on the left side of the breaks screen.
6. Back to scene: Go back to the scene that you were previously watching by clicking on the “Back to Scene” button. Scene data persists using query strings in the url.
7. Your next break: Within scenes, you can see when your next break is in the top right corner. Clicking this button will bring you back to the breaks screen.
8. Profile: Your profile shows the amount of time that you have spent watching scenes and how many breaks you’ve spent with friends (all hardcoded for now).
9. Log in/Log out: On your profile, you can log out of the current user, and then log back in from the Log In page.

Check out the app [here!](https://rsimpsonn.github.io/capstone) <https://rsimpsonn.github.io/capstone>

Your next break is at 3:30 PM with Austin!

PICK A SCENE Each of our scenes provides a calming atmosphere for your work.

Find a scene

AUTUMN falling leaves, bright colors

Bird Calls

1

BEACH tropical

Gentle Waves

7

Your next break is at 3:30 PM with Austin!

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Find a scene

AUTUMN falling leaves, bright colors

Bird Calls

1

BEACH tropical

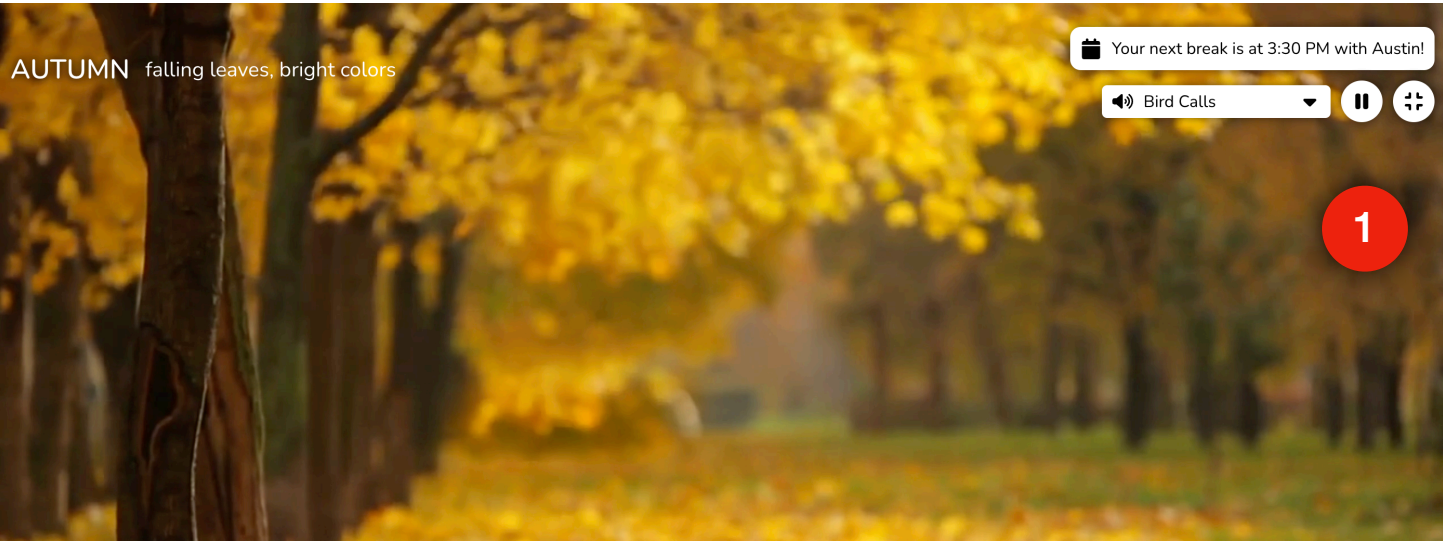
Gentle Waves

2

You have a break now with Jasmine until 1:15 PM!

7

You have no breaks scheduled for the rest of the day.



FRIENDS

J

Jasmine

Available now

A

Austin

Unavailable until 2:00 PM

M

Marie

Unavailable until 2:00 PM

CALENDAR

1 PM	Jasmine is available	3
2 PM	Jasmine, Austin and Marie are available	
	Jasmine and Austin are available	
3 PM	Break with Austin	
4 PM		
5 PM	Jasmine, Austin and Marie are available	

FRIENDS

J

Jasmine

Available now

A

Austin

Unavailable until 2:00 PM

M

Marie

Unavailable until 2:00 PM

CALENDAR

1 PM	Jasmine is available
2 PM	Jasmine
	Jasmine
3 PM	Break
	Break v
4 PM	
5 PM	Jasmine, Austin and Marie are available

Schedule a break

From 3:00 PM To 3:15 PM

With

J

A

Jasmine Austin

Save

3.1



Back To Scene

FRIENDS

CALENDAR

J

Jasmine

Available now

A

Austin

Unavailable until 2:00 PM

M

Marie

Unavailable until 2:00 PM

1 PM

Jasmine is available

2 PM

Jasmine, Austin and Marie are available

3 PM

Jasmine

4 PM

Break

5 PM

Jasmine, Austin and Marie are available

Schedule a break

From 3:30 PM To 4:00 PM

With

A

Austin

Remove Save

3.2



Back To Scene

FRIENDS

CALENDAR

J

Jasmine

Available now

A

Austin

Unavailable until 2:00 PM

M

Marie

Unavailable until 2:00 PM

1 PM

Jasmine is available

2 PM

Austin is available

3 PM

Break with Austin

4 PM

Jasmine, Austin and Marie are available

Jasmine and Austin are available

Break with Austin

Jasmine, Austin and Marie are available

4

5

6



Back To Scene



Relaxed Robbie

Log Out

102 hours spent watching peaceful scenes | 134 breaks taken

9

FRIENDS (3)



Jasmine

58 breaks taken together



Austin

14 breaks taken together



Marie

24 breaks taken together

Add a friend:

breakbuddy@gmail.com

Send

8

LifeAt

Create a social and peaceful
remote work environment

Email

readytorelax@gmail.com

Password

password

Login

Sign up

9