Q.0.	Q.0. Participant ID (ask experimenter):								

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18-24	
25-34	
35-44	
45-54	
55 or older	
O Prefer not to ans	wer
Q1.2. What is	your gender?
Female	
<ul><li>Female</li><li>Male</li></ul>	
	nale
Male	
Male Transgender Fer	e
<ul><li>Male</li><li>Transgender Fer</li><li>Transgender Mal</li></ul>	le Ion-Conforming
<ul><li>Male</li><li>Transgender Fer</li><li>Transgender Mal</li><li>Gender Variant/N</li></ul>	le Ion-Conforming
<ul><li>Male</li><li>Transgender Fer</li><li>Transgender Mal</li><li>Gender Variant/N</li></ul>	le lon-Conforming e specify)
Male Transgender Fer Transgender Mal Gender Variant/N Not listed (please	le lon-Conforming e specify)

Q1.1. What is your age?

Q2.1. How are you currently feeling? [if you prefer not answering to this question, write "NA"]
Q2.2. Any particular reason why you are feeling like this that you would like to share? [if you prefer not answering to this question, write "NA"]
Q2.3. Rate your current level of relaxation on a scale from 1 to 7, with 1 being "Not relaxed at all" and 7 being "totally relaxed".
1 2 3 4 5 6 7 Perceived relaxation

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Q2.4. On a scale from 1 to 4, with 1 being "Not at all", 2 "Somewhat", 3 "Moderately So" and 4 "Very much so"; rate how you feel **right now, that is, at this moment.** 

	not at all	somewhat	moderately so	very much so
I feel calm	$\bigcirc$			
I feel secure	$\bigcirc$			
I am tense	$\bigcirc$			
I am strained				
I feel at ease	$\bigcirc$			
I feel upset	$\bigcirc$			
I am presently worrying over possible misfortunes	$\circ$	$\bigcirc$	$\bigcirc$	$\circ$
	not at all	somewhat	moderately so	very much so
I feel satisfied	$\bigcirc$			
I feel frightened	$\bigcirc$			
I feel comfortable	$\bigcirc$			
I feel self-confident	$\bigcirc$			
I feel nervous	$\bigcirc$			
I am jittery	$\bigcirc$			
I feel indecisive	$\bigcirc$		$\bigcirc$	
	not at all	somewhat	moderately so	very much so
I am relaxed	$\bigcirc$			
I feel content	$\bigcirc$		$\bigcirc$	
I am worried	$\bigcirc$			

	not at all	somewhat	moderately so	very much so
I feel steady		$\bigcirc$	$\bigcirc$	$\bigcirc$
I feel pleasant	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$

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### Q3.1. Sleep depth

Light Sleep Deep Sleep 100

My sleep last night was:



### Q3.2. Sleep latency

Just never could fall asleep

Fell asleep almost immediately 100

Last night, the first time I got to sleep, I:



# Q3.3. Awakenings from sleep

Awake all night long Awake very little 100

Last night I was:



## Q3.4. Ability to return to sleep

Couldn't get back to sleep

Got back to sleep immediately 100

Last night, when I woke up or was awakened, I:



# Q3.5. Sleep quality

A bad night's sleep
0 A good night's sleep
100

I would describe my sleep last night as:



#### Q3.6. Noise Item

Very noisy

Very quiet 100

I would	describe	the	noise	level	last	night	as:

Q3.7. On the following scale: 0 = would never doze, 1 = slight chance of dozing, 2= moderate chance of dozing, 3 = high chance of dozing.

	would never doze	slight chance of dozing	moderate chance of dozing	high chance of dozing
Sitting and reading	$\bigcirc$	$\bigcirc$		$\bigcirc$
Watching TV	$\bigcirc$	$\bigcirc$		$\bigcirc$
Sitting, inactive in a public space	$\bigcirc$	$\bigcirc$	$\circ$	$\circ$
As a passenger in a car for an hour without a break	$\circ$		$\circ$	0
Lying down to rest in the afternoon when circumstances permit	$\circ$	$\bigcirc$	$\circ$	$\circ$
Sitting and talking to someone	0	$\bigcirc$	0	$\bigcirc$
Sitting quietly after a lunch without alcohol	0	$\bigcirc$	$\circ$	$\circ$
In a car, while stopped for a few minutes in the traffic	$\circ$	0	$\circ$	0



Q4.0. Please try to form the images described below and rate each mental image on the following scale: 0 (no image at all) to 10 (image as clear and vivid as real life).

### Q4.1. Imagine the appearance of:



a friend you know well



a cat climbing a tree



a sunset



the front door of your house



a bonfire									
0									
040 lmas	ina tha	بالمصم	~ť.						
Q4.2. Imag	ine the	smell	DI.						
no image at all	2	3	4	5	6	image 7	e as clear and 8	vivid as real 9	life 10
a stuffy room									
0									
a rose									
0									
fresh paint									
0									
newly cut grass	5								
0									

burning wood								
0								
04.2 lmos	ina tha	tooto	\f.					
Q4.3. Imag	me me	iasie (	<i>)</i> 1.					
no image at all 0 1	2	3	4	5	6	7	image as clear and vivid as real lif	fe 0
mustard								
0								
toothpaste								
0								
lemon								
0								
sea water								
0								

black pepper									
0									
Q4.4. Imag	ine to	uching	):						
no image at all 0 1		3	4	5	6	imaç 7	ge as clear ar 8	nd vivid as re 9	al life 10
a warm sand									
0									
a soft towel									
0									
the point of a p	oin								
0									
icy water									
0									

fur									
0									
Q4.5. Imag	ine the	e bodil	y sens	ation o	f:				
no image at all 0 1	2	3	4	5	6	imaç 7	ge as clear ar 8	nd vivid as re	al life 10
relaxing in a wa	arm bath	ı							
0									
having a sore t	hroat								
0									
threading a nee	edle								
0									
jumping into a	swimmir	ng pool							
0									

walking briskly	in the co	old						
0								
Q4.6. Imag	ine fee	eling:						
no image at all 0 1	2	3	4	5	6	ima( 7	ge as clear ar 8	nd vivid as real life 9 10
excited								
0								
relieved								
0								
furious								
0								
in love								
0								

0	
Q4.7. If you could teleport to another location or a memory your past that could help you relax and unwind, what we pick? [if you prefer not answering to this question, write	ould you
Q4.8. What sounds are in this scenery?	

scared

Q4.9. W	hat odors?				
					11
Q.4.10.	Can you de	scribe any	other se	nsations?	
					li

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Q.0. Group A or B? (This	question need	ls to be ans	swered by the
experimenter)			

A: Control Condition (simply rest, did not test Almagery)

B: Almagery Condition (sleeping mask and headphones)

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Q1.1. Rate your current level of relaxation on a scale from 1 to 7, with 1 being "Not relaxed at all" and 7 being "totally relaxed".

1 2 3 4 5 6 7

Perceived relaxation

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Q1.2. On a scale from 1 to 4, with 1 being "Not at all", 2 "Somewhat", 3 "Moderately So" and 4 "Very much so"; rate how you feel **right now, that is, at this moment.** 

	not at all	somewhat	moderately so	very much so
I feel calm	$\bigcirc$			
I feel secure	$\bigcirc$			
I am tense				
I am strained				
I feel at ease	$\bigcirc$			
I feel upset	$\bigcirc$			
I am presently worrying over possible misfortunes	0	$\bigcirc$	$\bigcirc$	$\circ$
	not at all	somewhat	moderately so	very much so
I feel satisfied	$\bigcirc$			
I feel frightened	$\bigcirc$			
I feel comfortable	$\bigcirc$			
I feel self-confident	$\bigcirc$			
I feel nervous	$\bigcirc$			
I am jittery	$\bigcirc$			
I feel indecisive	$\bigcirc$		$\bigcirc$	
	not at all	somewhat	moderately so	very much so
I am relaxed	$\bigcirc$			
I feel content	$\bigcirc$		$\bigcirc$	
I am worried	$\bigcirc$			

. 1001 001114004	not at all	somewhat	moderately so	very much so
I feel steady	$\bigcirc$	$\bigcirc$	$\bigcirc$	
I feel pleasant	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\circ$

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Q2.1. In your own word	ds, describ	e the ex	perience	you jus	t had.
Q2.2. Did you use any	particular	techniqu	e that he	lped yo	u relax?
					,
Q2.3. Please answer e	each quest	ion on a	scale of	1 to 5, v	vith 1
means strongly disagre	•				
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I enjoyed the experience.				$\bigcirc$	$\bigcirc$
I felt immersed.	$\bigcirc$			$\bigcirc$	$\bigcirc$
I felt more relaxed after the experience than before.	0	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I felt more calm after the experience than before.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I felt more refreshed after the experience than before.	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I felt more sleepy after the experience than before.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I felt my mood was better after the experience than before.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\circ$
I felt more rested after the experience than before.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I feel positive after using the experience.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I would prefer it if the guided imagery*** was narrated by someone/something (see description below if you don't know what guided imagery is).	0	0	0	0	0
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I would prefer it if an AI narrated the guided imagery.	$\bigcirc$	0	$\bigcirc$	$\bigcirc$	$\bigcirc$
I would prefer it if a pre-recording of a human narrated the guided imagery.	0	0	0	$\circ$	0
I would prefer it if a human narrated the guided imagery in real-time.	$\bigcirc$	0	$\bigcirc$	$\bigcirc$	$\bigcirc$
I don't mind if an AI or a human narrates the story.	$\bigcirc$	0	$\bigcirc$	$\bigcirc$	$\bigcirc$
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree

# Guided imagery. \*\*\* detailed description of what guided imagery is:

\*\*\* Guided imagery is a type of focused relaxation or meditation. It is a therapeutic approach that has been used in the past to help lower stress and anxiety levels. To do guided imagery, you need to focus on something that makes you feel calm and happy. You might close your eyes and imagine a beautiful place or a positive situation. This might help you to be more aware and relaxed. Your thoughts affect how your body feels. For instance, when you worry about something, you might feel nervous and tense. Your heart might beat faster, and you might have trouble concentrating. But when you think about something nice, you tend to feel more relaxed and peaceful. Your muscles might loosen up, and your mind might clear up. This can help you deal with different kinds of stress better.

I OWOLOG BY QUALLIOU -

Q2.4 What are the main advantages or disadvantages that you
can envision of using AI to drive guided imagery experiences
(e.g., audio-based narrations with preferred scenery) compared to
other methods or sources that do not use AI?

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Q2.5. What are the main reasons or goals that you would be using Al-driven experiences for? (select all that apply)

Relaxation
Sleep
Focus
Retrieve past experiences
Stress management
Pain relief
☐ Emotional regulation
Self-care
Creativity
Learning
Memory enhancement
Other (please describe)
■ None of the above

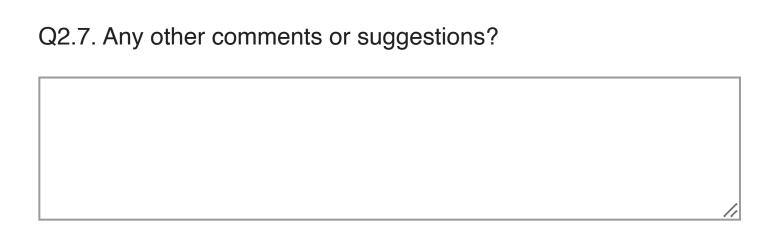
Q2.6. From 1 to 5, with 1 means "Never", and 5 "Very often". How often would you use an AI to help improve your well-being and self-care (e.g, increase relaxation, help you sleep, etc.)

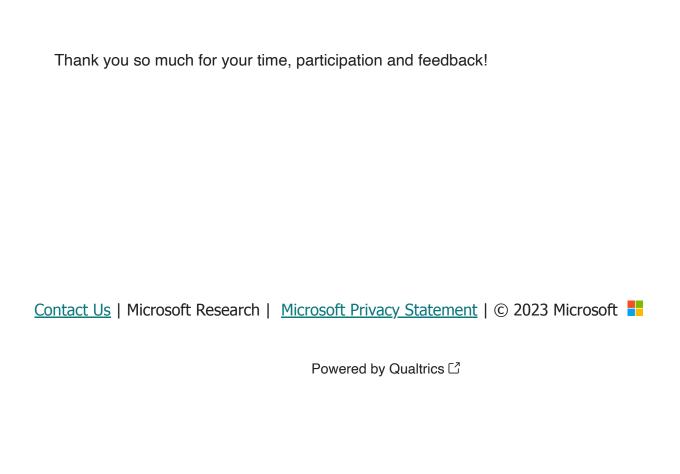
 Never
 Very often

 1
 2
 3
 3
 4
 5

Frequency







Q.0.	Group	A or B?	(This	question	needs	to be	answered	by the
expe	erimente	er)						

A: Control Condition (simply rest, did not test Almagery)

○ B: Almagery Condition (sleeping mask and headphones)

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Q1.1. Rate your current level of relaxation on a scale from 1 to 7, with 1 being "Not relaxed at all" and 7 being "totally relaxed".

1 2 3 4 5 6 7

Perceived relaxation

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Q1.2. On a scale from 1 to 4, with 1 being "Not at all", 2 "Somewhat", 3 "Moderately So" and 4 "Very much so"; rate how you feel **right now, that is, at this moment.** 

	not at all	somewhat	moderately so	very much so
I feel calm	$\bigcirc$			
I feel secure	$\bigcirc$			
I am tense				
I am strained				
I feel at ease	$\bigcirc$			
I feel upset	$\bigcirc$			
I am presently worrying over possible misfortunes	0	$\bigcirc$	$\bigcirc$	$\circ$
	not at all	somewhat	moderately so	very much so
I feel satisfied	$\bigcirc$			
I feel frightened	$\bigcirc$			
I feel comfortable	$\bigcirc$			
I feel self-confident	$\bigcirc$			
I feel nervous	$\bigcirc$			
I am jittery	$\bigcirc$			
I feel indecisive	$\bigcirc$		$\bigcirc$	
	not at all	somewhat	moderately so	very much so
I am relaxed	$\bigcirc$			
I feel content	$\bigcirc$		$\bigcirc$	
I am worried	$\bigcirc$			

. 1001 001114004	not at all	somewhat	moderately so	very much so
I feel steady	$\bigcirc$	$\bigcirc$	$\bigcirc$	
I feel pleasant	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\circ$

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# Q2.1B. Please answer each question on a scale of 1 to 5, with 1 means strongly disagree and 5 means strongly agree.

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I felt comfortable using AI as a guided imagery tool.	$\bigcirc$	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$
I felt it was important that the AI personalized the story based on my preferred scenery.	0	0	0	0	0
I felt it was important that the AI personalized the story based on my current mood.	0	0	0	0	$\circ$
I felt it was important that the AI personalized the story based on my current heart rate.	0	0	0	0	$\circ$
I felt it was important to hear my heart rate.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I found the voice pleasant.	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\bigcirc$
I found the sound of my heart beating pleasant.	$\bigcirc$	$\circ$	0	$\bigcirc$	$\bigcirc$
I found the rest of the sounds pleasant.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I found the scent pleasant.	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$
I found that the system perceived/recognized how I was feeling.	0	0	0	0	$\bigcirc$
I found that the system	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree

adjusted/responded to now I was feeling.	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I found that the system was empathic (ability to sense your emotions and share your feelings).	0	0	0	$\bigcirc$	$\circ$
I found that the system was compassionate (ability to feel for and not feeling with the other).	0	0	0	$\bigcirc$	0
system was compassionate (ability to feel for and not feeling with the other).	$\bigcirc$	0	$\circ$	$\bigcirc$	0
I would use this at home.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree

## Q2.2B. I found that the way the system adjusted/responded based on my **preferred scenery** was important for me to:

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Enjoy the experience	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$
Feel immersed	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$
Relax	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$
Unwind/Disconnect	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$
Sleep	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$
Other	0	$\circ$	0	0	0

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
None of the above			$\bigcirc$	$\bigcirc$	
Q2.3B. I found that the	way the s	ystem ad	djusted/re	esponde	ed
based on my heart rate	was imp	ortant fo	r me to:		
			Neither		
	Strongly disagree	Disagree	agree nor disagree	Agree	Strongly agree
Enjoy the experience	$\circ$		$\bigcirc$	$\bigcirc$	$\bigcirc$
Feel immersed	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$
Relax	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Unwind/Disconnect	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Sleep	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Other					
	O	0	O	0	O
None of the above	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
O2 4B. I found that the	way tha s	vetom a	diustod/re	ocnonda	nd.
Q2.4B. I found that the based on my current <b>m</b>	•		•	•	<del>5</del> u
based on my current m	oou was	προπαπ	t ioi iii <del>o</del> i	.0.	
	Strongly		Neither agree nor		Strongly
	disagree	Disagree	disagree	Agree	agree
Enjoy the experience	$\bigcirc$			$\bigcirc$	

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Feel immersed	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$
Relax	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$
Unwind/Disconnect			$\bigcirc$	$\bigcirc$	$\bigcirc$
Sleep	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Other	0	0	$\circ$	0	0
None of the above	$\circ$	$\circ$	$\circ$	$\circ$	
Q2.5B. I found that the apply):	system re	esponses	were: (s	elect al	l that
<ul> <li>Empathic (ability to sense yo</li> <li>Compassionate (ability to fee</li> <li>Designed/Developed to be ended</li> <li>Designed/Developed to be compassionate</li> <li>Don't know</li> <li>None of the above (please specified)</li> </ul>	el for and not mpathic ompassionat	feeling with	_	3)	

and expe	•	erience be	improved to	better sui	t your
					11

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Q2.1. In your own word	ds, describ	e the ex	perience	you jus	t had.
Q2.2. Did you use any	particular	techniqu	e that he	lped yo	u relax?
					,
Q2.3. Please answer e	each quest	ion on a	scale of	1 to 5, v	vith 1
means strongly disagre	•				
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I enjoyed the experience.				$\bigcirc$	$\bigcirc$
I felt immersed.				$\bigcirc$	$\bigcirc$
I felt more relaxed after the experience than before.	0	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I felt more calm after the experience than before.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I felt more refreshed after the experience than before.	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$	$\bigcirc$
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I felt more sleepy after the experience than before.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I felt my mood was better after the experience than before.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\circ$
I felt more rested after the experience than before.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I feel positive after using the experience.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I would prefer it if the guided imagery*** was narrated by someone/something (see description below if you don't know what guided imagery is).	0	0	0	0	0
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I would prefer it if an AI narrated the guided imagery.	$\bigcirc$	0	$\bigcirc$	$\bigcirc$	$\bigcirc$
I would prefer it if a pre-recording of a human narrated the guided imagery.	0	0	0	$\circ$	0
I would prefer it if a human narrated the guided imagery in real-time.	$\bigcirc$	0	$\bigcirc$	$\bigcirc$	$\bigcirc$
I don't mind if an AI or a human narrates the story.	$\bigcirc$	0	$\bigcirc$	$\bigcirc$	$\bigcirc$
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree

## Guided imagery. \*\*\* detailed description of what guided imagery is:

\*\*\* Guided imagery is a type of focused relaxation or meditation. It is a therapeutic approach that has been used in the past to help lower stress and anxiety levels. To do guided imagery, you need to focus on something that makes you feel calm and happy. You might close your eyes and imagine a beautiful place or a positive situation. This might help you to be more aware and relaxed. Your thoughts affect how your body feels. For instance, when you worry about something, you might feel nervous and tense. Your heart might beat faster, and you might have trouble concentrating. But when you think about something nice, you tend to feel more relaxed and peaceful. Your muscles might loosen up, and your mind might clear up. This can help you deal with different kinds of stress better.

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22.4 What are the main advantages or disadvantages that you	J
an envision of using AI to drive guided imagery experiences	
e.g., audio-based narrations with preferred scenery) compared	to
ther methods or sources that do not use AI?	
	/

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Q2.5. What are the main reasons or goals that you would be using Al-driven experiences for? (select all that apply)

		•	
Relaxation			
Sleep			
Focus			
Retrieve past experience	es		
Stress management			
Pain relief			
Emotional regulation			
Self-care			
Creativity			
Learning			
Memory enhancement			
Other (please describe)			
None of the above			

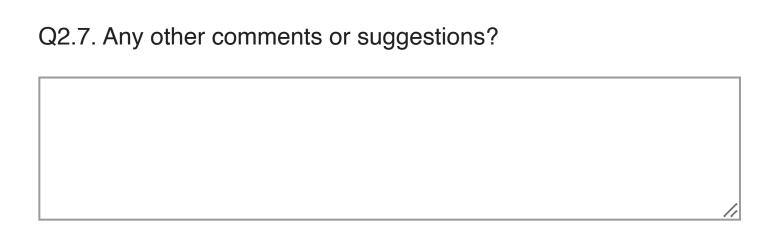
Q2.6. From 1 to 5, with 1 means "Never", and 5 "Very often". How often would you use an AI to help improve your well-being and self-care (e.g, increase relaxation, help you sleep, etc.)

 Never
 Very often

 1
 2
 3
 3
 4
 5

Frequency





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