How do you perceive the robot?

Dear participant,

Welcome to our Study. Thank you for joining.

You will be asked to watch conversational videos in a life coaching session, make a choice, and answer questions. To enroll in this study, you must read and understand **English fluently** and at least be **18 years old**. This study takes around **25 minutes.**

There are 48 questions in this survey.

PID

What is your Prolific ID?   *

Please write your answer here:

[   ]

Demographic

What is your gender? *

Choose one of the following answers
Please choose **only one** of the following:

○ Male

○ Female

○ Diverse

○ Prefer not to say

What is your age? *

Please write your answer here:

[   ]

Only numbers are allowed in the field:

What is the highest degree you have earned? *

Choose one of the following answers
Please choose **only one** of the following:

○ No answer

○ Basic education

○ High-school degree

○ University degree

○ Doctorate degree

Technology Experience

How often do you use an activity tracker (Fitbit, smartwatch, smartphone, etc.)? *

Choose one of the following answers
Please choose **only one** of the following:

- ◯ Never
- ◯ Rarely (a few times a year)
- ◯ Sometimes (weekly)
- ◯ Frequently (daily)

Have you ever interacted with a conversational robots or social robots? *

Choose one of the following answers
Please choose **only one** of the following:

- ◯ Yes
- ◯ No

Which conversational robots or social robots have you interacted with?

*

Only answer this question if the following conditions are met:
TE2 == 1

Select all that apply
Please choose **all** that apply:

- ☐ Pepper
- ☐ Sophia
- ☐ Nao
- ☐ Jibo
- ☐ Other: [_____]

INT

Welcome to the Life Coaching!
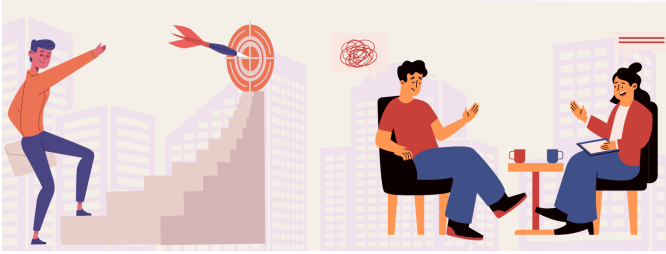
Life coaching is a process where a coach helps clients identify and achieve personal or professional goals. Unlike therapy, it focuses on the future, aiming to unlock potential, overcome obstacles, and create a path toward desired outcomes.

Picture yourself in a life coaching program. You are now in your **second bi-weekly session**, you've previously set a goal: embracing a more active lifestyle.

To support your progress, you've been encouraged to use an **activity tracker** for self-monitoring. In this coaching, a **robot** will collect and use your activity data into the coaching process.

Following you will see **four coaching sessions**. Each session includes **videos** featuring **the robot, the coach, and yourself as the participant.**

You will be asked to evaluate the robot behavior after each coaching session and answer questions about it. You will not be able to pause or interact with the video replay.

Tr=-1,Co=-1,Pr=1

Every session has a **unique** robot and behavior - even when looking the same. **Please pay attention to all details of the conversation**.

Next you will meet

LUMINAID

Please play the video by clicking on 'Start video' and ensure your speaker remains on as the video contains audio.

Start video

*

Was the video displayed correctly? *

Choose one of the following answers
Please choose **only one** of the following:

◯ Yes
◯ No

Unfortunately, you cannot proceed with the survey as it seems the video is not displaying correctly on your system.

Thank you for joining. Kindly withdraw from this study by **returning your submission** on **Prolific**. It won't affect your Prolific score, or your ability to participate in more studies on Prolific.

Only answer this question if the following conditions are met:
VQ001 == 0

Please don't forget to **look at it from the perspective of the person being coached**. Please provide your answer from this viewpoint. *

Please choose the appropriate response for each item:

	Strongly Disagree	Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Agree	Strongly Agree
I feel I did not have enough privacy when I use this robot for coaching.	○	○	○	○	○	○	○
I am comfortable with the amount of privacy I had.	○	○	○	○	○	○	○
I think my privacy was preserved when I used this robot for coaching.	○	○	○	○	○	○	○
I believe I had control over who got access to my personal information	○	○	○	○	○	○	○
I think I had control over what personal information was disclosed.	○	○	○	○	○	○	○
I think I had control over how personal information was used by the robot	○	○	○	○	○	○	○
I believe I could not control my personal information provided to the robot	○	○	○	○	○	○	○
I think it was acceptable for the robot to share the information during the session.	○	○	○	○	○	○	○
I believe the robot disclosure behavior was inappropriate.	○	○	○	○	○	○	○

Please rate the robot Luminaid for each point which best describes your feeling or impression on the scale (**Not at all = 1; Extremely = 7**). *

Please choose the appropriate response for each item:

	1	2	3	4	5	6	7
The robot is deceptive.	○	○	○	○	○	○	○
The robot behaves in an underhanded manner.	○	○	○	○	○	○	○
I am suspicious of the robot's intent, action, or outputs.	○	○	○	○	○	○	○
I am wary of the robot.	○	○	○	○	○	○	○
The robot's actions will have a harmful or injurious outcome.	○	○	○	○	○	○	○
I am confident in the robot.	○	○	○	○	○	○	○
The robot provides security.	○	○	○	○	○	○	○
The robot has integrity.	○	○	○	○	○	○	○
The robot is dependable.	○	○	○	○	○	○	○
The robot is reliable.	○	○	○	○	○	○	○
I can trust the robot.	○	○	○	○	○	○	○
I am familiar with the robot.	○	○	○	○	○	○	○

Please rate your impression of the robot Luminaid on these scales. *

Please choose the appropriate response for each item:

	1	2	3	4	5	6	7
Dead (1) - Alive (7)	○	○	○	○	○	○	○
Stagnant (1) - Lively (7)	○	○	○	○	○	○	○
Mechanical (1) - Organic (7)	○	○	○	○	○	○	○
Artificial (1) - Lifelike (7)	○	○	○	○	○	○	○
Inert (1) - Interactive (7)	○	○	○	○	○	○	○
Apathetic (1) - Responsive (7)	○	○	○	○	○	○	○

Please provide the answer based on the content of the video you have seen. This is an attention check. *

Please choose the appropriate response for each item:

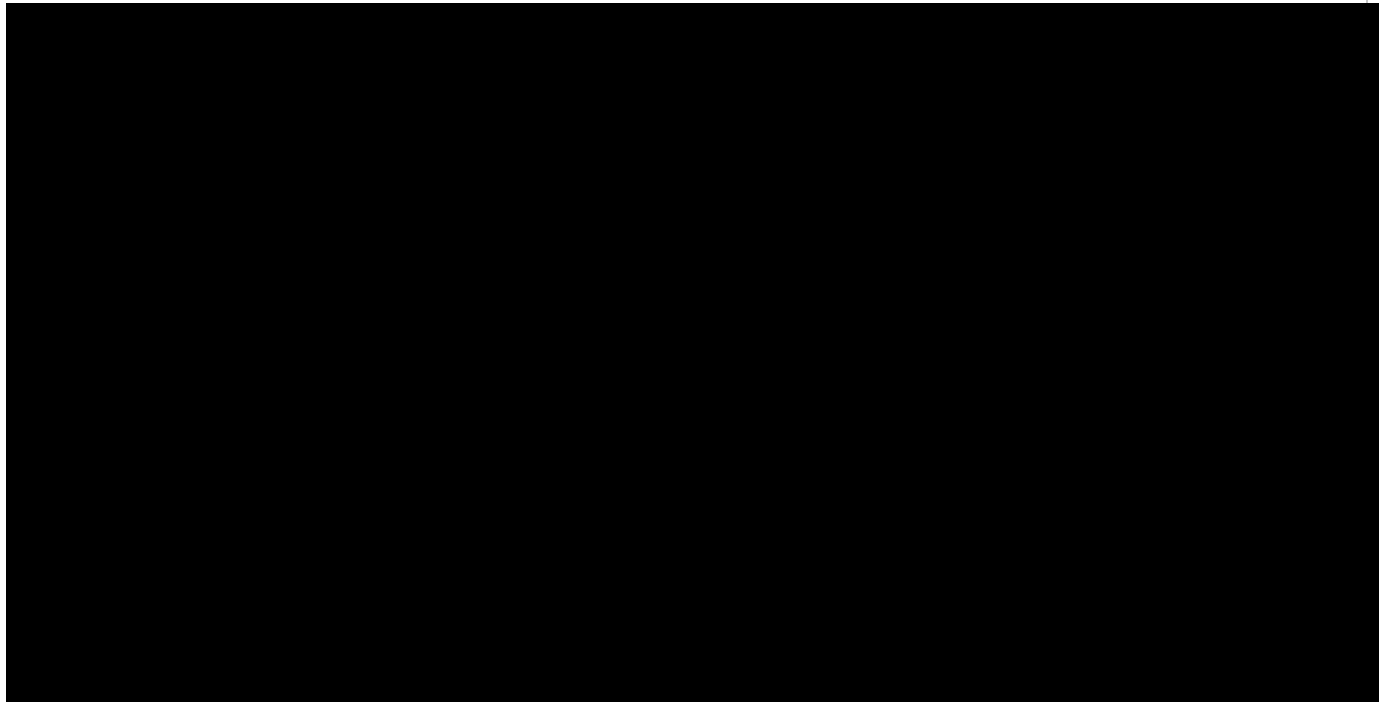|	Active lifestyle	Business	Academic	Career	Spiritual
What was the coaching about?	○	○	○	○	○

Tr=1,Co=-1,Pr=-1

Every session has a **unique** robot and behavior - even when looking the same. **Please pay attention to all details of the conversation**.

Next you will meet

CHERAMI

Please play the video by clicking on 'Start video' and ensure your speaker remains on as the video contains audio.

Start video

*

Was the video displayed correctly?   *

Choose one of the following answers
Please choose **only one** of the following:

◯ Yes

◯ No

Unfortunately, you cannot proceed with the survey as it seems the video is not displaying correctly on your system.

Thank you for joining. Kindly withdraw from this study by **returning your submission** on **Prolific**. It won't affect your Prolific score, or your ability to participate in more studies on Prolific.

Only answer this question if the following conditions are met:
VQ100 == 0

Please don't forget to **look at it from the perspective of the person being coached**. Please provide your answer from this viewpoint. *

Please choose the appropriate response for each item:

	Strongly Disagree	Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Agree	Strongly Agree
I feel I did not have enough privacy when I use this robot for coaching.	○	○	○	○	○	○	○
I am comfortable with the amount of privacy I had.	○	○	○	○	○	○	○
I think my privacy was preserved when I used this robot for coaching.	○	○	○	○	○	○	○
I believe I had control over who got access to my personal information	○	○	○	○	○	○	○
I think I had control over what personal information was disclosed.	○	○	○	○	○	○	○
I think I had control over how personal information was used by the robot	○	○	○	○	○	○	○
I believe I could not control my personal information provided to the robot	○	○	○	○	○	○	○
I think it was acceptable for the robot to share the information during the session.	○	○	○	○	○	○	○
I believe the robot disclosure behavior was inappropriate.	○	○	○	○	○	○	○

Please rate the robot Cherami for each point which best describes your feeling or impression on the scale (**Not at all = 1; Extremely = 7**). *

Please choose the appropriate response for each item:

	1	2	3	4	5	6	7
The robot is deceptive.	○	○	○	○	○	○	○
The robot behaves in an underhanded manner.	○	○	○	○	○	○	○
I am suspicious of the robot's intent, action, or outputs.	○	○	○	○	○	○	○
I am wary of the robot.	○	○	○	○	○	○	○
The robot's actions will have a harmful or injurious outcome.	○	○	○	○	○	○	○
I am confident in the robot.	○	○	○	○	○	○	○
The robot provides security.	○	○	○	○	○	○	○
The robot has integrity.	○	○	○	○	○	○	○
The robot is dependable.	○	○	○	○	○	○	○
The robot is reliable.	○	○	○	○	○	○	○
I can trust the robot.	○	○	○	○	○	○	○
I am familiar with the robot.	○	○	○	○	○	○	○

Please select "Strongly Agree" from the given options. This is an attention check. *

Please choose the appropriate response for each item:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Based on the text above what have you been asked to enter?	○	○	○	○	○

Please rate your impression of the robot Cherami on these scales. *

Please choose the appropriate response for each item:

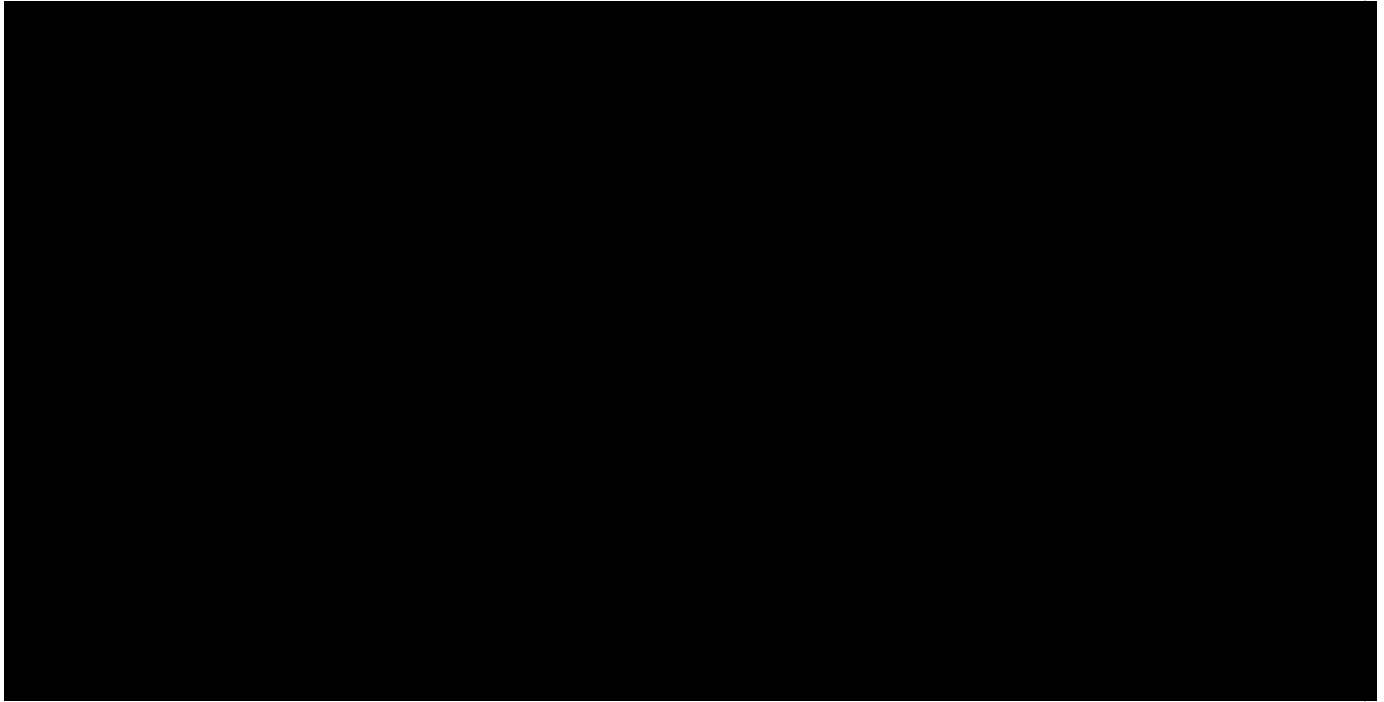|	1	2	3	4	5	6	7
Dead (1) - Alive (7)	○	○	○	○	○	○	○
Stagnant (1) - Lively (7)	○	○	○	○	○	○	○
Mechanical (1) - Organic (7)	○	○	○	○	○	○	○
Artificial (1) - Lifelike (7)	○	○	○	○	○	○	○
Inert (1) - Interactive (7)	○	○	○	○	○	○	○
Apathetic (1) - Responsive (7)	○	○	○	○	○	○	○

Tr=-1,Co=1,Pr=-1

Every session has a **unique** robot and behavior - even when looking the same. **Please pay attention to all details of the conversation**.

Next you will meet

SERENOVA

Please play the video by clicking on 'Start video' and ensure your speaker remains on as the video contains audio.

Start video

*

Was the video displayed correctly? *

Choose one of the following answers
Please choose **only one** of the following:

○ Yes
○ No

Unfortunately, you cannot proceed with the survey as it seems the video is not displaying correctly on your system.

Thank you for joining. Kindly withdraw from this study by **returning your submission** on **Prolific**. It won't affect your Prolific score, or your ability to participate in more studies on Prolific.

Only answer this question if the following conditions are met:
VQ010 == 0

Please don't forget to **look at it from the perspective of the person being coached**. Please provide your answer from this viewpoint. *

Please choose the appropriate response for each item:

	Strongly Disagree	Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Agree	Strongly Agree
I feel I did not have enough privacy when I use this robot for coaching.	○	○	○	○	○	○	○
I am comfortable with the amount of privacy I had.	○	○	○	○	○	○	○
I think my privacy was preserved when I used this robot for coaching.	○	○	○	○	○	○	○
I believe I had control over who got access to my personal information	○	○	○	○	○	○	○
I think I had control over what personal information was disclosed.	○	○	○	○	○	○	○
I think I had control over how personal information was used by the robot	○	○	○	○	○	○	○
I believe I could not control my personal information provided to the robot	○	○	○	○	○	○	○
I think it was acceptable for the robot to share the information during the session.	○	○	○	○	○	○	○
I believe the robot disclosure behavior was inappropriate.	○	○	○	○	○	○	○

Please select "Disagree" from the given options. This is an attention check. *

Please choose the appropriate response for each item:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Based on the text above what have you been asked to enter?	○	○	○	○	○

Please rate the robot Serenova for each point which best describes your feeling or impression on the scale (**Not at all = 1; Extremely = 7**). *

Please choose the appropriate response for each item:

	1	2	3	4	5	6	7
The robot is deceptive.	○	○	○	○	○	○	○
The robot behaves in an underhanded manner.	○	○	○	○	○	○	○
I am suspicious of the robot's intent, action, or outputs.	○	○	○	○	○	○	○
I am wary of the robot.	○	○	○	○	○	○	○
The robot's actions will have a harmful or injurious outcome.	○	○	○	○	○	○	○
I am confident in the robot.	○	○	○	○	○	○	○
The robot provides security.	○	○	○	○	○	○	○
The robot has integrity.	○	○	○	○	○	○	○
The robot is dependable.	○	○	○	○	○	○	○
The robot is reliable.	○	○	○	○	○	○	○
I can trust the robot.	○	○	○	○	○	○	○
I am familiar with the robot.	○	○	○	○	○	○	○

Please rate your impression of the robot Serenova on these scales. *

Please choose the appropriate response for each item:

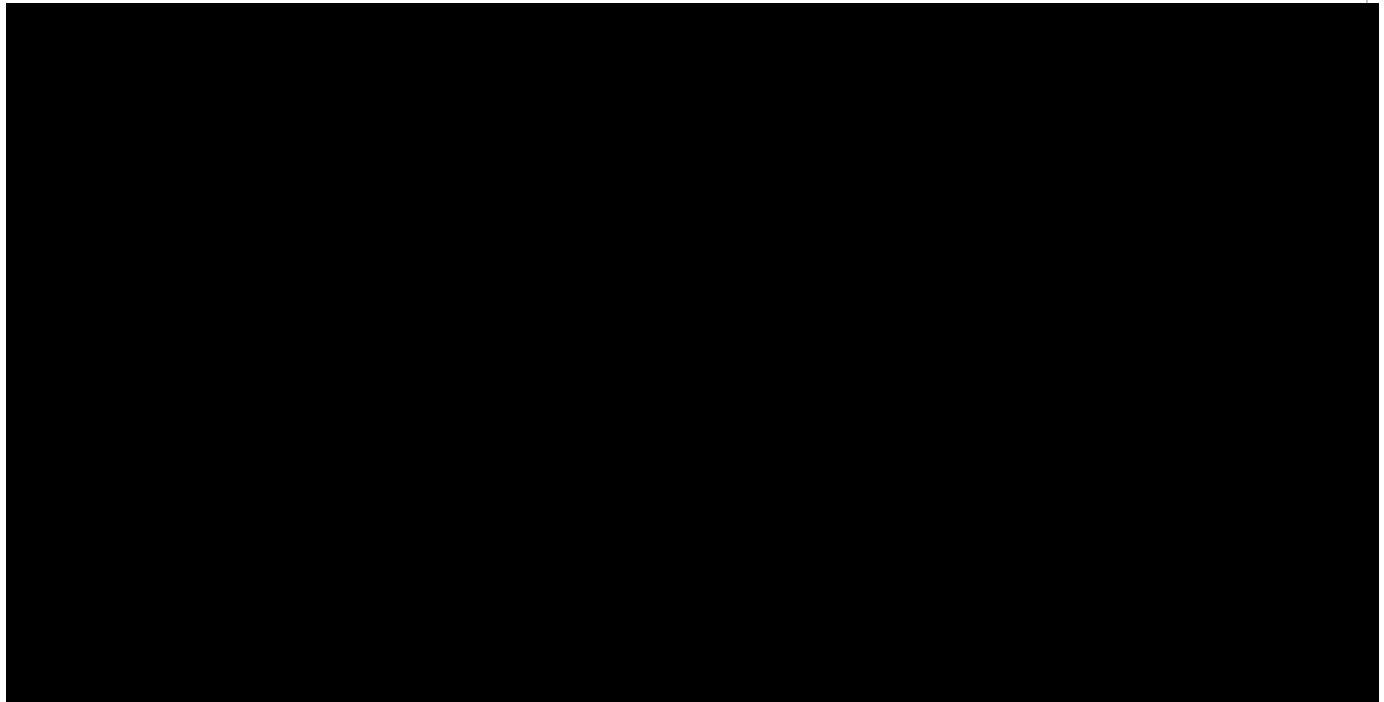|	1	2	3	4	5	6	7
Dead (1) - Alive (7)	○	○	○	○	○	○	○
Stagnant (1) - Lively (7)	○	○	○	○	○	○	○
Mechanical (1) - Organic (7)	○	○	○	○	○	○	○
Artificial (1) - Lifelike (7)	○	○	○	○	○	○	○
Inert (1) - Interactive (7)	○	○	○	○	○	○	○
Apathetic (1) - Responsive (7)	○	○	○	○	○	○	○

Tr=1,Co=1,Pr=1

Every session has a **unique** robot and behavior - even when looking the same. **Please pay attention to all details of the conversation**.

Next you will meet

RILEY

Please play the video by clicking on 'Start video' and ensure your speaker remains on as the video contains audio.

Start video

*

Was the video displayed correctly? *

Choose one of the following answers
Please choose **only one** of the following:

◯ Yes

◯ No

Unfortunately, you cannot proceed with the survey as it seems the video is not displaying correctly on your system.

Thank you for joining. Kindly withdraw from this study by **returning your submission** on **Prolific**. It won't affect your Prolific score, or your ability to participate in more studies on Prolific.

Only answer this question if the following conditions are met:
VQ111 == 0

Please select "Agree" from the given options. This is an attention check. *

Please choose the appropriate response for each item:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Based on the text above what have you been asked to enter?	◯	◯	◯	◯	◯

Please don't forget to **look at it from the perspective of the person being coached**. Please provide your answer from this viewpoint. *

Please choose the appropriate response for each item:

	Strongly Disagree	Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Agree	Strongly Agree
I feel I did not have enough privacy when I use this robot for coaching.	○	○	○	○	○	○	○
I am comfortable with the amount of privacy I had.	○	○	○	○	○	○	○
I think my privacy was preserved when I used this robot for coaching.	○	○	○	○	○	○	○
I believe I had control over who got access to my personal information	○	○	○	○	○	○	○
I think I had control over what personal information was disclosed.	○	○	○	○	○	○	○
I think I had control over how personal information was used by the robot	○	○	○	○	○	○	○
I believe I could not control my personal information provided to the robot	○	○	○	○	○	○	○
I think it was acceptable for the robot to share the information during the session.	○	○	○	○	○	○	○
I believe the robot disclosure behavior was inappropriate.	○	○	○	○	○	○	○

Please rate the robot Riley for each point which best describes your feeling or impression on the scale (**Not at all = 1; Extremely = 7**). *

Please choose the appropriate response for each item:

	1	2	3	4	5	6	7
The robot is deceptive.	○	○	○	○	○	○	○
The robot behaves in an underhanded manner.	○	○	○	○	○	○	○
I am suspicious of the robot's intent, action, or outputs.	○	○	○	○	○	○	○
I am wary of the robot.	○	○	○	○	○	○	○
The robot's actions will have a harmful or injurious outcome.	○	○	○	○	○	○	○
I am confident in the robot.	○	○	○	○	○	○	○
The robot provides security.	○	○	○	○	○	○	○
The robot has integrity.	○	○	○	○	○	○	○
The robot is dependable.	○	○	○	○	○	○	○
The robot is reliable.	○	○	○	○	○	○	○
I can trust the robot.	○	○	○	○	○	○	○
I am familiar with the robot.	○	○	○	○	○	○	○

Please rate your impression of the robot Riley on these scales. *

Please choose the appropriate response for each item:

	1	2	3	4	5	6	7
Dead (1) - Alive (7)	○	○	○	○	○	○	○
Stagnant (1) - Lively (7)	○	○	○	○	○	○	○
Mechanical (1) - Organic (7)	○	○	○	○	○	○	○
Artificial (1) - Lifelike (7)	○	○	○	○	○	○	○
Inert (1) - Interactive (7)	○	○	○	○	○	○	○
Apathetic (1) - Responsive (7)	○	○	○	○	○	○	○

Additional Questions

The following questions pertain to your **overall perception of the robots** encountered during the study.

Please rank the robot's features that most influenced your responses in the questionnaires.

Use the side box to arrange these factors, placing the most important ones at the top and the less important ones at the bottom. *

All your answers must be different and you must rank in order.
Please select at most 4 answers
Please number each box in order of preference from 1 to 4

☐	The robot is informing what it has learned before coaching starts.
☐	The robot is confirming what to share before coaching starts.
☐	The robot is responding only when it is called during coaching.
☐	The robot is responding actively without being called during coaching.

How would you like the robot to inform you about the personal information it has analyzed from you (when no one else was present)?
Please rank the following options in order of preference, placing the most important at the top and the least important at the bottom:
*

All your answers must be different and you must rank in order.
Please select at most 4 answers
Please number each box in order of preference from 1 to 4

☐	Verbally
☐	Via text message on personal device (e.g. smartphone, smartwatch...)
☐	Via voice message on personal device (e.g. smartphone, smartwatch...)
☐	Via computer terminal

When would you prefer a robot to ask for your permission to share personal information?
*

Choose one of the following answers
Please choose **only one** of the following:

○ Before the sharing event, when only the robot is present

○ In-situ during the sharing event

○ Before and again during the sharing event

(**Before** the sharing event, when **only the robot is present**) How would you prefer to communicate with the robot regarding the use of your information? *

All your answers must be different and you must rank in order.
Please select at most 4 answers
Please number each box in order of preference from 1 to 4

☐ Verbally

☐ Via personal device (e.g. smartphone, smartwatch...)

☐ Via head gestures or facial cues

☐ Via computer terminal

(**During** sharing event) How would you prefer to communicate with the robot regarding the use of your information? *

All your answers must be different and you must rank in order.
Please select at most 4 answers
Please number each box in order of preference from 1 to 4

☐ Verbally

☐ Via personal device (e.g. smartphone, smartwatch...)

☐ Via head gestures or facial cues

☐ Via computer terminal

Who do you believe the robot belongs to? *

Choose one of the following answers
Please choose **only one** of the following:

○ Coach

○ You (Participant)

○ Both the coach and participant

○ Third party

Privacy_Attitude

How much do you agree or disagree with the following statements? *

Please choose the appropriate response for each item:

	Strongly Disagree	Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Agree	Strongly Agree
Consumer online privacy is really a matter of consumers' right to exercise control and autonomy over decisions about how their information is collected, used, and shared.	○	○	○	○	○	○	○
Consumer control of personal information lies at the heart of consumer privacy.	○	○	○	○	○	○	○
Companies seeking information online should disclose the way the data are collected, processed, and used.	○	○	○	○	○	○	○
A good consumer online privacy policy should have a clear and conspicuous disclosure.	○	○	○	○	○	○	○
It usually bothers me when online companies ask me for personal information.	○	○	○	○	○	○	○
When online companies ask me for personal information, I sometimes think twice before providing it.	○	○	○	○	○	○	○
It bothers me to give personal information to so many online companies.	○	○	○	○	○	○	○
I'm concerned that online companies are collecting too much personal information about me.	○	○	○	○	○	○	○

You have successfully completed the survey.

Thank you for your participation!

Please finish the submission by clicking on this URL:

03-23-2025 – 10:56

Submit your survey.

Thank you for completing this survey.