Informed Consent

You are invited to participate in a research study about whether individuals can correctly decide whether a prompt was written by a human or a machine. This study is designed to help us to better understand the limitations of machines to produce humanlike answers.

KEY INFORMATION: This form seeks your consent to participate in research. Your participation is voluntary. The research is evaluating whether individuals can correctly tell the difference between human-written and machine-written answers. You are asked to complete a survey in which you decide whether a machine or a human wrote an answer. You will then answer some questions about yourself. The study should take no less than 1 hour. There are no reasonably foreseeable risks.

 The primary investigator is Tia Larsen-Calcano, from the Department of Psychology at the University of Alabama at Huntsville. She is being supervised by Dr. Nate Tenhundfeld also from the Department of Psychology at the University of Alabama at Huntsville. They are assisted in data collection by several graduate and undergraduate students.

PROCEDURE TO BE FOLLOWED IN THE STUDY: Participation in this study is completely voluntary. Once consent is given; you will identify whether answers to various questions were written by a human or by a machine. Afterwards, you will answer some questions about yourself and how you use technology. This session will take no more than 1 hour.

DISCOMFORTS AND RISKS FROM PARTICIPATING IN THIS STUDY: There are no reasonable, foreseeable risks involved in this study for most individuals. With that being said, if you are particularly sensitive to light, you should not participate in our study.

EXPECTED BENEFITS: There are no direct benefits to you for participating, but you will be contributing to the researcher's knowledge of AI chat-bot performance. Please see the section below for incentives and compensation for participation in this study.

INCENTIVES AND COMPENSATION FOR PARTICIPATION: Participation in this study will result in 2 research credits or course credit at the discretion of your course instructor. Participation entirely optional and alternative options for course credit is available through

alternative studies or non-research alternatives made available through your course instructor.

CONFIDENTIALITY OF RESULTS: Participant numbers will be used to record your data, and these numbers will be made available only to those researchers directly involved with this study, thereby ensuring strict confidentiality. No physical copies of this consent form will be made. The data from your session will only be released to those individuals who are directly involved in the research and only using your participant number.

FREEDOM TO WITHDRAW: You are free to withdraw from the study at any time. You will not be penalized because of withdrawal in any form. Investigators reserve the right to remove any participant from the session without regard to the participant's consent.

CONTACT INFORMATION: If you have any questions, please stop this survey and email the researchers prior to proceeding. If you have questions later on, you may contact the Principal Investigator Tia Larsen-Calcano by email (tc0124@uah.edu) or the faculty supervisor Dr. Nathan Tenhundfeld, at 256.824.2318 or at nlt0006@uah.edu. If you have questions about your rights as a research participant, or concerns or complaints about the research, you may contact the Office of the IRB (IRB) at 256.824.6992 or email the IRB chair Dr. Ann Bianchi at irb.@uah.edu.

This study was approved by the Institutional Review Board at UAH and will expire in one year from .

 If you understand this consent form and consent to participate in our study, please answer the following questions:

Have you read and fully understand the information provided to you above?

○ No
○ Yes

Do you consent to participate in this study?

○ No
○ Yes

Please sign below.

×   **SIGN HERE**

clear

0 1 0 0 0 0

CAPTCHA and Demographics

Please complete the below
reCAPTCHA verification.

☐ I'm not a robot

reCAPTCHA
Privacy - Terms

What is your gender?

○ Male

○ Female

○ Non-binary / third gender

○ Prefer not to say

What is your household annual income?

○ $0 -$20,000

○ $20,001 - $40,000

○ $40,001 - $60,000

○ $60,001 - $80,000

○ $80,001 +

What is your education level?

○ Some high school

○ High school diploma/GED

○ Some college

○ Associate's Degree

○ Bachelor's Degree

○ Master's Degree

○ Doctorate Degree

What is your ethnicity?

○ White

○ Black or African American

○ American Indian or Alaska Native

○ Asian

○ Native Hawaiian or Pacific Islander

○ Other

What is your age?

○ Under 18

○ 18 - 24

○ 25 - 34

○ 35 - 44

○ 45 - 54

○ 55 - 64

○ 65 - 74

○ 75 - 84

○ 85 or older

Do you currently use Chat GPT or a similar AI-based chat tool?

○ Yes

○ No

How often do you use Chat GPT or a similar AI-based chat tool?

○ Never

○ Once a week

○ 2-3 times a week

○ 4-6 times a week

○ Daily

What do you use ChatGPT for? Select all that apply:

☐ Informational purposes

☐ Freelance work

☐ Work for a company

☐ School

☐ Fun/Entertainment

☐ [_____]Other:

Have you ever used ChatGPT?

○ No

○ Yes

Have you ever heard of ChatGPT?

○ No

○ Yes

TAM

Please answer the following based on whether you strongly agree (7) or strongly disagree (1) with the following statements on a Chat GPT or similar AI-based chat tool ("the

system").

	Strongly Disagree 1	2	3	4	5	6	Strongly Agree 7
I would find the system useful in my job.	O	O	O	O	O	O	O
Using the system enables me to accomplish tasks more quickly.	O	O	O	O	O	O	O
Using the system increases my productivity.	O	O	O	O	O	O	O
If I use the system, I will increase my chances of getting a raise	O	O	O	O	O	O	O
My interaction with the system would be clear and understandable.	O	O	O	O	O	O	O
It would be easy for me to become skillful at using the system.	O	O	O	O	O	O	O
I would find the system easy to use.	O	O	O	O	O	O	O
Learning to operate the system is easy for me.	O	O	O	O	O	O	O
Using the system is a bad/good idea.	O	O	O	O	O	O	O
The system makes work more interesting.	O	O	O	O	O	O	O
Working with the system is fun.	O	O	O	O	O	O	O
I like working with the system.	O	O	O	O	O	O	O
I have the resources necessary to use the system.	O	O	O	O	O	O	O
I have the knowledge necessary to use the system.	O	O	O	O	O	O	O
The system is not compatible with other systems I use.	O	O	O	O	O	O	O
A specific person (or group) is available for assistance with system difficulties.	O	O	O	O	O	O	O
I could complete a job or task using the system if there was no one around to tell me what to do as I go	O	O	O	O	O	O	O
I could complete a job or task using the system if I could call someone for help if I got stuck.	O	O	O	O	O	O	O
I could complete a job or task using the system if I had a lot of time to complete the job for which the software was provided.	O	O	O	O	O	O	O
I could complete a job or task using the system if I had just the built-in help facility for assistance.	O	O	O	O	O	O	O
I feel apprehensive about using the system.	O	O	O	O	O	O	O

	Strongly Disagree 1	2	3	4	5	Strongly Agree 6	7
It scares me to think that I could lose a lot of information using the system by hitting the wrong key.	○	○	○	○	○	○	○
I hesitate to use the system for fear of making mistakes I cannot correct.	○	○	○	○	○	○	○
The system is somewhat intimidating to me.	○	○	○	○	○	○	○
I intend to use the system in the next month.	○	○	○	○	○	○	○
I predict I would use the system in the next month.	○	○	○	○	○	○	○
I plan to use the system in the next month.	○	○	○	○	○	○	○

Intro Statement

Thank you for participating in this study. You will now be presented with a text sample and asked 2 questions.

1. Was the text sample written by a human or AI?
2. How confident are you in your answer on a scale of 0 - 100?

Sample Text 1

Sample Text 1

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100	
Click to write Choice 1												☐

Sample Text 2

Sample Text 3

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 3

Sample Text 2

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 4

Sample Text 4

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐
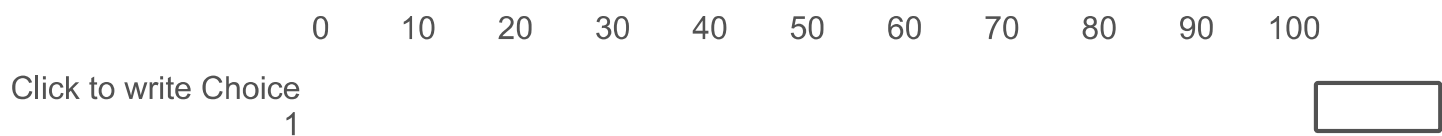
Sample Text 5

Sample Text 5

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100	
Click to write Choice 1												☐

Sample Text 6

Sample Text 6

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100	
Click to write Choice 1												☐

Sample Text 7

Sample Text 7

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100	
Click to write Choice 1												☐

Sample Text 8

Sample Text 8

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											

Sample Text 9

Sample Text 9

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											

Sample Text 10

Sample Text 10

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100

Click to write Choice
1

[   ]

Sample Text 11

Sample Text 11

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100

Click to write Choice
1

[   ]

Sample Text 12

Sample Text 12

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100

Click to write Choice
1

[   ]

Sample Text 13

Sample Text 13

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100	
Click to write Choice 1												☐

Sample Text 14

Sample Text 14

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 15

Sample Text 15

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 16

Sample Text 16

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100

Click to write Choice 1

Sample Text 17

Sample Text 17

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100

Click to write Choice 1

Sample Text 18

Sample Text 18

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100

Click to write Choice 1

Sample Text 19

Sample Text 19

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 20

Sample Text 20

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 21

Sample Text 21

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 22

Sample Text 22

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											
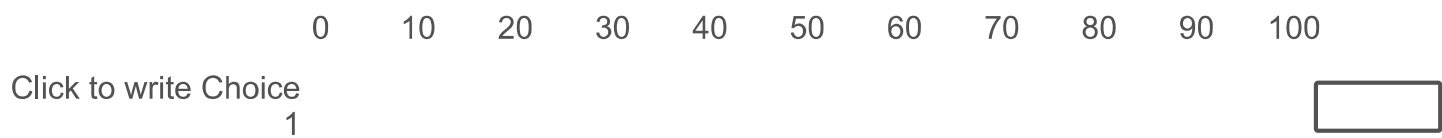
Sample Text 23

Sample Text 23

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											
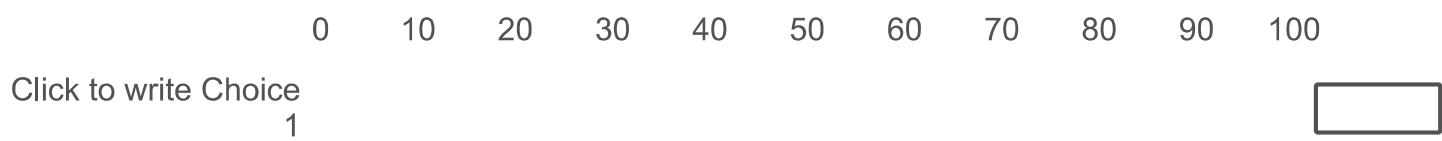
Sample Text 24

Sample Text 24

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											
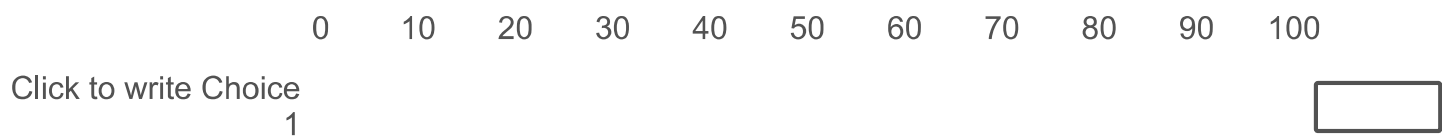
Sample Text 25

Sample Text 25

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐
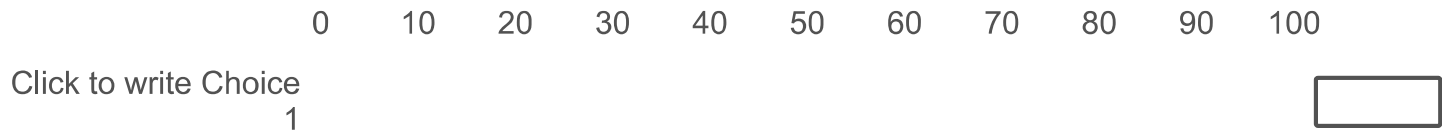
Sample Text 26

Sample Text 26

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐
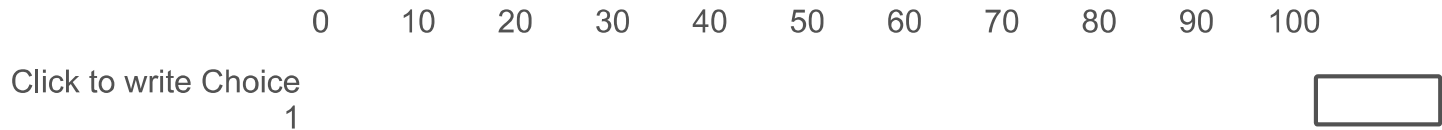
Sample Text 27

Sample Text 27

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 28

Sample Text 28

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 29

Sample Text 29

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 30

Sample Text 30

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 31

Sample Text 31

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 32

Sample Text 32

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Sample Text 33

Sample Text 33

○ AI

○ Human

How confident are you in your answer?

```
        0    10   20   30   40   50   60   70   80   90   100
```

Click to write Choice
1

Sample Text 34

Sample Text 34

○ AI

○ Human

How confident are you in your answer?

```
        0    10   20   30   40   50   60   70   80   90   100
```

Click to write Choice
1

Sample Text 35

Sample Text 35

○ AI

○ Human

How confident are you in your answer?

```
        0    10   20   30   40   50   60   70   80   90   100
```

Click to write Choice
1

Sample Text 36

Sample Text 36

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100

Click to write Choice 1

Sample Text 37

Sample Text 37

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100

Click to write Choice 1

Sample Text 38

Sample Text 38

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100

Click to write Choice 1

Sample Text 39

Sample Text 39

○ AI

○ Human

How confident are you in your answer?

0   10   20   30   40   50   60   70   80   90   100

Click to write Choice
1   [   ]

Sample Text 40

Sample Text 40

○ AI

○ Human

How confident are you in your answer?

0   10   20   30   40   50   60   70   80   90   100

Click to write Choice
1   [   ]

Sample Text 41

Sample Text 41

○ AI

○ Human

How confident are you in your answer?

0   10   20   30   40   50   60   70   80   90   100

Click to write Choice
1   [   ]

Sample Text 42

Sample Text 42

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											

Sample Text 43

Sample Text 43

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											

Sample Text 44

Sample Text 44

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											

Sample Text 45

Sample Text 45

○ AI

○ Human

How confident are you in your answer?

0   10   20   30   40   50   60   70   80   90   100

Click to write Choice 1   [   ]

Sample Text 46

Sample Text 46

○ AI

○ Human

How confident are you in your answer?

0   10   20   30   40   50   60   70   80   90   100

Click to write Choice 1   [   ]

Sample Text 47

Sample Text 47

○ AI

○ Human

How confident are you in your answer?

0   10   20   30   40   50   60   70   80   90   100

Click to write Choice 1   [   ]

Sample Text 48

Sample Text 48

○ AI

○ Human

How confident are you in your answer?

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Attention 1

This is an attention check. Please move the slider to 75.

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Attention 2

This is an attention check. Please move the slider to 25.

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

Attention 3

This is an attention check. Please move the slider to 100.

	0	10	20	30	40	50	60	70	80	90	100
Click to write Choice 1											☐

debrief statement

Thank you for participating.

CONTACT INFORMATION: If you have any questions, you may contact the Principal Investigator Tia Larsen-Calcano by email (tc0124@uah.edu) or the faculty supervisor Dr. Nathan Tenhundfeld, at 256.824.2318 or at nlt0006@uah.edu. If you have questions about your rights as a research participant, or concerns or complaints about the research, you may contact the Office of the IRB (IRB) at 256.824.6992 or email the IRB chair Dr. Ann Bianchi at irb.@uah.edu.