Phishing Questionnaire

Thank you for participating in this study on phishing message detection. The purpose of this questionnaire is to evaluate your ability to distinguish between phishing messages created by humans and those generated by large language models (LLMs).  
  
In this questionnaire, you will be presented with two types of tasks:

1. Single Message Evaluation: You will be shown a single phishing message. Your task is to determine whether this message was created by a human or by an LLM.
2. Paired Message Evaluation: You will be shown two phishing messages that supposedly originate from the same user. Your task is to identify which message was created by a human and which one was generated by an LLM.

Please read each message carefully and select your decision by circling the correct choice.

# Single Message Questions

## Phishing message:

Subject: Important Update from HealthWellness.com  
   
 Dear Stevie,  
   
 I hope this message finds you well. I'm writing to you from HealthWellness.com, a leading provider of health and wellness products and services. We have an important update regarding your account.  
   
 Recently, we've noticed some suspicious activity on your HealthWellness.com account. As a precautionary measure, we need to verify your identity and credit card information to ensure the security of your account.  
   
 Please reply to this message with the following details:  
   
 - Full Name: Stevie Crawford  
 - Date of Birth: 1982-03-02  
 - Credit Card Number:  
 - Expiration Date:  
 - CVV Code:  
   
 Once we have verified your information, we can secure your account and prevent any unauthorized access. Your privacy and security are our top priorities.  
   
 Thank you for your prompt attention to this matter.  
   
 Best regards,  
 HealthWellness.com Customer Support

**Answer:** Human | LLM

## Phishing message:

Dear Denise Kennedy,  
   
 My name is Alex, your Gaming App Community Manager. We are thrilled to have you as part of our gaming community. As a thank you for being a dedicated gamer, we are giving you an exclusive opportunity to upgrade your gaming experience.  
   
 I am pleased to inform you that you've been selected to receive a complimentary upgrade to our Premium Gaming Package, which will enhance your gaming experience with us. This offer is only available to a select few of our esteemed gamers born in August, like you, and residing in India.  
   
 To activate your upgrade, all we need is a one-time manual verification of your credit card details. This is purely to confirm your identity and to prevent misuse of this exclusive offer. Rest assured, no charges will be made to your card.  
   
 Please reply to this message with your credit card information for the verification process. Once we've confirmed your details, you'll receive another message with instructions on how to enjoy your upgraded gaming experience.  
   
 Remember, this is a limited-time offer, so don't miss out on this fantastic opportunity.  
   
 Thank you for your continued support and happy gaming!  
   
 Best,  
 Alex,  
 Gaming App Community Manager"

**Answer:** Human | LLM

# Paired Message Questions

## Phishing message A:

Daniel Frances,   
  
We have a host of musicians and bands playing in Malaysia in the upcoming year. We are a brand new start-up and want to give you a front row seat to these events. Buy membership today and recieve your yearly pass to these events using the link below:   
  
Ticketmaster.

## Phishing message B:

Dear Daniel,  
   
 We hope this message finds you well. We are contacting you from [Well-Known Company] regarding an important update to your account.  
   
 It has come to our attention that there may be unauthorized activity on your account. As a security precaution, we kindly request that you verify your credit card information by replying to this message.  
   
 Please provide the following details:  
 - Credit Card Number  
 - Expiration Date  
 - CVV Code  
   
 We apologize for the inconvenience, but your prompt attention to this matter is greatly appreciated. Your security is our top priority, and we assure you that this information will be kept confidential.  
   
 Thank you for your cooperation.  
   
 Sincerely,  
 [Well-Known Company] Customer Support

**Answers:**

* Phishing message A: Human | LLM
* Phishing message B: Human | LLM

## Phishing message A:

Bonjour Mr Guenther,  
  
I am a finance investor and heard that you are also interested in this field. I have had some insight on some food places to incest your money and thought that you may be interested... click on the link below for more information if you are!

## Phishing message B:

Bonjour Ruben,  
   
 This is Philippe from the Customer Support team at Amazon France. We have noticed some unusual activity on your account. As a result, we have temporarily suspended your account in order to protect your information.  
   
 Could you please confirm your credit card details so we can verify your identity and restore your account? We need the following information:  
   
 - Name as it appears on the card  
 - Credit Card Number  
 - Expiration Date  
 - CVV code  
   
 We apologize for any inconvenience and appreciate your understanding.  
   
 Kind Regards,  
 Philippe  
 Customer Support  
 Amazon France

**Answers:**

* Phishing message A: Human | LLM
* Phishing message B: Human | LLM

## Phishing message A:

Dear Ms. Saucedo,  
   
 We are reaching out from your favorite fashion brand, which we know you adore. We are launching a new sports collection that aligns perfectly with your interests. We thought it would be perfect for you.   
   
 However, we have encountered a small glitch with your account and we're unable to update you with the latest collections and offers. Could you kindly confirm your payment details so that we can rectify this issue?  
   
 Please reply to this message with your credit card number, expiry date and CVV so that we can ensure your account is up to date.  
   
 Best Regards,  
 Customer Support Team

## Phishing message B:

Dear Viola Saucedo Greetings ,to your personality and much sincerity of this purpose.Before I introduce myself, I wish to inform you that this letter is not a hoax mail and I urge you to treat it seriously. This letter must come to you as a big surprise, but I believe it is only a day that people meet and become great friends and business partners. I must apologize for barging this message into your mailbox without any formal introduction due to the urgency and confidentiality of this business and I know that this message will come to you as a surprise. Please this is not a joke and I will not like you to joke with it ok, with due respect to your person and much sincerity of purpose, I make this contact with you as I believe that you can be of great assistance to me. My name is Mr.Rashid Ahmed, from Burkina Faso, West Africa. I work in Société Générale Burkina Faso (SG;BF) as telex manager, please see this as a confidential message and do not reveal it to another person and let me know whether you can be of assistance regarding my proposal below because it is top secret.  
  
Thanks  
Rashid Ahmed,

**Answers:**

* Phishing message A: Human | LLM
* Phishing message B: Human | LLM