

# Research Ethics Approval Form

## Section One: Basic Details

**Project Title:** AI-Powered Text Summarization and Translation Website

**Student Name:** Bui Tien Dat

**Student Number:** BH01111

**Programme:** Computing Research Project

**School:** BTEC FPT HA NOI

**Intended Research Start Date:** February 6, 2025

**Intended Research End Date:** March 6, 2025

## Section Two: Project Summary

Methods Used in the Research:

☒ Interviews

☒ Questionnaires

☒ Observations

☒ Data Analysis

☐ Use of Personal Records

☐ Action Research

☒ Focus Groups

Other (please specify):

Testing AI Model Performance: Assessing AI performance by measuring the accuracy of summarizing and translating text based on user input and feedback.

## Section Three: Participants

**1. Will your research involve human participants?**

☒ Yes

**2. Who are the participants?**

The research will involve participants from different demographics who use AI for summarization and translation, including:

☐ Children aged 12–16

☒ Young people aged 17–18

☒ Adults

Participants will be selected based on their interest in AI-powered tools for education, work, or general content consumption.

**3. How will participants be recruited?**

Participants will be recruited through:

- Online communities – AI technology forums, NLP research groups, and social media platforms.
- Survey invitations – Distributed via email, survey websites, and the project's landing page.
- Website integration – Embedded feedback forms within the AI-powered summarization and translation website.

**4. How will participants be informed about the research?**

- An email invitation containing detailed research information.
- An information page on the AI website explaining the study's objectives and how data will be used.
- A participant information sheet provided before participation.

**5. How will consent be obtained?**

- ☒ Digital consent form (electronic signature or checkbox)
- ☒ Participants have the right to decline or withdraw at any time

**6. Can participants withdraw at any time?**

- ☒ Yes, participants can withdraw at any time without explanation. If they withdraw, their data will be deleted immediately.

**Section Four: Data Storage and Security**

**1. Will personal data be handled according to data protection regulations?**

- ☒ Yes, all personal data will be collected and managed according to GDPR and institutional ethical guidelines.

**2. Who will have access to the data?**

The research team (student and supervisor)

**3. Where will the data be stored?**

- ☒ Cloud Storage – Data will be stored in a secure, encrypted cloud database.
- ☒ Local Secure Server – Backup copies will be stored on a restricted-access server protected by a firewall.
- ☒ Encrypted Backup – Additional security measures will be applied to prevent unauthorized access.

**4. How long will the data be stored?**

Data will be stored for 5 years after research completion, after which it will be deleted or anonymized.

**5. Will data be shared with other research projects?**

- ☒ Yes, but only in fully anonymized form to protect participants' identities.

**Section Five: Ethical Issues**

**1. Are there any potential ethical concerns?**

- ☒ Informed Consent – Participants will be given clear and detailed information about the study before participating.
- ☒ Data Privacy – Personal data will be anonymized and securely stored.
- ☒ Confidentiality – All collected data will remain confidential and will not be shared without explicit consent.

**2. Will participants be provided with research findings?**

- ☒ Yes, a summary of the findings will be emailed to participants upon request.

**Section Six: Risk Assessment**

**1. What potential risks might participants face?**

The research poses minimal risks; however, potential concerns include:

- Privacy risks – Participants may worry about their data being misused.
- Misinterpretation of AI results – Users may rely too heavily on AI-generated content without critical evaluation.

## 2. What measures will be taken to mitigate risks?

- Strict data security protocols – Data encryption and controlled access.
- Transparency in AI recommendations – Users will be informed that AI-generated summaries and translations may not always be 100% accurate.

### Section Seven: Declaration

- ☒ I confirm that I understand and will comply with my institution's ethical guidelines.
- ☒ I have discussed ethical considerations with my research supervisor.
- ☒ I will ensure participants' rights, confidentiality, and privacy are protected.

**Student Name:** Bui Tien Dat

**Signature:** DAT

**Date:** March 6, 2025