

## Participant Information Sheet

Project Title: RECAS-0100-An integrated approach to feedback Automated peer and teacher feedback for improvement in writing Student Version  
SIT-IRB Application No.: RECAS-0100\_IRB\_Full\_Expd  
Principal Investigator's ("PI") Name and Contact Details:

### Instructions to Participant

Please read this Participant Information Sheet carefully and ask any question that you may have about this Research. Your participation is entirely voluntary. Your decision to participate (or not) will not affect any current or future status or relationship with the Singapore Institute of Technology ("SIT").

#### What is the investigational nature of this Research?

The investigational nature of this Research is...

The investigational nature of this Research is exploratory and evaluative of your learning experience with our pedagogical design. This project will collect the reader response written pieces that you produce during your taking of UCS1001 in trimester 1 Academic Year 2023-2024. In this module, you will be involved in the teaching and learning activities as per usual, including producing the assessments as per required in the module profile. Participation in this study involves you giving us consent (1) to collect your reader response assignment to assess how effective the pedagogical design of this module is and how you engage with the feedback in this assignment, (2) to fill in a survey on your perception of your learning experience, and (3) if you choose to, participate in a one-hour focus group discussion session.

#### What is the purpose of this Research?

The purpose of this Research is to assess the effectiveness of the pedagogical design that integrates automated, peer, and teacher feedback in helping students improve their writing skills.

#### Why have I been invited to take part in this Research?

You are invited to take part in this Research because you have the firsthand experience with this pedagogical design in your learning journey with this module. Hence, we would like to know how you feel about it, how you engage with the different types of feedback, and how effective they are in your learning.

#### How many participants will be involved in this Research?

The entire cohort will be invited for this Research (approximately 280-290 students).

#### What will I be expected to perform if I agree to participate in this Research?

If you agree to participate in this Research, you agree to: 1. let us use your learning artefacts (Reader Response assignment - drafts) 2. fill in a survey in week 6 3. participate in a one-hour focus group discussion (FGD), if you choose to

#### What are the foreseeable risks/discomforts/inconveniences arising from this Research?

There are no reasonably foreseeable risks, discomfort or inconveniences to a participant of this research study. The pedagogical design and assignment drafts to be collected are part of the module design and part of students' assessments. As for the survey and FGD session participation, the anticipated risk includes minor discomfort, such as tiredness, eye strain due to looking at the computer screen for a long time, physical discomfort due to poor sitting postures. To mitigate this, we limit the time to 20 mins for the survey and a maximum of one-hour per session for the FGD.

#### What are the expected benefits from participating in this Research?

The expected benefits from participating in this Research include: 1. Knowledge of AWE tool: Through this project, you will be introduced to AcaWriter, which is a tool that is not commonly nor commercially available to students. Unlike Grammarly or Quillbot, which many students are already using, AcaWriter provides feedback that is genre-specific and aims at teaching students the genre-appropriate rhetorical moves. This is something Grammarly or Quillbot cannot do. Hence, through this project, you will benefit from the familiarization with such a powerful AWE tool. 2. Increased feedback literacy: Through the pedagogical design of this project, you will be trained in how to give and respond to feedback (including responding to the automated feedback, and giving/responding to peer feedback). This training will enhance your metacognitive engagement with feedback and help you utilize it to improve their writing. 3. Improved writing skills: You will potentially benefit from the pedagogical design proposed in this project and improve their writing skills through, for example, enhanced understanding of rhetorical moves appropriate for the genre you are writing. 4. Strengthening their SITizen-DNA: Through the pedagogical design in this project, you are guided through a process of unlearning the old habit (of writing without a strong understanding of genre), learning to write in genre-appropriate and discipline-specific pieces, and relearning the power of AWE tools (beyond your usual engagement with tools such as Grammarly, etc) in enhancing your writing skills. 5. Reimbursement for your time: If you choose to also participate in the focus group discussion, you will be reimbursed for your time.

#### What are the compensation and treatment available if I suffer from an injury due to my participation in this Research?

During your participation in this Research, please follow the directions of the PI in charge of this Research at all times. If you feel any discomfort, please notify the PI immediately. In the event of injury arising from participation in this Research, compensation and treatment will be considered on a case-by-case basis. For more information regarding this Research and the rights of research participants, please contact SIT-IRB Secretariat by email: [irb@singaporetech.edu.sg](mailto:irb@singaporetech.edu.sg). By signing this Participant Consent Form, you will not waive any legal rights or release the researchers from liability for negligence.

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#### Will I incur any expense as a consequence of my participation in this Research?

No, there is no anticipated expense as a consequence of participation in this Research.

Will I receive any payment for my participation in this Research?

If you choose to participate in the one-hour Focus Group Discussion on Zoom, you will be reimbursed \$20 for your time.

Will the PI collect my personal data, health information or biological materials for this Research and how will the PI keep my personal data, health information or biological materials confidential?

**Note: In accordance with SIT's Research Data Management Policy, ALL research data shall be held for 10 years after publication or after the completion of the project, whichever is later.**

PI should provide answers to all of the followings and amend description to suit

(1) Personal Data:

Yes, Yes, Your name and Student ID number will be apparent on the LMS Dropbox when you submit your assignment drafts and in the survey you submit. The PI will download and remove any identifiable details and anonymize them before proceeding with data coding and analysis.

(2) Health information:

No health information will be collected.

(3) Biological materials:

No biological data will be collected.

(4) Whether your personal data, health information and/or biological materials will be disclosed in a publication or presentation?

No, they will not be disclosed in a publication or presentation.

(5) Records of this Research:

The records of this Research will be kept strictly confidential. All physical records will be kept in a locked file and all electronic information will be coded and secured through password encryption.

Will my personal data, health information and/or biological materials (as applicable) collected for this Research be used for future biomedical research?

No data will be collected for future biomedical research.

Will my biological materials collected for this Research be destroyed, discarded or stored for future biomedical research?

Not applicable. No biomedical materials collected.

Under what circumstances will I be contacted for further consent?

No, you will not be contacted for further consent.

Will I be re-identified in the case of an incidental finding?

No, i will not be re-identified in the case of an incidental finding

Can I withdraw my consent to participate in this Research?

You may withdraw your consent to participate in this Research at any time. Please contact [You may withdraw your consent to participate in this Research at any time. Please contact Asst. Prof. Rosmawati (rosmawati@singaporetech.edu.sg) if you wish to withdraw your consent. However, please note that your withdrawal of consent does not affect the research information obtained before your consent is withdrawn and such information may be retained and used for this Research.] if you wish to withdraw your consent.

However, please note that your withdrawal of consent does not affect the research information obtained before your consent is withdrawn and such information may be retained and used for this Research.

If I wish to obtain further information on this Research or provide feedback in relation to this Research, who should I contact?

Asst. Prof. Rosmawati at rosmawati@singaporetech.edu.sg