

UoW Malaysia KDU Penang University College Research Ethics Registration and Approval Form

Ethical category:

Red

Blue

Green

<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>

Section One: Registration *[To be completed by student]*

Title of research project/dissertation	Artificial intelligence based real time sign language to speech translation mobile application
Researcher's name	LAM E SHUEN
Programme of study	UCSE
Academic Year	YEAR 3
Module code	CCP3012
Supervisor's name	TAN PHIT HUAN
Second marker's name	DR. ANG SAU LOONG
Start Date of Project	14/09/2020

Brief outline of research topic:

The aim of this research topic is to develop a software that translates hand gestures viewed by a smart phone's camera into correct translations of the English language and output it as speech.

Short description of proposed research methods including identification of participants:

The proposed research method is using Prototyping Model methodology which will create an incomplete version of the product, analyse it, review it, and then rinse and repeat creating another prototype until a complete product is created.

Participants included are the developer of the proposed product.

Statement to explain how any issues identified above will be addressed and what steps will be taken to mitigate such risks or adverse impacts

Red	<input type="checkbox"/>	vulnerable participants; human tissue; sensitive data; risks to participants & researchers etc.
Blue	<input type="checkbox"/>	human participants requiring informed consent; commercially sensitive information etc.
Green	<input checked="" type="checkbox"/>	no participants involved; secondary data only; no sensitive data

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I have read the University College Ethics Policy and Procedures and confirm that the answers I have given above are correct. Where issues arise under items 5, 6, 7, 8, 9 or 10 [above] I have described in writing how I intend to approach these issues in the research.

Researcher's signature: LAM E SHUEN
Date: 10/11/2020

Section 1 Ethics Registration to be submitted to Principal Supervisor or Module Tutor and allocated to a reviewer as follows:

Green risk - may be approved by Supervisor

Blue risk - to be submitted for approval by one independent reviewer (second marker)

Red risk - to be submitted for approval by two independent members of Research Committee


Section Two: Approval

Supervisor/Module Tutor's name confirming ethical risk status	Tan Phit Huan
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Ethical approval [Please tick as appropriate]

Green - Ethical approval is given without conditions (supervisor may approve).	<input checked="" type="checkbox"/>
Blue – (to be approved by one independent reviewer) Ethical approval is given with the following conditions: * Information to be provided to all participants. * Participant consent to be obtained in accordance with the University College procedures. * Data to be stored and destroyed securely in accordance with University College guidelines. * Adherence to Data Protection Act. * Anonymity to be offered to participants. * Commercial confidentiality to be provided to organisations(s). * Software vulnerabilities, exploits, hazardous software etc. not to be published without prior 'responsible disclosure' to the affected supplier. * Other (please state):	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Red - Project is referred to Research Committee for approval by two independent reviewers.	<input type="checkbox"/>

Name & role of reviewer 1: Tan Phit Huan

Signature: 

Date: 16 Nov 2020

Name & role of reviewer 2: _____

Signature: _____

Date: _____

Outcome of Review:
