

Faculty of Environment

& Technology

Frenchay Campus

Coldharbour Lane

Bristol

BS16 1QY

Tel: 0117 328 1170

UWE REC REF No: FET.21.02.032

30th April 2021

Dito Eka Cahya

Dear Dito Eka

**Application title: Online User Study of Appropriate Robot Reaction to Error Situation in Human-Robot Collaboration**

Your ethics application has been considered by the Research Ethics Sub Committee and, based on the information provided, has been given ethical approval to proceed with the following conditions:

1. What form does the ‘personality profile’ take? Is this a standard test - please provide details?

The personality test that we are using is the variant of the Big Five Inventory (BFI) standard personality test, which is called the BFI-2-XS [1]. The BFI-2-XS contains 15 questions to assess the Big Five personality domains.

1. Are participants paid to take part? If so, how much, and when?

We are going to hire participants from [www.prolific.co](http://www.prolific.co), a GPRC-compliant, UK-Based online survey platform that pays participants at least minimum wage to take part in online participant studies. Based on our pilot study, each participant will take 20 minutes in average to finish the study. With £6 per hour wage, each participant will receive about £2. The payment will be given to the participant after we have confirmed that the participants response is valid.

1. The Participant Information Sheet (PIS) makes a statement about personal data, but all data gathered is anonymised (‘We will not be asking any questions that might identify you.’, ‘Your answers will be fully anonymised.’). What personal data is gathered?

The personal data gathered in the study is the Big Five personality domains, gender, and age.

1. Please proof read the PIS for grammatical errors.

The proof read version of the PIS is attached.

1. Please do not proceed with your research until you have full approval from the committee.

Please provide your responses on an annotated copy of this letter, and provide copies of revised documentation.

**Please note:** In light of the current situation regarding COVID-19, we can only authorise an immediate start for activities that do not breach either national laws or University policies (for further information please click on the following link [https://intranet.uwe.ac.uk/tasks-guides/Guide/research-and-enterprise-covid-19-information#part1](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fintranet.uwe.ac.uk%2Ftasks-guides%2FGuide%2Fresearch-and-enterprise-covid-19-information%23part1&data=02%7C01%7CLeigh.Taylor%40uwe.ac.uk%7Ce25d84c447a14c40bf1708d8660fac68%7C07ef1208413c4b5e9cdd64ef305754f0%7C0%7C0%7C637371564795692129&sdata=elRMujjXd38RfroyjsYvq8k0yO3VstVwKWcro9fslcg%3D&reserved=0)). In these uncertain times, law and policy may change swiftly and frequently.

We will, however, continue to scrutinise and grant ethical approval for activities that cannot take place at present, to ensure that once the situation changes and activities can go ahead, the research is not unnecessarily delayed.

What this means for your application:

1. If your application DOES NOT involve activities affected by the current crisis (e.g. online surveys or telephone interviews etc.) then you may start your research as soon as you receive formal notification of full ethical approval;
2. If your application DOES involve activities affected by the current crisis then you must not start your research until you are lawfully and safely able to do so, and when it does not breach the University’s policies.  This will affect the dates you have supplied on your application form in relation to start and finish.  When you have new dates, please write to us in order that we can add this information to your file.

If you are a doctoral student and this will affect your research timetable, please speak to your Director of Studies and the Graduate School for advice on how time delays will be supported by the University.

The Faculty Research Ethics Committees (FRECs) and Research Ethics Sub Committee (RESC) are here to advise researchers on the ethical conduct of research projects and to approve projects that meet UWE's ethical standards. Please note that we are unable to give advice in relation to legal issues, including health and safety, privacy or data protection (including GDPR) compliance. Whilst we will use our best endeavours to identify and notify you of any obvious legal issues that arise in an application, the lead researcher remains responsible for ensuring that the project complies with UWE's policies, and with relevant legislation. If you need help please contact [safety@uwe.ac.uk](mailto:safety@uwe.ac.uk) (for Health and Safety advice), [dataprotection@uwe.ac.uk](mailto:dataprotection@uwe.ac.uk) (for data protection, GDPR and privacy advice) and the UWE Contracts Team (for contractual advice).

Yours sincerely



Dr Matthew Studley

Chair, Faculty Research Ethics Committee

c.c. Prof. Manuel Giuliani

[1] Soto, C. J., & John, O. P. (2017). Short and extra-short forms of the Big Five Inventory–2: The BFI-2-S and BFI2-XS. Journal of Research in Personality, 68, 69-81.