University of the West of England

BRISTOL

UWE BSc Digital Media/ Games Technology
Information Sheet

Student Researcher:	Tahir Serali
Project Title:	Investigating if action video games dose improves someone's motor skills through repeated play.
Research Type:	Data collection

Project

Hello, my name is Tahir Serali, as part of my final year project at the University of the West of England, Bristol, I would like to invite you to take part in a research study. Before you decide to be a part of this project, please take the time to read and understand the information below carefully.

What is the aim of the research?

The research is looking to add or support the existing idea that playing an action video game can improve human motor skills. If you decide to participate, you would be using a computer program that records your reaction time data. The data could help shed some light on the negative assumptions of playing video games.

The results of the study will be analysed and included in a report, which could be stored by UWE's as references for future students. The results may also be used in conference papers and peer-reviewed academic papers and will stay Anonymous.

Why have I been invited to take part?

For this project, human reaction time is needed for the research study. You have been chosen because of two reasons. The first reason is that you do or don't play video games, this is to find and compare the results between the two groups. The second reason is that your age is 18 or over. The age has been set this way as a younger audience may need a different mythology regarding the collection of the research. To gather the data, you would be given a computer program to play, this will only collect basic inputted information and the reaction times.

Do I have to take part?

The decision to take part in the research is completely voluntary. If you decide to take part a copy of this information sheet along with a signed consent form will be given to you to keep. If for any reason you would like to withdraw as a participant after agreeing to be one, this has to be done within 7 days after you have signed the consent form.

Please note: If you what to withdraw or have any queries, such as you have missed the time frame, please use the contact details section.

What will happen to me if I take part and what do I have to do?

If you decided to take part in the project you would be given a computer program to run, that plays as a constant runner game. Once pressing 'Start'. You enter the game.

When in the game, a prompt to press a key will be displayed on screen to dodge the incoming obstacle. You will have to press that key as fast as you can, the time that it was press will be captured as your reaction time. You will have a very small amount of time to before the option to press that key is gone. Depending if you press or don't press the key different actions will happen. This will happen 12 times, with 2 of them being practice attempts.

Before you start the program please get an adequate amount of sleep and don't take any type of substance(s) that would affect or impede your body which could tamper with the study, anything that isn't medically prescribed. The substance (s) could include alcohol, energy drinks, caffeine or etc, within a 24-hour time period or until the substance(s) has left you system. If you have any questions, please contact us using the contact details section.

More or less the same information will be given to you again when receiving the program.

What are the benefits of taking part?

From the research obtained using this study more games could adopt this kind of gameplay. This could go towards helping people regain lost motor skills by retraining them with specific type of action video games.

What are the possible risks of taking part?

Taking part in this project will not require you to do anything that will put you in any physical or mental risks. The most significant risks that could happen are hand cramps or straining your eyes, however, these risks are easy to avoid and the project has been carefully considered and constructed to prevent risks from taking place.

What will happen to your information?

All the information we receive from you will be treated in the strictest confidence.

All the information that we collect will be kept confidential and anonymous until the end of the project of academic year, 2020 - 2021. The only circumstance where we may not be able to keep your information confidential is if something that raises medical concerns, or if the information gathered maybe under investigation, for example if the data was being forged. The anonymous data will be transferred on Microsoft excel as a secondary backup. The University of West of England may store this academic reasons. Once the project has been completed the online storage that would have been used to collect all of the data will be deleted.

Where will the results of the research study be published?

The results will be formatted into a report and be stored on university hard drives as evidence or as a guide for future students. You results will be referred by the group you were categorised in to, with an assigned number id.

If You would like a copy of the report that will contain the results, please contact project lead (me) to know that you would like one and a pdf copy can be sent to you via email.

Who has ethically approved this research?

The project has been reviewed and approved by Simon Emberton. Any comments, questions or complaints about the ethical conduct of this study can be addressed to the Research Ethics Committee at the University of the West of England at:
Researchethics@uwe.ac.uk

What if something goes wrong?

If you have any concerns, queries and/or complaints please use the contact details section, we will aim to get back to you within 3 days (3 working days for supervisor). If referring to the project in anyway, contacting the lead member (me) will be the best way for your query to be answered. Please note: if we don't get back to you within 3 days (3 working days for supervisor), we either haven't gotten to your query yet or it's taking time to answerer if so, we will contact you with an update.

Contact Details

If you would like to know more regarding your enrolment in the project, or any other questions please use the contacts below:

Project lead:

Name:	Tahir Serali
Email:	Tahir2.Serali@live.uwe.ac.uk

Alternatively, you can contact my UWE supervisor:

Name:	Simon Emberton
Email:	simon.emberton@uwe.ac.uk

Thank you for agreeing to take part in this study. You will be given a copy of this Participant Information Sheet and your signed Consent Form to keep.

"Please be aware that any email sent to either me or Simon Emberton should be answered within 3 working days."