# Study Information Sheet

**Study Title:** Interactive Expressive Eyes

PLEASE READ THIS SHEET IN ITS ENTIRETY

You are invited to take part in a study that is carried out as an experiment for the Dissertation Project (EMATM0055) of the MSc Robotics course. Before you decide whether to take part in, it is important for you to understand why the study is being done and what it will involve. Please read the following information carefully and if you have any queries or would like more information, please contact *Bahadır Batuhan Kaya* via the email address as follows [fp20987@bristol.ac.uk](mailto:fp20987@bristol.ac.uk)

**Who is organising the research?**

The project is led by *Bahadır Batuhan Kaya,* and *Dr Séverin Lemaignan* is the supervisor for this research. Please find their details at the end of this document.

**What is the aim of the research?**

The overall aim of the research is to answer the following question: *Can social rapport be built between people and a set of virtual eyes by having a human-computer interaction?*

Explanation: As humans, we all need to communicate and interact with others as it is the most fundamental need of a human being. While having an interaction, we also need to have a social rapport in order to complement and understand each other’s emotions, thoughts and even instantly changing moods if there are. Otherwise, it cannot be said that there is a proper interaction.

Although having a human-human interaction and communication can easily be obtained since people exist to communicate with each other, it is mostly hard to have a decent interaction between humans and computers. In accordance with this topic, this study seeks to understand and evaluate the emotional interaction between people and computers, especially a set of interactive virtual eyes, and furthermore, as the main goal of the research, observing whether a social rapport can be built.

**Do I have to take part?**

You do not have to take part in this research. It is up to you to decide whether or not you want to be involved. If you do decide to take part, you will be given a copy of this information sheet to keep and will be asked to sign a consent form. If you do decide to take part, you are free to stop and withdraw from the study at any time without giving a reason.

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

You will first be asked to sign a consent form, read a privacy notice, and provide some basic demographic information. You will then participate in an experiment which is about the interaction between the participant and the set of eyes reflected on a laptop screen. During the experiment, you will be asked to show different kinds of facial expressions depending on various emotions. At the end of the experiment, you will be given a questionnaire that you can fill out according to your experience. The study will take approximately 10 minutes.

Data will be gathered using the following methods:

**Questionnaires**

The questionnaire consists of the Anthropomorphismand the Likability parts of the God Speed Questionnaire, and a set of general questions which have a fundamental role in achieving the aim of the study.

**What are the possible risks of taking part?**

Since the experiment consists only of an interaction with a set of animated eyes that will be shown on a laptop screen, there are no possible risks of taking part In this study.

**What will happen to your information?**

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

All the information that you give will be kept confidential and anonymised. You will be assigned a participant ID that you can use to request the removal of your data from the study up to 7 days after completion of the experiment. After this point, the anonymised data will be analysed, and we will ensure that there is no possibility of identification or re-identification from this point.

Hard copy material (the consent form) will be kept in a locked and secure setting to which only the researcher will have access in accordance with the University’s and the Data Protection Act 2018 and General Data Protection Regulation (GDPR) requirements.

**Where will the results of the research study be published?**

The results of this usability study will be reported in the Results section of the dissertation report for the module EMATM0055 Dissertation.

**Who has ethically approved this research?**

The project has been reviewed and approved by the University of the West of England University Research Ethics Committee. 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](mailto:Researchethics@uwe.ac.uk)

**What if something goes wrong?**

If you have any questions about the ethical conduct of this research, have any complaints or concerns, or are uncertain about any aspect of your participation please contact the project supervisors or the University's research ethics committee.

**Project Supervisor:** Dr Séverin Lemaignan*,* [severin.lemaignan@uwe.ac.uk](mailto:severin.lemaignan@uwe.ac.uk)

**What if I have more questions or do not understand something?**

If you would like any further information about the research please contact in the first instance:

Bahadır Batuhan Kaya, [fp20987@bristol.ac.uk](mailto:fp20987@bristol.ac.uk)

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| 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. |