

# **Database Participant Information Sheet**

**Title of the study:** Does the speech recognition strengthen the interaction between the human and the robot?

**Title of the project:** Ada, the companion robot

**Promotor:** Universitat Politecnica de Catalunya

**Principal investigator:** Augustin Lambert

**Researchers:** Antoine Caytan, David Gaviria

**Center of affiliation:** Universitat Politecnica de Catalunya

**Place:** Live It Ramblas - Working Room - Carrer de la Unio 7, Barcelona

## 1) Introduction and Procedures

Dear Participant,

You are invited to participate in the creation of an audio database.

### a. Project Description

The aim of the project is to create a companion robot that serves as a distraction for a young adult interested in technology. It must be able to recognise certain key words. This is achieved by using machine learning models that require a database of examples to train this artificial intelligence.

### b. Participation Implication

Your participation in the project consists of recording yourself saying the different key words out loud. Your participation in this study is completely voluntary. You can decide whether or not to participate in this project. You can also withdraw your participation at any time by revoking your informed consent without affecting the study in any way. You have the option of choosing what happens to your data if you withdraw from the study, including its destruction.

c. Description of the Activity

What you are asked to do will take just over 5 minutes. It consists of 5 operations. In each operation, you are given a word. You will have to say this word out loud and repeat it for one minute. Be careful to leave a short silence of about half a second between each repetition of the word and not to go too fast. Try to change your intonation a little sometimes.

2) Nature of the Participation

a. Benefits

Participation in this audio database will allow researchers to train the model that Ada will be equipped with to be able to recognise speech.

b. Disseminations of the results

The only personal information that will be collected from each participant is their first and last name to prove their contentment. The recordings will then be anonymised. The audio files will never be published publicly but will be used by the project team to train the model.

3) Additional Information

You have the right to clarify all the doubts that are presented to you at any time, being able to request more detailed information about the investigation. For this you can contact the principal investigator or the responsible researcher who will be in the same room. If you consider that all doubts have been clarified and you are convinced to participate in this study, you can then sign the informed consent form here under.

#### 4) Informed Consent Form

I **declare** that I have read the Participants Information Sheet and that a copy has been given to me, that I have had sufficient time and been given the opportunity to ask questions, and that I have received sufficient information from the researcher, who has adequately informed me of the conditions of my participation in this database. I have been assured of the confidential treatment of my data.

I further **declare** that I understand that my participation is voluntary, so that I can withdraw from the operation freely, at any time and for any reason, and that:

☐ **I GIVE,**

☐ **I DO NOT GIVE,**

my consent to participate in the creation of that audio database that has been proposed to me.

**Date** and **Signature** of the participant: