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## Participant Information Sheet

### **Study title**

Dialogue Based Music Generation – An Explainable approach to Generative Music

### **Version number and date**

Version 1.0, 13/07/2022

### **Researcher's name**

Jashwanth Kumar Mohansundaram

Supervisor: Professor Nick Bryan-Kinns

### **Queen Mary Ethics of Research Committee reference number:**

QMERC20.565.DSEEC22.042

### **Invitation paragraph**

You are being invited to participate in a research study. Before you decide whether or not you wish to participate in this study, it is important for you to understand why the research is being done and what it will involve. Please take time to read the following information carefully and discuss it with others if you wish. Ask us questions if there is anything that is not clear or if you would like more information.

### **What is the purpose of the study and what would taking part involve?**

The purpose of this study is to evaluate the performance of the model. To gauge the effectiveness and the quality of the model, it is imperative to get human feedback.

Human participants will be used for evaluating the accuracy to which the model can produce a measure of music in response to the request. The survey will be a questionnaire consisting a series of questions which will enable me to evaluate the model's performance in a real-world situation. Using the data collected I can evaluate by calculating the statistics of the responses and provide a quantitative measure which best evaluates the performance of the model.

The data collected will be processed anonymously, and where personal information such as name comes up it will be replaced with a numerical ID to conceal identity. We may have to meet once in-person. The data collected will be purged within two months and there is no follow up after the information has been collected as long as it is satisfactory.

### **Why am I being invited?**

Any person who is above 18 years of age and is willing to participate in the survey is welcome.

### **Do I have to take part?**

This participant information sheet has been written to help you decide if you would like to take part. It is up to you whether you wish to take part. If you do decide to take part you will be free to withdraw at any time without needing to provide a reason, and with no penalties or detrimental effects.

### **What are the possible benefits of taking part?**

The projects' goal is to develop a model which generates music based on user-query. The user inputs his request into a chatbot and the model outputs music which resembles his request. The inner workings of an AI system is vague. XAI or Explainable AI is a relatively new field which aims to solve this and not much research has been carried out in this domain of study.

The focus of this research is to provide non-musical users a facility to create music through a model which allows them to describe their requirements for the music and as a result contribute to the explainability of AI systems.

### **What are the possible disadvantages and risks of taking part?**

No potential disadvantages.

### **Expenses and payments**

No Expenses will be incurred.

### **What information about me will you be collecting?**

Only the name will be collected automatically as it is an online form. The name, wherever it appears will be replaced with a unique number to conceal identity. This is the only personal information required. Apart from this, You will be asked to give feedbacks about the performance of the model.

### **How will my data be stored and who will have access to it?**

The Data collected will be stored on Queen Mary's cloud server. The researcher and the project supervisor will have access to it. Once my research is over and the participant is debriefed all data collected will be destroyed. The results of the study will be reported on the video presentation, in the viva if required and on my dissertation paper.

### **When and how will my data be destroyed?**

The data will be destroyed after 2 months from the date you filled the questionnaire. Upon request, the data will be purged completely without any drawbacks to you anytime.

### **How will my data be used and shared?**

Personal Information of any form collected will not be used anywhere. Upon request by authorities, the unique ID of the participant will be shown. The feedbacks collected about the model will be used for evaluating performance and will be published.

### **Under what legal basis are you collecting this information?**

Queen Mary University of London processes personal data for research purposes in accordance with the lawful basis of 'public task'.

Please read [Queen Mary's privacy notice for research participants](#) containing important information about your personal data and your rights in this respect. If you have any questions relating to data protection, please contact Queen Mary's Data Protection Officer, Queens' Building, Mile End Road, London, E1 4NS or [data-protection@qmul.ac.uk](mailto:data-protection@qmul.ac.uk) or 020 7882 7596.

### **What will happen if I want to withdraw from this study?**

Participants can ask for access to the information they provide and can request the destruction of that information if they wish at any time prior to submission of my dissertation. Following which you will not be able to request access to or withdrawal of the information they have provided. But the data will be purged automatically within two months of collection.

### **What should I do if I have any concerns about this study?**

If you have any concerns about the manner in which the study was conducted, in the first instance, please contact the researcher(s) responsible for the study [[Principal Investigator or Supervisor if you are a student](#)]. If you have a complaint which you feel you cannot discuss with the researchers then you should contact the Research Ethics Facilitators by e-mail: [research-ethics@qmul.ac.uk](mailto:research-ethics@qmul.ac.uk). When contacting the Research Ethics Facilitators, please provide details of the study title, description of the study and QMERC reference number (where possible), the researcher(s) involved, and details of the complaint you wish to make.

### **Who can I contact if I have any questions about this study?**

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