

Sterio

The future of radio: combining streaming services with the traditional radio

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Abstract: “Music streaming services are here to stay - their convenience, ease of use and viability allow millions around the globe to listen not only to their favorite songs but also to discover brand new artists that match their music taste. To many music listeners, however, traditional radio is still one of their favorite ways to listen to music, due to the human element of the company that is lost when using streaming services. Besides, traditional radio allows a quick obtainment of information during the broadcast, such as news, traffic information, and meteorology. We believe that the future of radio is to bring together the best aspects of each solution: the convenience of being able to choose what we want to hear from streaming services, and the company and information that a broadcaster allows on traditional radio stations. For this matter, we will study and develop a solution that aims to please those who love to listen to music.

This study was conducted within my thesis to obtain the master’s degree course in Computer Science and Engineering at Instituto Superior Técnico. All the data written here will be completed anonymously and will not be used for anything other than academic purposes.

The purpose of this diary study is to analyze the music streaming and terrestrial radio consumption habits of the participating users, so that we can develop an integrated and personalized experience that may be shared within small networks of friends and family.

Thank you for your collaboration!

- **Data gathering / consent form:** We will ask participants to sign a consent form (attached) that allows us to study users’ music consumption habits and use that data to create an interface targeted to them. All data will be anonymized, and any identifying user account names and images will be redacted.

CONSENT FORM

You are invited to take part in a research study supported by the Madeira Interactive Technologies Institute and Instituto Superior Técnico. Please read this form carefully and ask any questions you may have before agreeing to take part in this study. **If you have questions**, you may contact the Principal Investigator at miguelregouga@tecnico.ulisboa.pt. You will be given a copy of this form to keep for your records.

I, the undersigned, confirm that (please tick the box as appropriate):

I agree

1. I have read and understood the information about the research project, as provided in the Information.	
2. I have been given the opportunity to ask questions about the project and my participation.	
3. I voluntarily participate in the project.	
4. I understand I can withdraw my participation at any time without providing reasons. I will not be penalized for withdrawing or questioned about the reasons of my withdrawal. Upon withdrawing, I understand that my data will be destroyed.	
5. I understand my real name will NOT be collected, nor will it be used in reports, publications and other research outputs. No metadata will be collected so that nothing I have contributed to this project can be recognized and/or traced back to me/my organization.	
6. The procedures regarding confidentiality have been clearly explained (i.e., data anonymization, use of names and pseudonyms, 'no metadata' policy, no release to third parties).	
7. The use of the data in research, publications, sharing and archiving has been explained to me.	
8. I understand that other researchers will have access to this data only if they agree to the terms I have specified in this form.	
9. I understand that it is my right to sign this consent form with a pseudonym of my choice.	
10. I consent to this interaction being recorded for research purposes only.	
11. I, along with the Researcher, agree to sign and date this informed consent form.	

Participant

Name / Pseudonym

Signature

Date

Researcher

I declare that I have given a clear explanation of the research to be conducted. Should additional questions arise at any time, I will try to answer them to the best of my ability.

Name

Signature

Date