

# **CISC 699 Final Applied Project in Computer Information Sciences**

## **Ethical and Societal Effect**

**Project Title: MUSICON, a music player emulator**

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# Ethical and Societal Effects:

The ethical and societal effects simply mean a set of moral principles. Like any other Music Player application, MUSICON also influences human behavior and society's moral values. There are many positive effects like

*promoting diversity and inclusion:* MUSICON allows people to access music from all over the world, which can help to promote diversity and inclusion.

*Connecting people from different cultures:* Music players can provide a common ground for people from different cultures to connect and share enjoyment.

*No Exploitation of artists:* Music players can be used to exploit artists by not paying them fairly for their work.

*No Limiting access to music:* MUSICON has unlimited access to music for all people, such as those who cannot afford to purchase music or those who live in areas with limited internet access.

The following are the ethical points that MUSICON adheres to:

## *Techno Responsibility:*

The software will be developed and maintained with the highest standards of integrity, responsible behavior, and ethical conduct. The software will be managed by two types of users: Admins and Users. Each type of user will have their own unique login credentials, which will protect their data and access to the software. The software will meet industry standards and design patterns. The software testing cycles and evaluations will be free of any bias. The software will be free of bugs, viruses, and malware that might impact the existing infrastructure. The code will be free of copyright algorithms and patented designs.

## *Customer/Stakeholder Responsibility:*

The MUSICON application team is responsible for protecting data. The team must ensure that the software is secure and that the code, algorithms, and design cannot be reproduced without permission. The code and design are the sole property of the owner and Harrisburg University. The software must also credit all software, tools, and algorithms used, and ensure that there are no violations of intellectual property rights. Computing professionals should follow the Code of Ethics and contribute to improving it. If a computing professional recognizes a breach of the Code, they should take action to resolve the issue, which may include expressing their concerns to the person or persons thought to be violating the Code.

## *Environmental Responsibility:*

The software has no negative impact on the environment. It can be run on any device with minimal computing power, which means that it consumes very little energy. As a result, the software does not contribute to climate change or other environmental problems.