ENCS4310 (DSP) Course Project

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Abstract

In order to create an efficient method for encoding and decoding sentences and words into sound waves using Python, we investigate the field of digital signal processing in this project. Through the integration of methods from digital signal processing and communication technologies, the project seeks to offer a new perspective on information transfer.

# Introduction

The project's objective is to design a system for encoding and decoding information in an audible format by dealing with the interface of digital signal processing and communication technologies. The project explores the unique intersection between communication technologies and digital signal processing with the goal of offering a new perspective on information transfer.

# Problem Specification

The main technological issue this project attempts to solve is how to use digital signal processing to convert textual data into audio signals.

# References

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