## AI Song Charter

## Caleb McKinley 02-08-2024

## Description

An AI model that will take audio input from songs imported by the user. These files can be: .mp3, .mp4, .wav. etc. The model will process the input from the user and chart the song to the requested instrument by the user. The user should also have access to be able to set the difficulty that they want the song to be charted to. The model will only chart for one instrument at a time.

## Scope

**Chart Detection.** The AI model will create charts from scratch based on the users input songs.

Chart Refinement. To be implemented.

**Difficulty.** The AI model will create the charts strictly in expert.

**Instruments.** The AI model will implement the charts for only guitars.