Team Contributions: POC ScoreGen

Team #7, Tune Goons
Emily Perica
Ian Algenio
Jackson Lippert
Mark Kogan

This document summarizes the contributions of each team member up to the POC Demo. The time period of interest is the time between the beginning of the term and the POC demo.

1   Demo Plans

The Proof of Concept will be a demonstration of the team's ability to develop the most crucial aspect of the final product, which is to take in audio input and output the notes' pitches and lengths. This will be achieved by using a prepared audio file (in .wav or .mp4 format). The input signals will then be processed to identify note pitch, rhythm, and timing. Although the final product will include sheet music generation, this will not be demonstrated. The focus of the demonstration will lie with the proper transcription of notes that are input into the system through a pre-made audio file. Differentiating between similar pitches such as A# and Bb could be potentially difficult tasks. The Proof of Concept will help dispel concerns by allowing the team to show the product's potential for accurate signal processing. Given the ability to accurately process audio, the completion of the product will be simplified, as the focus can shift towards the construction of a user interface and adding features while optimizing performance and accuracy.

2 Team Meeting Attendance

Student	Meetings
Total	7
Jackson Lippert	7
Emily Perica	7
Ian Algenio	7
Mark Kogan	7

3 Supervisor/Stakeholder Meeting Attendance

Student	Meetings
Total	1
Jackson Lippert	1
Emily Perica	1
Ian Algenio	1
Mark Kogan	1

4 Lecture Attendance

Student	Lectures
Total	6
Jackson Lippert	1
Emily Perica	4
Ian Algenio	5
Mark Kogan	5

5 lecture issues in our kanban board.

5 TA Document Discussion Attendance

Student	Lectures
Total	3
Jackson Lippert	3
Emily Perica	3
Ian Algenio	2
Mark Kogan	3

Ian was not in Hamilton during the Oct 28 TA meeting.

6 Commits

Student	Commits	Percent
Total	65	100%
Jackson Lippert	17	26%
Emily Perica	24	37%
Ian Algenio	15	23%
Mark Kogan	17	26%

7 Issue Tracker

Student	Authored (O+C)	Assigned (C only)
Jackson Lippert	0	12
Emily Perica	61	12
Ian Algenio	1	12
Mark Kogan	2	10

8 CICD

As stated in the Development Plan document: CI/CD Workflow Will include the following Actions on Push/Pull Request:

- LaTeX to PDF converter

- PR naming convention enforcer

- Code packaged as an executable (To do)

- Linting (To do)

- Unit tests (To do)

Note that a PR may not be merged if any failures are present in the pipeline.