Task 1 – Mocking Bot

Welcome to Task 1 of Mocking Bot!!

This task is divided into two parts:

- Theory
- Practice

You will find the following files/folders in **Task 1** folder along with this **Read Me** file.

1. Task_Submission_Instructions: This file includes instructions for submission of Task 1.

2. **Theory:**

Please find the following files in this folder:

1. **Note Identification.pdf:** This includes tutorial based on musical note identification using python.

2. **Resources.pdf:** This includes links of video tutorials for various Frequency Detection methods and Onset Detection.

3. **Practice:**

Please find the following folders in this folder:

1. Workspace:

Please find the following files/folders in this folder:

a. **Task_1.1_Audio_files:** This folder includes test audio files of Task 1.1
b. **Task_1.2A_Audio_files:** This folder includes test audio files of Task 1.2A
c. **Task_1.2B_Audio_files:** This folder includes test audio files of Task 1.2B
d. **Task_1_1.py:** This file includes the outline of code for Task 1.1
e. **Task_1_2A.py:** This file includes the outline of code for Task 1.2A
f. **Task_1_2B.py:** This file includes the outline of code for Task 1.2B
g. **Test.py:** This file includes code for checking the output of Task
h. **Cardinal.pyc:** This file is used as a back-end support for Test.py file

2. Problem Statements

Please find following files in this folder:

a. **Task_1.1_Problem_Statement.pdf**
b. **Task_1.2A_Problem_Statement.pdf**
c. **Task_1.2B_Problem_Statement.pdf**