Faculty of Electrical Engineering and Computer Science

Testing Document Cover Page

Winter of 2022
EECS 2311 – Section Z, Lab 01
Software Development Project

Testing Document
Due Date: March 6, 2022,

Group Members (Name and Student ID)	
Aleksander Weinberger	**216627994**
Harsimran Saini	**215604960**
Chirag Sardana	**215225642**
David Hanna	**217009077**

Introduction

This document will provide the testing capabilities of the project. The important components that need to be tested are the GUI, Audio(play music capabilities). This will be done using JUnit 5 and run via the Gradle task.

Testing commands

GUI testing
- Test → buildPane()
    - Checking if the staff is appended to the scroll pane
- Test → ConstructBarLine()
    - Checking if the barline is constructed right after a measure
- Test → constructClef()
- Test → constructTimesig()
    - Checking the time sig
- Test → constructMeasureGrid()
    - Check to see if notes are placed on the right strings of the staff
- Test → staffHasSpace()
    - These were checks to make sure that measure can still fit on the staff and if not make a new staff

Play music Testing
- Test → playMusicSheetButtonHandle()
    - Checking to see if the music is played
- Test → pauseMusicSheetButtonHandle()
    - Checking to see if the music is paused

Saving Music sheet
- Test → saveMusicSheetButtonHandle()