**Student name: \_\_\_\_\_Charlotte Godley\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Semester: \_\_\_1\_\_ Week: \_10\_\_ Meeting number: \_\_\_6\_\_**

**Pre-meeting:**

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| **Achievements (relate to last week’s aims):**  **-** Researched XML searching: found SAX api which was originally for Java but is built in to python's XML lib: <https://wiki.python.org/moin/Sax> – provides a way to browse XML files without loading the entire thing into memory  - contacted owner of imslp.org in order to get an API account: public access available to only a full list of composers in the library, and a full list of works. This may provide a base to build around, but further access required for getting the musicXML files/more complex filtering. |
| **Reflection:** |

**At meeting:**

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| **Aims and objectives:** - develop an initial class around the SAX API which extracts selected metadata about the piece  - Try to have a clearer picture of rendering, and develop a potential architecture design of the classes necessary to hold all the information  - research MIDI in context with other OSS projects and look for libraries in python that help generate sound |
| **Other comments: *The aims and objectives defined in week 10 should be sufficient for two weeks’ work because HW is not in Hull week commencing 10 Nov.*** |