Goal:

Users can import and play music.

Make some bases of server.

SCRUM role:

Mason: P.O.

Liam: S.M.

Else & bosses: programmers

Group meeting time:

BE-340 after get your digital keys

McH Library before keys, location TBA

MWSa: 13:00-17:00

TTh: 09:00-12:30

TA1: M 15:15-15:45

TA2: Th 11:00-11:30

US & task list:

1. As a user, I can import music from my local disk. 15
   1. Read files with java.io.\*; 1hr
   2. Decode audio into arrays 3.5hr
   3. Load decoded arrays into software as timeline 4hr
2. As a user, I can know if a file is a valid audio or not. 36
   1. Read file header 2hr
   2. Validate file header 30min
3. As a user, I can play music in this software. 29
   1. Play music with FF-MPEG 7hr
4. As a developer, I want to make a valid socket client machine. 10
   1. Make a client machine which matches socket framework 2hr
   2. Make the client can send proper object as request to the server 2hr
5. As a developer, I want to make a valid socket server machine. 13
   1. Make a server machine which matches socket framework 3hr
   2. Make the server can receive proper object as request from the client 3hr
   3. Make a decoder 3hr
6. As a developer, I want to make a shell outside the core server. 29
   1. Make a shell 2hr
7. As a developer, I want to expose proper APIs to the Internet 19
   1. Decide what and which API we need to expose to Internet and how 2hr
   2. Make these APIs are able to be accessed right after sth come in from the open port 2hr