Sprint1 Backlog

Till the first sprint, we would like to implement the following functionalities:

1. Write html wireframe for:
    (1) login page (0.5h - Ru)
    (2) register page (0.5h - Ru)
    (3) home page (0.5h - Chuan)
    (4) album stream page (1 hour - Chuan)
    (5) edit album page (1 hour - Chuan)
    (6) create album popup (1 hour - Chuan)
    (7) add music popup (1 hour - Chuan)

Estimated timeline: 10.31

2. Setup the original model, according to the data model we made. (1 hour - Ru)

Estimated timeline: 11.1

3. Configure and deploy the database with postgres or mysql to be able to track the data model. (1 hour - Ru)

Estimated timeline: 11.1

4. Make forms for uploading medias, changing information, resetting password, registration, etc. from views aspect. (3 hours - Ru)

Estimated timeline: 11.2

5. Implement the functionality:
    (1) function related to album stream page (3 hour - Chuan)
    (2) functions related to edit album page (3 hour - Ru)

Estimated timeline: 11.2-11.3

6. Get access to some natural sounds as our pre-designed sounds for users. (1hour - Chuan)

Estimated timeline: 11.3

7. Learn WebGL (3 hours - Chuan, 3 hours - Ru)

Estimated timeline:11.4

8. UI design for Main pages, this includes the basic layouts of each main page we mocked up, home, album stream, create album, add music, edit pages. Add basic linkage and relations between different pages. (3 hours - Chuan)

Estimated timeline: 11.4

Difficulties:

The difficulties for this sprint might be the communication between front and back end and functions that have intersection between us. Since we want to practice full stack programing skill and each of us also has different focus on front end or back end programming skill.

Conclusion:

For sprint 1, we plan to implement all basic functions of our website, make it work, and we will build all functional html pages for the website. The product owner for sprint1 is Chuan Zhou.