

Sprint1 Report

Product name : AmazingMusic

Team name : AmazingMusic

Document Name: Sprint 1, Report

Date : 7/9/18 7/23/18

Actions to stop doing:

1. Allowing Scrum meetings to go over 15 mins
2. Ineffective Communication

Actions to start doing:

1. Keep scrum meetings at 15 minute maximum
2. Testing code
3. Update Burn-up Chart often
4. Update Scrum board often; effectively

Actions to keep doing:

1. Communicating and collaborating together
2. Meeting often
3. Scheduling effectively

Work completed:

1. As a user, I can import music from my local disk. **Story Points: 2**
 - a. Read audio files with java.io.*; (1hr)
 - b. Decode audio file into arrays (3.5hr)
 - c. Load decoded arrays into software as timeline (4hr)
2. As a user, I can know if a file is a valid audio or not. **Story Points: 5**
 - a. Read file header of the music file. (2hr)
 - b. Validate file header of the music file. (30min)
3. As a user, I can play music in this software. **Story Points: 13**
 - a. Import file by calling windows file explorer (3hr)
 - b.
 - c.
4. As a user, I want to be able to share music with other people. **Story Points: 21**
 - a. Implement a client machine that can communicate(send and receive information) with the server using the socket framework. (2hr)
 - b. Make the client machine can send proper object(linked list) as a request to the server (2hr)

- c. Implement a server machine that can communicate(send and receive information) with the client machine using the socket framework. (3hr)
- d. Make the server can receive proper object(linked list) as request from the client (3hr)
- e. Make a decoder for client's request that client send to server. Decoder plays a role in dividing the linked list into proper information units for convenience. (3hr)
- f.
- g.
- h. Make these APIs so they can be accessed right after something comes in from the open port (2hr)

Work not completed:

1. As a user, I can import music from my local disk. **Story Points: 2**
 - a.
 - b.
 - c.
2. As a user, I can know if a file is a valid audio or not. **Story Points: 5**
 - a.
 - b.
3. As a user, I can play music in this software. **Story Points: 13**
 - a.
 - b. decode the import file (a wav file) into array (2hr)
 - c. read each element in the array to the Java audio function (2hr)
4. As a user, I want to be able to share music with other people. **Story Points: 21**
 - a.
 - b.
 - c.
 - d.
 - e.
 - f. Create a shell(wrapper function) to activate and run the whole server. (2hr)
 - g. Decide what and which API we need to expose to Internet and how (2hr)
 - h.

Work completion rate:

Total number of user stories completed: 2

Total number of estimated ideal work hours completed: 31 hours

Total number of days during the prior sprint: 4 days

Total user stories completed per day: 0.5

Ideal work hours per day: 9.25