Sprint 2 Report

Product name : AmazingMusic
Team name : AmazingMusic
Document Name: Sprint 2, Report
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Actions to stop doing:

1. Ineffective Communication. This includes over-explanation or unnecessary discussion.
2.

Actions to start doing:

1. Keep scrum meetings at 15 minute maximum
2. Testing code
3. Talk briefly. Get to the point when talking.

Actions to keep doing:

1. Communicating and collaborating together
2. Meeting often (5 meetings per week)
3. Scheduling effectively
4. Update Burn-up Chart often
5. Update Scrum board often; effectively

Work completed (hours completed in parentheses):

1. As a user, I want to navigate an attractive and easy-to-use interface where I can click to play, edit, and share audio files. (Story pts: 8)
   A. Design drafts for all possible displays in the User Interface. (2)
   B. Create the User Interface for the main page the user will see. (4)
   C. Create the User Interface for the play, edit, and share pages. (6)
2. As a user, want to be able to play my audio track in the app. (Story pts: 8)
   A. Decode the audio file into array. (3)
   B. Set up a timeline for the audio file to let the user know what part of the music file is currently playing. (6)
   C. Combine the timeline and the array. (2)
   D. Read and play each element on the timeline. (6)
3. As a user, I want to adjust the volume, speed, and pitch of my audio files. (Story pts: 13)
   A. Create volume editing function for user-end software to allow user to change detailed volume in the music. (3)
   B. Create speed editing function for user-end software to allow user to change detailed speed in the music. (3)
4. As a user, I want to be able to share music with other people. (Story pts: 21)

A. Make a shell to activate and run the whole server. (1)
B. Decide what and which API & core function in the server are related with core functions for user-end software. (3)
C. Make a *File Server* that can receive and process incoming files. (4)
D. To control the *DB*, make SQL operation in Java (e.g. read DB, write DB, etc). (5)
E. Discuss and design *core functions* that works in the server with SQL operation. (4)
F. Make *core functions* of the server like register the user, login, upload the file, and download the file. (6)
G. Debug core functions and make test codes to see if the whole functions, server works well. (5)

Work not completed:

3.As a user, I want to adjust the volume, speed, and pitch of my audio files.

C. Create pitch editing function for user-end software to allow user to change detailed pitch in the music. (3)
D. Use JNI to run the FFMPEG library in Java . (5)

Work completion rate:

Total number of user stories completed: 3
Total number of estimated ideal work hours completed: 59 hours
Total number of days during the prior sprint: 7 days
Total user stories completed per day: 0.42857
Ideal work hours per day: 8.42857