# Sprint Reflection #6

Context Project: Multimedia Services

Group: 5

| User Story | Task | Task Assinged To | Estimated Effort per Task | Actual Effort per Task (in hours) | Done (yes/no) | Notes |
|---|---|---|---|---|---|---|
| As a user I should be able to listen to a preview of a song based on the feature essentia of the song. | Determine which data is usefull for the feature essentia and extract usefull feature essentia out of the json file | Tomas | 5 | 12 | yes | This was done for the recomender system and including finde out what each feature ment. |
| | Implement a basic framework for the feature essentia. Here can be specified which essentia the snippet should be based on. | Tomas | 6 | 0 | no | We decided to not imlement this because of the way the data was represented in the json files |
| | Determine the snippet based on the dancebility of a song. | Tomas | 6 | 0 | no | Same as the box above |
| | Determine the snippet based on a other essentia of a song. | Tomas | 4 | 0 | | Same |
| As a user I want to be able to select the snippet to be generated using a combination of the comment intensity, the positive comments or the feature essentia | Implement visual components so the user can select what he wants the snippet to be based on. | Arthur | 5 | 1 | yes | |
| | Route the information about the choice of the user to the application | Arthur | 3 | 3 | yes | |
| | Make the application accept the choice of the user and determine the snippet based on the choice of the user. | Daan | 4 | 0 | no | Feature essentia not usefull, snippet wil always be based on comment intensity and comment content |
| | Change the Seekers so they can easily work together. This can be done by changing the score system to allow scores of different Seekers to be added. | Stefan | 14 | 20 | yes | Underestimated the time necessary to test and document the classes. Currently bug #44 still remains of this in combination with the older Application |
| | Get the comment score from a File instead of getting it hardcoded. | Stefan | 6 | 8 | yes | Underestimated the time necessary to test and document the classes. A random test in another file suddenly started failing. It took some time to fix that. |
| As a user I want to be able to listen to a preview of a mixed song. Since mixed songs contain multiple songs I want to listen to a preview containing all of them. | Finish the MixSeeker so that it can select the Snippets in a mix. Return List of TimedSnippet | Stefan | 4 | 4 | yes | Not difficult to do with the new CommentIntensitySeeker. Duplicates can still exist on the very edge of a piece of the song. |
| | Allow the player from the SoundCloud widget to play multiple snippets | Daan | 3 | 3 | yes | done by Arthur |
| As a user I want to specify in how many parts a mix should be split and receive for each part a preview. | Implement visual components so the user can select of how many parts the mix should be split into. | Tomas | 2 | 3 | yes | |
| | Route the information about the choice of the user to the application | Tomas | 2 | 2 | yes | |
| | Add an option to the MixSplitter so it can determine the splits based on the amount of splits | Stefan | 7 | 1 | no | Spend one hour on the concept. This task was delayed because of the took more time than expected. |
| As a user I want to see which part of the song is t | Color the snippet(s) a different colour. | Daan | 4 | 5 | yes | Not used in the application, but a separate waveform is needed. It would be too much work for this small of a feature |
| As a user I want the system to recommend me different tracks that I would possible like based on the tracks I liked while using the application or the song I'm currently listening | Implement visual components so the user can like or dislike the song. | Arthur | 3 | 4 | yes | |
| | Implement visual components where the user can specify what to base the recommendation on and route it to the application | Daan | 4 | 2 | yes | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Build a recommender system that acknowledges user's input: | | | | | |
| | 1) Recommend tracks based on the genre of the track. | Arthur | 9 | 17 | yes | |
| | 2) Recommend tracks based on the dancebility of the track | Daan | 9 | 0 | no | Postponed. See Main Problem #2 for explanation |
| | 3) Combine the differrent parts of recommendation system | Arthur, Daan | 10 | 18 | | Made a profile for the user in the application |
| | Extend the current system to accept more information about a track | Daan | 2 | 6 | yes | |
| | Route the recommended tracks to the webpage | Arthur | 2 | 4 | yes | Done by Daan. |
| | Display the recommended tracks | Daan | 2 | 2 | yes | |
| As a user I want to know how to use the application | Implement a tooltip when a user uses the application for the first time | Tomas | 4 | 7 | yes | Took a bit too much time |
| | | | | | | |
| | Prepare Interaction Design Meeting | Responsible: Tomas | 8 | 2 | | Done by Daan and Stefan. |
| | Weekly adjustment of the Emergent Archite | Responsible: Stefan | 4 | 6 | yes | |
| | | | | | | |
| Additional tasks: | Refactoring of the randomsong and mixsplitter routing | Arthur | - | 4 | yes | |
| | Fixed a issue of the ContentFilter | Tomas | | 2 | yes | |

**Main Problems Encountered**

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|---|---|
| Problem 1: | This sprint were trying to up our output when looking at the amount of features added per sprint. Everyone was working hard and almost every class had |
| Reaction: | Some of the branches were first merged on different branches to make sure things worked. Before pushed to master the fixed were made in these separate |
| | |
| Problem 2: | Daan: Done a lot of random stuff not included by the task described, for instance fixing errors from the plugins throughout the whole application, using a |
| Reaction: | I've done the most important tasks I had that needed to be done this week, the other members took over some tasks and I'll do the remaining task this |
| | |
| Problem 3: | There were a few instances of random Travis behaviour. Travis did not build for the largest part of wednesday and does not work with java 8. This accounted for quite the number of build fails. Further travis suddenly started failing on tests already present without any changes done to the code that uses |
| Reaction: | We simply fixed all of travis errors so the code worked again. |

**Adjustments for the next Sprint Plan**

Better discuss the classes that will be affected by changes among the team members.