Sprint Reflection #4

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. This preview is based on the feature essentia of the song, the content of the comments as well as the intentisity of the comments.	Integrate the feature essentia into the selection of the snippet	Jordy, Tomas	20	?	no	
	Upload feature essentia to the database	Daan	4	0	no	Not necessary yet since feature essentia is not implemented
	Extract useful feature essentia out of the json file	Jordy	7	?	no	
	Improve the Selector of algorithms and the content filter	Tomas	10	22	yes	Includes also a refactoring of the code of the algorithms and changing of some algorithms
As a user I want the application to be simple yet have some aestetic value.	Improve UI	Arthur, Daan	6	14	yes	Done by Daan
As a user I want to see which part of the song is the most important	Implement wavefrom javascript library and figure out how to use it for our purposes	Arthur, Daan	8	8	yes	
	Color the snippet of a song diffently	Daan	4	1.5	no	Other tasks had a higher priority. It is already possible to color the entire waveform, but to colour only the snippet is not done yet.
As a user I want to be able to add a song I like to my soundcloud collection and stay logged in when switching to other song.	Stay logged in when switching to another song	Jordy	4	4	yes	Done by Arthur.
	Be able to switch back to the users collection when logged in	Jordy	2	3	yes	Done by Arthur.
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.	Extract the waveform array from a track	Arthur, Daan	9	8	yes	
	Give the waveform data to the java application	Arthur, Daan	9	10	yes	
	Cut a mixed track into separate parts that can then be processed by the existing snippet algorithm.	Arthur, Stefan	15	27	yes	We are still tweaking some values to get a good part of the song
	For each part of the mix select the partial tracks and give this to the snippet algorithm chooser.	Arthur, Stefan	9	5	no	Work in progress. The snippet chooser was being worked on by another branch so we couldn't make the necessary changes.
	Architecture overhaul	Daan		7	yes	
	For an unknown song select a random snipp	Daan		3	yes	
	Refactor the existing code to be more dynami	Stefan	6	3	no	
	Emergent Architecture Design	Responsible: Stefan	8	4	no	Only UML needed to be added this week.

Main Problems Encountered

Problem 1:	Implementing a proper user interface took longer than expected. The javascript/html was not clearly defined and seperated from each other.
Reaction:	The html and javascript have been seperated into seperate files and the code has been cleaned up. That's the main reason why there is more time spent on this featu
Problem 2:	The user can't see the changes we've made, for instance how we determine the preview of the song is changed, but the user has no clue what has been done.
Reaction:	For each user story a task should been assigned to make sure the user can see the difference in the next sprint plans
Problem 3:	Our application was not properly designed for the features we want to implement in the future.
Reaction:	Each package has now a single goal and its clearly what its purpose is int the system.

Problem 4:	Member of the group quit.					
Reaction:	The tasks we needed this week were taking over by other team members and the rest is postponed.					
Problem 5:	The mix splitter took longer than expected since it's more complicated than we thought.					
Reaction:	We spent a lot more time on the mixsplitter to try to make it work.					
Adjustments for the next Sprint Plan	Make sure each task done has some sort of visible output for the user, as we got mentioned that we didn't do much based on similar structures.					
	Try taking less time between branch creation and pull request by splitting large tasks up in smaller task.					
	Try to finish the tasks partially by wednesday so we have thursday as a buffer to wrap everything up.					