

Sprint Reflection #4

Context Project: Multimedia Services

Group: 5

User Story	Task	Task Assinged To	Estimated Effo	Actual Effort per Task (In hours)	Done (yes/no)	Notes
As a user I should enter a Soundcloud url and the application should provide me a snippet of that song	Parse .track info and insert it in the database	Daan	10	15	yes	
	Refactor the existing code to be more dynamic.	Arthur	6	5	no	Database classes still need to be changed into a singletons. This seemed a better task for the next week.
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 as well as the content of the comments	Integrate the feature essentia into the selection of the snippet	Jordy,Tomas	20	3	no	Begin is made of the feature essentia.
	Upload feature essentia to the database	Daan	3	0	no	
	Implement a feature essentia parser since this data is of a json format.	Daan	8	0	no	We have decided not to do this task untill its clear if it's possible to use the essentia. It's quite difficult to figure out which parts to use.
	Select the snippet based on comment intensity and the content of a comment	Tomas	8	8	no	There is currently a PR for this feature but there still a couple of things that need to be done.
	Make a selector for the best algorithm	Tomas	8	8	no	Although code does exist it is not finished or up to the standard. It also works a little different than we originally planned and this is not agreed on by part of the team.
As a user I want the application to be simple yet have some aesthetic value.	Add a banner to the application with additional css for layout.	Arthur, Jordy, Daan	4	1		Daan has joined the layout team and already has done a couple of things.
As a user I want to be able to add a song I like to my soundcloud collection.	Log in to Soundcloud	Jordy	4	4	yes	Implemented also a way to log out
	Show the user's collection when logged in	Jordy	6	4	no	User's likes are not shown, when the user switches to another song. And the user have to log in again to like a song.
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.	Cut a mixed track into separate parts that can then be processed by the existing snippet algorithm.	Arthur, Stefan	15			
				15	no	The idea for this sprint was to make a good start of the feature. This was achieved. Still work in progress. This was the milestone for sprint 6.
	Product Planning	Responsible: Jordy	10	10	yes	
	Emergent Architecture Design	Responsible: Stefan	8		3 yes	2 hours for writing and improving 1 for delivering and fixing the problem of uploading it to blackboard under draft. Improvement on feedback was done on a low level due to the feedback being delivered close to the deadline. This is part of the reason the time is so low compared to the estimate.
	Adjust the projects pom file and include travis properly	Daan	2	6	yes	
	Create a CheckStyle format for the project to use.	Stefan	3	8.5	yes	3 for building, 2 for documenting and 1.5 for removing errors from the file. 2 Additional for the set up with maven.
Main Problems Encountered						
Problem 1:	Some of the features were not added because they did not seem up to the standard.					
Reaction:	These features are going to be changed and added next sprint.					
Problem 2:	Cobertura creates it's own classes such as Routes.java and is also considering these in the test coverage. This gives a low overall test coverage. Usually these classes can be found in the target/src-managed package and the class files in the target/classes directory.					
Reaction:	We tried to exclude them from the coverage report by adding cobertura to the build and use exclude in the POM there, but this has failed. We now decided to simply ignore these given classes in the cobertura coverage report.					
Problem 3:	Track metadata had again newlines in the titles.					
Reaction:	These files were adjusted and processed afterwards. Took some extra time since these files were manually changed.					
Problem 4:	Wasted to much time on connecting the AlgorithmSelector and other classes to the system. This was due to some small mistakes that was made which where spread across the code and also some settings which were (still) not good.					
Reaction:	Eventually these were fixed by testing.					
Adjustments for the next Sprint Plan						