Sprint Reflection #7

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 want to specify in how many parts a mix should be split and receive for each part a preview.	Add an option to the MixSplitter so it can determine the splits based on the amount of splits	Stefan	7	16	yes	A lot of time was put into the fixing of an infinite loop. It took quite a while to figure out and as a result the task took more time.
	Combine the MixSeeker and MixSplitter so a mix can be played by the Application	Stefan	3	5	yes	Spent a lot of time on manual testing of the feature. This was largely due to the checking if something changed since it was implemented. So I needed to alter between versions.
	Refactor Application to accept the return of List<TimedSnippet> instead of int	Stefan	4	3	yes	See above, testing time is devided between those two tasks. Currently it simply extracts the starttimes out of the snippets.
	Make the Mixsplitter play every snippet after each other when the MixSplitter button is pressed.	Arthur	4	4	yes	
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	Implementation of feature-based recommender.	Daan	5	15	yes	
	Make the UI element more slick by making the records a clickable picture.	Daan	4	2	no	The album art is not added yet
	The recommender should be able to recommend on his own and together with other recommenders.	Arthur	12	14	yes	There are some minor changes that need to be made before it can be merged.
As a user I want to be able to listen to music non-stop by pressing a Radio button.	Visual component that gives the user the opportunity to play music nonstop. Turning the feature on and off.	Tomas	2	2	yes	
	Make the widget reload new tracks when the radio feature is used.	Tomas	6	6	yes	
As a user I want to be able to go through advanced option on the webpage setting the application options such as, preview mode and recommender settings.	Add a visual component to the webapplication where the advanced feature controls can be put.	Tomas	3	4	no	The component excists, but some buton still needs to be in there. Also wasted a bit to much time to the css of this feature.
	Make a route and send the advanced control values to the application.	Tomas	2	0	no	
As a user I want the application to run fluently	Adjust select random song so that it takes less time to load the widget	Daan	2	1	no	This task was thought to be too easy, next week will this be implemented properly.
	Every track should work with our application					
	1) Check if track is available in the database	Arthur	3	1	no	Some attributes in the database need to be altered before the tracks can be sent.
	2) If not, retrieve information from SoundCloud	Arthur	3	3	yes	
	3) Insert new information into database	Arthur	4	3	yes	
	Improved User Interface to make it more clear to the user.	Daan	5	2	no	Done this with my personal opinion. The enquetes from the user still need to be done.
	Small tweaks to the widget for autoplaying selected tracks	Tomas	2	2	no	
	Update tooltip	Tomas	1	1	yes	
	Implement help button that displays the tooltip again	Tomas	3	5	yes	Took some time because of a bug with the library i used

	Make Profile and DatabaseConnector a singleton	Stefan	2		5	yes	Had some issues with the amount of classes needed to change to do this. Profile is not Singleton because in the middle of the week it proved to be not useful. And the group discussion led to the choice to not make it singleton.	
	Implement SIG feedback	Stefan, Daan	12			no	Got the SIG feedback on thursday evening. It is moved to the next sprint.	
As a user I want the preview functionality to be optimal	Review preview (especially the contentfilter) based on other papers and info about natural language processing	Tomas	12		8	no	Did not actually change anything, but did read parts about NLP	
	Weekly adjustment of the Emergent Architecture Design	Responsable: Stefan	12	5				
Main Problems Encountered								
Problem 1:	During the week we found out that our database did not have a primary key. We changed this but as a result the order of the tracks in the database changed. This resulted in a test giving a different value and failing all over the project.							
Reaction:	We changed the test in every single branch to make the branches work again.							
Problem 2:	Daan: I got a lot of tasks not finished due to being one day sick and adjusting the current Track object to be dynamic so it is much easier to use for the other member. These adjustment took a lot more time than expected due too figuring out the details with generic types.							
Reaction:	Part of the tasks will be done extra next sprint to catch up, the rest is 90% finished.							
Adjustments for the next Sprint	Do no big alterations that can allow the entire project to fail outside of our own branch by simply not making these kinds of changes for the next sprint. Launch is almost upon us and we shouldn't overdo it with these kinds of changes right now. For the future, we could try to make the fix in one branch and then merge it into the other branches. This branch could be a seperate branch or a branch with an open pull request.							