

Sprint Backlog

Sprint 1#

PB-ID	ID	Task title	Estimates	Responsible	Status
1	1	Design/Create FXML files and user interface for user.	1 hour	Dragos	Completed
1	2	Create simple class diagram implanting the core of the program using SOLID	2 hours	Matas	Completed
1	3	Implement model prior to the class diagram.	3 hours	Chiril	Completed
1	4	Implement view package and viewmodel package with bindings to the FXML objects prior to the class diagram.	3 hours	Dan	Completed
1	5	Create observer pattern for updating pressed buttons and timer.	2 hours	Chiril	Not completed

Sprint 2#

PB-ID	ID	Task title	Estimates	Responsible	Status
1	1	Create observer pattern for updating pressed buttons and timer.(last sprint leftover)	2 hours	Dragos	Completed
20	2	Update class diagram with the viewmodel and view classes	2 hours	Matas	Completed
20	3	Update use case and use case description to accommodate for the music player implementation in the GUI	2 hours	Chiril	Running
20	4	Create system sequence diagram for the player	3 hours	Dragos	Not completed
20	5	Attach the music player to the GUI	4 hours	Dan	Completed
20	6	Test the usability of the player	3 hours	Matas	Completed
20	7	Document some of the changes and where they occurred	4 hours	Matas	In progress
2	8	Search for an API for lyrics	4 hours	Dan	Completed
2	9	Create use case diagram and description for the lyrics API	4 hours	Chiril	Not completed
2	10	Update class diagram and domain model for the newly added classes	4 hours	Matas	Not completed
2	11	Implement lyrics API in a console-based app	4 hours	Dragos	Completed
2	12	Create FXML file for the lyrics	2 hours	Dan	Completed

2	13	Attach the lyrics implementation to the fxml	7 hours	Chiril	Completed
2	14	Test the functionality of the lyricsAPI in the GUI	5 hours	Dragos	Completed
2	15	Document some changes that occurred during this user story	6 hours	Matas	Completed
4	16	Create use case diagram and description for the play/pause function	2 hours	Matas	Completed
4	17	Update class diagram to accommodate for the function	4 hours	Chiril	Not completed
4	18	Bind buttons from the GUI to thee play/pause	2 hours	Matas	Completed
4	19	Make it interact with the player the pause and play music	5 hours	Dragos	Completed
4	20	Test functionality	2 hours	Dan	Not completed
4	21	Document changes	3 hours	Matas	In progress

Sprint 3# (After this sprint the elaboration phase ends <hopefully>)

PB-ID	ID	Task title	Estimates	Responsible	Status
3	1	Create ER diagram for database	4 hours	Dan	Completed
3	2	Implement database in correlation to the diagram	20 hours	Dan	Completed
3	3	Add data to the database	10 hours	Dan	Completed
3	4	Test database	2 hours	Matas	Completed
21	5	Create Server-Client RMI	10 hours	Dragos	Completed (Went for sockets)
21	6	Update class diagram and domain model	3 hours	Matas	Completed
21	7	Document changes	0.5 hours	Chiril	Completed
21	8	Attach database to the server side	3 hours	Chiril	Completed
21	9	Test database together with the server side	1 hour	Matas	Completed
21	10	Implement client side	5 hours	Matas	Completed
21	11	Document changes	2 hours	Dragos	Completed
21	12	Test if client can play music from the server	1 hours	Chiril	Completed
21	13	Create sequence diagram for the Sockets and database implementation	3 hours	Dragos	Completed
7	14	Make music API continue to play songs	2 hours	Chiril	Not completed

7	15	Test current state of the program	2 hours	Chiril	Not completed
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Sprint 4#

PB-ID	ID	Task title	Estimates	Responsible	Status
3	1	Add real paths to the songs in the database	2 hours	Dan	Completed
3	2	Create select function for the table list and play the song when song selected	3 hours	Dragos	Completed
3	3	Create system sequence diagram for the song list and player interaction	3 hours	Chiril	Completed
22	4	Do research regarding transforming the code into a runnable clickable app.	3 hours	Dragos	Completed
22	5	Create the runnable clickable app	2 hours	Dragos	Completed
6	6	Make the program go to the next songID when a song finishes	4 hours	Chiril	Completed
6	7	Screenshot any changes and interactions with the database	2 hours	Dan	Completed
7	8	Create methods to go back and forward	4 hours	Chiril	Completed
9	9	Make search bar search the server's database for songs	10 hours	Dan	Completed
9	10	Screenshots for the changed code and implementations	2 hours	Matas	Completed
9	11	Update class Diagram and domain model	4 hours	Dragos	Running
9	12	Use case diagram for the whole working system	6 hours	Dan	Completed
9	13	JUNIT testing the whole model package	9 hours	Dragos	Not completed
9	14	JAVADOC the whole model package	9 hours	Matas	Completed
9	15	Document all the changes into a process report	9 hours	Chiril	Not completed

Sprint 5#

PB-ID	ID	Task title	Estimates	Responsible	Status
8	1	Research on how to do playlists efficiently	4 hours	Dragos	Completed
8	2	Create button to be able to like a song	2 hours	Matas	Completed
8	3	Create the like song playlist in the database	4 hours	Dan	Completed
8	4	Make the liked song button display the playlist	3 hours	Chiril	Not completed
8	5	Update required documentation	12 hours	Dan	Completed
15	6	Create the login and signup function	12 hours	Dragos	Completed
15	7	Create use case diagram and use case description for the login function	4 hours	Matas	Completed
8,15	8	Implement liked song playlist making it unique to every user that signed up.	10 hours	Chiril	Not completed
15	9	JUNIT testing for the whole existing system	12 hours	Matas	Completed
15	10	Create process report for the system	3 hours	Dan	Running
15	11	Update class diagram	3 hours	Dragos	Not completed
15	12	Create install video and usage of program	2 hours	Matas	Not completed
15	13	Add every .jar file in the projects folder and split up the client and the server modules into separate projects	4 hours	Chiril	Completed