Sprint Plan 4

Context : Multimedia services
Group : Multimedia services 1

User Story	Task	Task assigned to	Estimated Effort per Task
As a developer, I want to have a clear interface of the API calls between the frontend and the backend.	1. Continue discussion on API contract. 2. Update room selection API calls backend. 3. Update room API calls frontend. 4. Update chat API call backend. 5. Update chat API call frontend.	1. Jaap Heijligers 2. Gijs Weterings 3. Tim van der Lippe 4. Gijs Weterings 5. Eva Anker	1. 10 hours 2. 4 hours 3. 4 hours 4. 4 hours 5. 4 hours
As a user, I want to classify songs based on arousal and valence to improve the system.	1. Implement frontend function thumbs up and down. 2. Implement frontend function SAMs. 3. Update song vector based on user feedback.	1. Eva Anker 2. Jan-Willem Gmelig Meyling 3. Gijs Weterings	1. 6 hours 2. 4 hours 3. 6 hours
As a user, when I select a mood, I want to see rooms that are relevant to my current mood.	1. Implement nearest neighbours to find songs fitting the current room based on their vector distance. 2. Retrieve song data from database. This should also consider the input in the database.	1. Tim van der Lippe 2. Jaap Heijligers	1. 4 hours 2. 6 hours
As a user, when a song ends, I want the system to play the next one.	1. Create room instances	1. Eva Anker	1. 6 hours
As a developer, I want to improve the user interaction on the website.	1. Style pages and UI elements 2. Fix duplication bug in state transformation.	1. Tim van der Lippe 2. Tim van der Lippe	1. 10 hours 2. 4 hours

Other activities

Sprint planning: 10 hours
Sprint reflection: 10 hours
Daily Scrum Meetings: 8 hours
Reviewing Pull-Requests: 20 hours
Meetings with stakeholders: 2.5 hours