

Sprint Plan 1

Context : Multimedia services

Group : Multimedia services 1

User Story	Task	Task assigned to	Estimated Effort per Task
As a User, I want to be able to log into MoodCat.me	<ol style="list-style-type: none"> 1. Set up Vagrant box to ensure the same dependency setup is maintained between project team members. 2. Set up AngularJS application that serves as the basis of MoodCat.me. 3. Set up a login homepage and a page for logged in users. 4. Connect the AngularJS application with the soundcloud API to log in the user. 	<ol style="list-style-type: none"> 1. Gijs Weterings 2. Gijs Weterings 3. Jan-Willem Gmelig Meyling 4. Jaap Heijligers 	<ol style="list-style-type: none"> 1. 4 hours 2. 6 hours 3. 4 hours 4. 6 hours
As a User, I want to be able to play music on MoodCat.me	<ol style="list-style-type: none"> 1. Create a (temporary) .json file containing song data of a mocked room 2. Create a HTML5 audio player 3. Load the song into the HTML5 audio player trough the soundcloud api 	<ol style="list-style-type: none"> 1. Eva Anker 2. Gijs Weterings 3. Jaap Heijligers 	<ol style="list-style-type: none"> 1. 2 hour 2. 13 hours 3. 8 hours
As a Developer, I want to be able to run Algorithms on a server-side platform	<ol style="list-style-type: none"> 1. Decide on Backend language. 2. Find appropriate frameworks to couple front- and backend. 3. Test interaction between front- and backend services. 	<ol style="list-style-type: none"> 1. Eva Anker 2. Tim van der Lippe 3. Eva Anker 	<ol style="list-style-type: none"> 1. 3 hours 2. 3 hours 3. 10 hours
As a Developer, I want to be able to store and use the data provided by Soundcloud.	<ol style="list-style-type: none"> 1. Analyse the data provided to determine which parts of the data we will use in our application. 2. Create a reader for the server to load the extracted data to a usable format 	<ol style="list-style-type: none"> 1. Eva Anker 2. Jan-Willem Gmelig Meyling 	<ol style="list-style-type: none"> 1. 3 hours 2. 6 hours
As a Developer, I want to have a well defined interface for any data mining algorithms we will use	<ol style="list-style-type: none"> 1. Turn basic recommender system made by Tim van der Lippe into a library form. 2. Train eachother how to use the recommender system properly. 	<ol style="list-style-type: none"> 1. Tim van der Lippe 2. Tim van der Lippe 	<ol style="list-style-type: none"> 1. 8 hours 2. 6 hours
As a Developer, I want to decide how we can match users and their moods to rooms and songs.	<ol style="list-style-type: none"> 1. Research papers about arousal-valence graphs. 2. Using the gained knowledge determine vector values of several moods. 3. Decide how to apply genre-filtering to arusal-valence graph. 	<ol style="list-style-type: none"> 1. Everyone 2. Eva Anker 3. Jan-Willem Gmelig Meyling 	<ol style="list-style-type: none"> 1. 15 hours 2. 5 hours 3. 10 hours