## **Non-Functional**

* Data should be stored and handled according to the GDPR.
* The website must be compatible with Chrome, Firefox and Safari
* The login credentials of the researcher should be safely stored, in order to access the dashboard.
* The website will be hosted entirely in a TU Delft server.

## **Must Have**

* The participant must be able to access our software through a website.
* The participant must be able to read and accept a consent form related to sharing their Spotify data.
* The participant must be able to connect their Spotify account so that their top songs can be retrieved after login.
* The participant must see an introductory text for each questionnaire to have a clear overview of the process.
* The participant must be able to answer and modify the questions from the questionnaires.
* The participant’s answers to the questionnaire must be converted to a vector representing personality and a vector representing values.
* The participant must have the personality vector, value vector and top songs stored in a persistent way.
* The participant of batch 2 must be matched with other participants of batch 1 based on the responses to the questionnaires and be shown the top songs of the matched users, called recommendations.
* The participant must see his playlist recommendations all together and one by one in different pages.
* The participant of batch 2 must see an explanatory text for the recommendations.
* The participant must be able to rate the list of recommended songs and have the option to rate the individual songs on a scale of 1 to 5.
* The participant must be able to have the option to give open feedback about the recommended music for each recommendation.
* The participant must provide feedback according to a list of questions for each recommendation.
* The researcher must be able to download participant data and the similarity matrix into a CSV file through the dashboard.
* The researcher must be able to recognize the parameters of the experiment (batch number, similarity matrix and date and time) through the name of the CSV file.
* The researcher must be able to see the information inside the CSV file in a clear and structured way based on what was agreed upon.
* The researcher must be able to switch between batch 1 and 2 through the dashboard
* The researcher must have a dashboard to monitor the experiment and adjust parameters for the study (Examples: similarity metric, current batch).
* The participant must be able to visualize and export his personality and value scores after he is done with the experiment.
* The participant should be able to go back at any moment to the previous page
* The participant should get the music recommendations in 30 second snippets

## **Should Have**

* The researcher should be able to see the progress of the study in the dashboard
* The researcher should be able to retrieve all the answers to the questionnaires
* The reseacher should be able to change the final redirect link easily through a file

## 

## **Could Have**

* The participant could be able to like or add recommendations to his account
* The project will handle more batches in the future.
* The researcher shouldn’t be able to change parameters like questions during the process of one batch

## **Won’t Have**

* The project could be structured in a way that it will be reusable for other kinds of research in the future.
* The researcher could have an interface to sort and filter data of participants in the dashboard