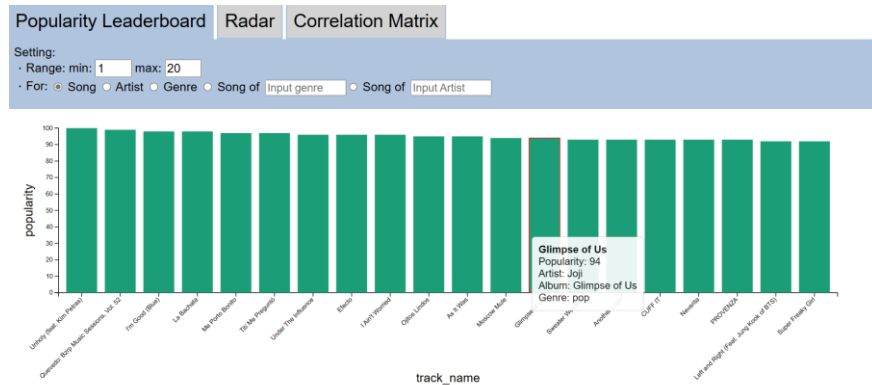


Design – HW9

Leaderboard



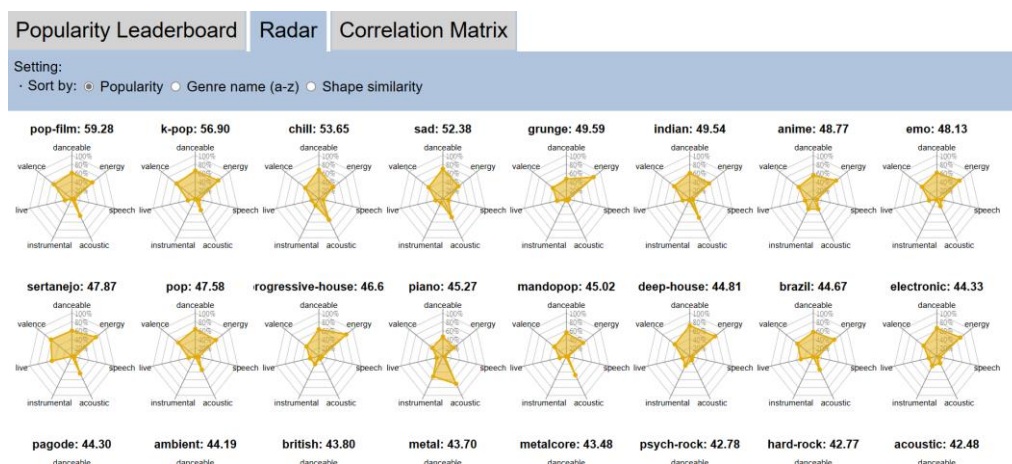
Function & Elements

- (1) Select minimum & maximum rank.
- (2) Leaderboard for Song (all songs), Artist (all artists), Genre (all genres), Song of genre (all songs in specific genre), Song of Artist (all song of an artist).
- (3) Searching box with filters
- (4) Tooltip.

Target user

- (1) People who want to search for popular songs to listen.
- (2) People who want to know top artists & search for songs of a specific artist.
- (3) People who want to explore his interested on new music genre.
- (4) People who want to learn more about a specific music genre.

Radar



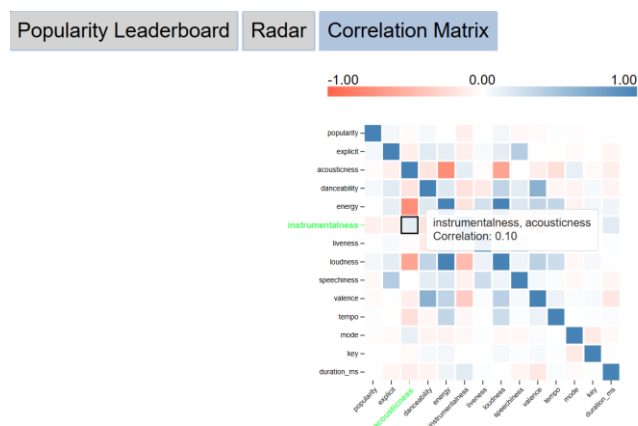
Function & Elements

- (1) Sort the radar graphs by [popularity | name | shape].
- (2) Tooltip on the point in the radar graph.

Target user:

- (1) People who want to know the common characteristics of popular music genres.
- (2) People who want to know whether which music genres are similar to each other (a pair of music genres are considered similar if the shape of the radar graphs are similar)

Correlation matrix



Target user:

- (1) People who want to know the common relationship between columns. For example, you can observe that loudness & energy have a positive correlation, energy & acousticness have a negative correlation.