

Brian

Simple/Common terminology

Not too difficult

Easy to train

Algorithms that improve mixing more than two kinds of style of music

Share the results with friends

feedback from other users

Standardized output

Store and organize results

Generate mood hashtags for further mixing of data(sound)

A function to target a demographic

Functions that differentiate rhythm lines or melody lines which the DJs prefer.

Brandon

The ability to make something new

Music fits well together

The ability to change the results of suggested new tracks

Creation should sound good

The ability to choose how much the algorithm adheres to musical rules

The algorithm should be transparent about the how to suggested tracks are being selected

The results should be quick

The ability to feel creators block resolved

The ability to satisfy the thirst for creation

Mason:

Large dataset

Accepts different libraries of music

At-a-glance

Does not interfere or assume control.

Improves workflow

Narrow down options

Encourage exploration

Suggest rarely used pieces?

User has autonomy & final say.

Alternative suggestions if primary is rejected?

Provide multiple suggestions, or 1 when set.

Ideally overlay with existing tools (a corner popup on a phone, a notification, an overlay, or an extension of an app?)

Sorting algorithm for user input, if automatic suggestion is not adequate.

Playback when asked?

Load/save songs in current workspace?

Navigates to song location for access

User must be able to visit, move, manipulate & access a track the moment they accept a suggestion.

Should feel seamless, and not disrupt workflow. Or easy transition

Fast

Other recommendations given no music input (search/filter criteria)

Reliable recommendations.

Future suggestions assuming previous suggestions are accepted? Plans ahead?

Option to reject tracks for consideration? Ie: don't show me this again.

Factor suggestions/preferences from user or audience. Adjust outcome weights given said suggestions.

Low-medium ceiling app, this should require little user input.

Simple UI

User Interface	Usability	Search/Filter	Suggestions	Utility
At-a-glance	Not too difficult	Narrow down options	The results should be quick*	Improves workflow
Simple UI	Does not interfere or assume control.	The ability to change the results of suggested new tracks	Large dataset	Standardized output
does not disrupt workflow.	User has autonomy & final say.	Sorting methods from set user criteria	Reliable recommendations.	Playback when asked?
easy transition from app	Easy to access a suggested track	The results should be quick	Easy to train	Load/save songs in current workspace?
Simple/Common terminology	Low-medium ceiling app, this should require little user input.	The ability to choose how much the algorithm adheres to musical rules	Inspirational to be creative	Store and organize results
Transparency in decision making process			Alternative suggestions if primary is rejected?	Generate mood hashtags for further mixing of data(sound)
seamless			Provide multiple suggestions, or 1 when set.	A function to target a demographic
Overlay with existing tools	Option to omit tracks from consideration?		Accepts different libraries of music	Encourage exploration
			Future suggestions assuming previous suggestions are accepted? Plans ahead?	Functions that differentiate rhythm lines or melody lines which the DJs prefer.
			Algorithms that improve mixing more than two kinds of style of music	Voting/Weight from user/audience input.
			Music fits well	

			together Suggest rarely used pieces? Share the results with friends feedback from other users	
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User stories

Mason: As a DJ, I keep a sizable library of songs/tracks as I mix live on stage. This is my personal playlist, but I usually need to recall a track, or search for one before mixing. It would help if something could eliminate songs I know I would not or could not mix. Therefore, I run the sound-byte app on the side, during my shows. While I play my first track, It suggests something that might mix well according to music standards & my tastes. I sometimes don't like the suggestion, and pass - but it's nice having something to boost inspiration.

As a hobbyist, I am steadily growing my library of tracks. However, there aren't many ways to find music based on track features. For instance, bpm + genre. I wouldn't mind using a specialized search engine, which might even suggest complementary pairs as I seek inspiration. Therefore, I use the soundbyte app to explore songs meeting my parameters, as well as ideal combinations of them.

I mix music from home, but struggle to get my inspirational juices flowing. I use the soundbyte app for suggestions as I try to spur my muse. While I may not always go with the suggestion, the app may help me head a certain direction/vibe.

Brian: As a hovieist of mixing music like a DJ, Brian uses the application which is trained by the user's preference and generates preferable sound clips helping him to share his musical ideas with his friends.

Brandon: