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Useful Resources			John					
GOALS / EPICS >>>	Menu with options		[23] Suggest Music by current track					Suggest Music by parameters
USER STEPS	Opens SoundByte	May pick between 3 modes. These are suggestions, criteria search, &	Select Automatic Suggestion	[23] Upload Track	Upload Playlist or run with provided dataset (should be a	Await result(s)	Accept/reject oncoming suggestion(s)	Select song parameter menu
MVP								
USER STORIES >>>	User can open a desktop app	Simple menu, pick between 3 options	Option is present in main menu	[15] "upload" or set as being the input for machine learning algorithm	Client-side equivalent. Start with one, strict dataset	Fast/Accurate Results Necessary	User may set how many suggestions appear at once (via suggestion	User reviews parameter options
		Advanced settings Menu (for dataset, training, tracklist, etc)	User selects automatic or parameter based suggesting	[8] Remove product	User downloads dataset with app and runs with that directory	Initial backend will be part of full download	New alternative suggestions appear after rejecting prior	
						Dataset should already be trained, unless dataset is new	Option to run again	
Release 2								
	User can open an android App			Backend API/Database for taking user input and querying	Backend API/Server. User may instead use server-side	Requests for suggestions are server-side - reducing load	Option to run again with different settings (without having to	

audience mood -

used with

Alice, Albert Alice, Albert Mix Demos [14] Robust Search By Criteria Select User toggles this Awaits machine's User is directed to User [8] Awaits Await results(s) Accept/reject [6] Input search oncoming suggestions(s) accepts/downloads or rejects result. setting while criteria. result(s) parameter(s) to attempt at mixing result split on running the the two pieces suggestion User chooses Derives a User accept/reject User chooses User sets simple suggestion(s)
using defined
algorithms
Read More
This is not a parameter according to oncoming suggestion(s). search criteria. search criteria or keyword his/her User checks on a checkbox or checkboxes which is/are General feature search Addition of other More robust Download [6] Sign up / Sign [8] More features. like suggestion model functionality in with regular advances search

account

options - like

keyword search

Inspire with Download suggestions or search results automatic pairs. Select one or User Downloads or is navigated to Download or User selects User chooses no User allows User User receives Accepts/Rejects multiple results Save on the user suggestion input or system to make output from suggestion song directory from the search operation its own suggestion application, account or parameters result(s) Discard the combination following User may set the User Basic Song If accepted, app opens a window to song location -or moves song to size of their accepts/discards information suggestion list result Display many Song location results if given as string instructed to aswell Database is client side in this instance User clicks on Ability to

System picks a

random song &

based on defined

then matches

Unique version of

playback/demo

song in-app

results, where

consists of two

suggestions

Api/serversdie

suggested song

query to get

dataset's

Usage case

where no input is

acceptable, or

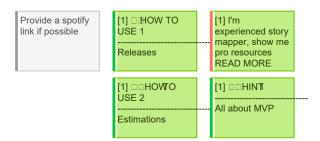
even a defined

suggestion menu

on the app

Useful Resources





Query			
google/spotify if			
we only have			
song metadata			



More robust suggestion Model

Release 3

Unscheduled

User can open an ios app

Ability to upload personal library

Save search preferences

User checks on suggestion results

Server-side algorithm used to mix two tracks. Read More These tracks are User may playback the result

User accepts/rejects the result

User confirms to mix the suggestions which are chosen

Presented as an optional, out-of-the-way utility

ability to name/set metadata

User downloads the result (uses similar logic as other downloads)

Ability to download each song

Spotify query for each song

Song is downloaded to preset result folder

Song is downloaded to user-defined folder

