**Ben & Mike’s Song Suggestor**

**Github Repository**

<https://github.com/BeCrusty/Music_Suggestor>

**Purpose**

**Mission Statement**

“*Finding a song that fits your mood or occasion takes effort.*

*Imagine if Ben & Mike chose the music for you.*

*With Ben & Mike’s Song Suggestor, you can listen to*

*curated tunes in just a few clicks.*”

**Vision statement**

“*Our goal is to create an app that can grasp the nuances of a person’s mood, taste and activity, then build playlists that fit that moment while exposing them to new music.*”

**Feature Breakdown**

**Current:**

* Greets the user and takes their name as input
* Offers a choice between ‘Mood’ and ‘Occasion’
* Offers a list of categories inside ‘Mood’ and ‘Occasion’
* Provides a song suggestion from the chosen category including:
  + Song name
  + Artist
  + YouTube link
* Offers the chance to have another song suggestion

**Short-term:**

* Provides a hyperlink to the song
* Improve the various outputs to include text effects and images
* Can choose another song from the current category or select a new category
* Saves song suggestions to a file that is named using the input #{name}

**Long-term:**

* Provide a GUI and play songs inside the interface
* Outputs are spoken as well as written to improve accessibility
* Inputs can be taken by voice prompt to improve accessibility
* Utilize user files to build playlists and improve song
* Suggestion

**Instructions For Use**

**Dependencies**

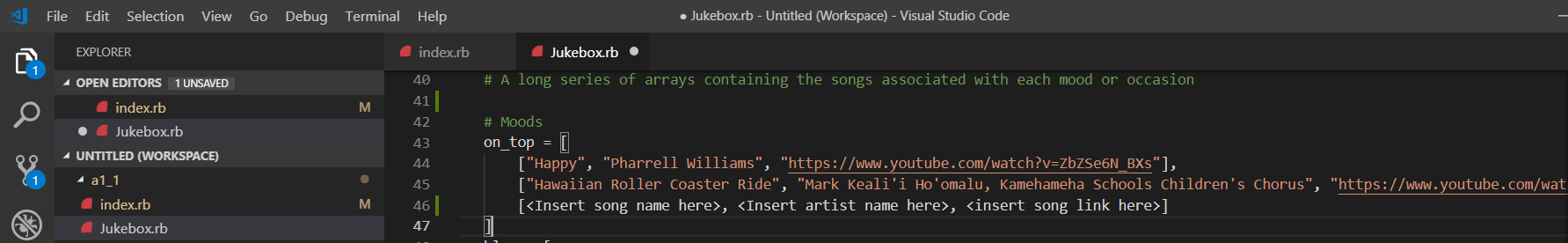
colorize gem <https://github.com/fazibear/colorize>

**Installation**

1. Download ZIP file from repository <https://github.com/BeCrusty/Music_Suggestor>
2. Extract ZIP file and run ‘index.rb’ in terminal.

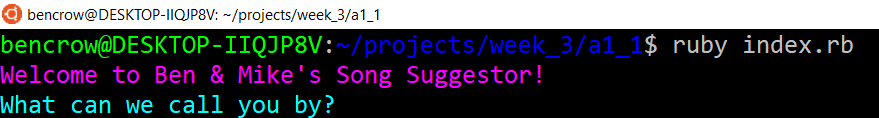
**Customization**

1. User can input more songs into the database using the format seen below

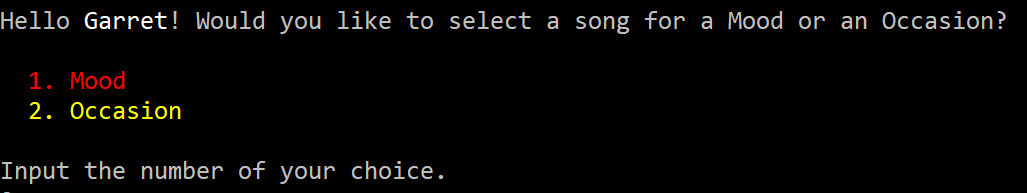


**Usage & Screenshots**

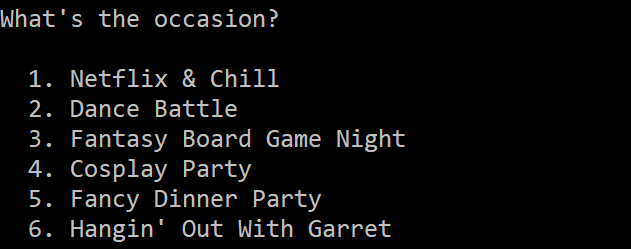
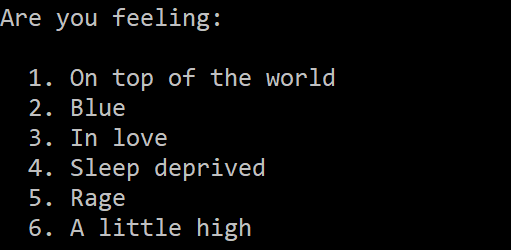
1. Open your Unix-based terminal (App runs in Ruby, which is build for Linux or MacOS)
2. Navigate to the location where you extracted the app directory
3. Inside the app directory run the command ‘$ ruby index.rb’



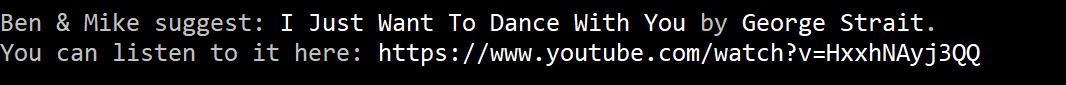
1. Following the prompts, enter your desired username.
2. Make selections from the menus that are presented



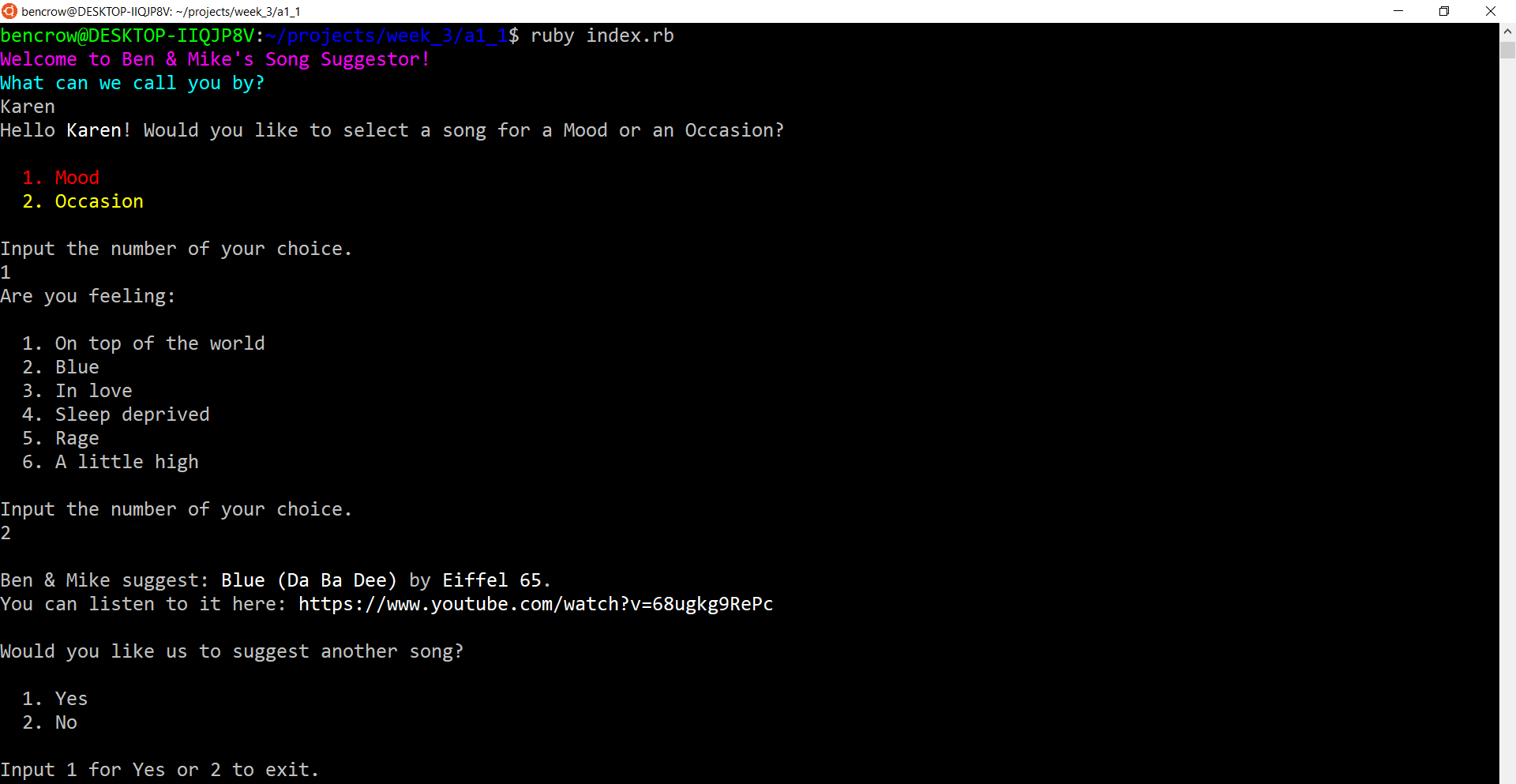
1. The terminal will provide categories for Mood or Occasion



1. A song will be suggested based on the user’s category selection



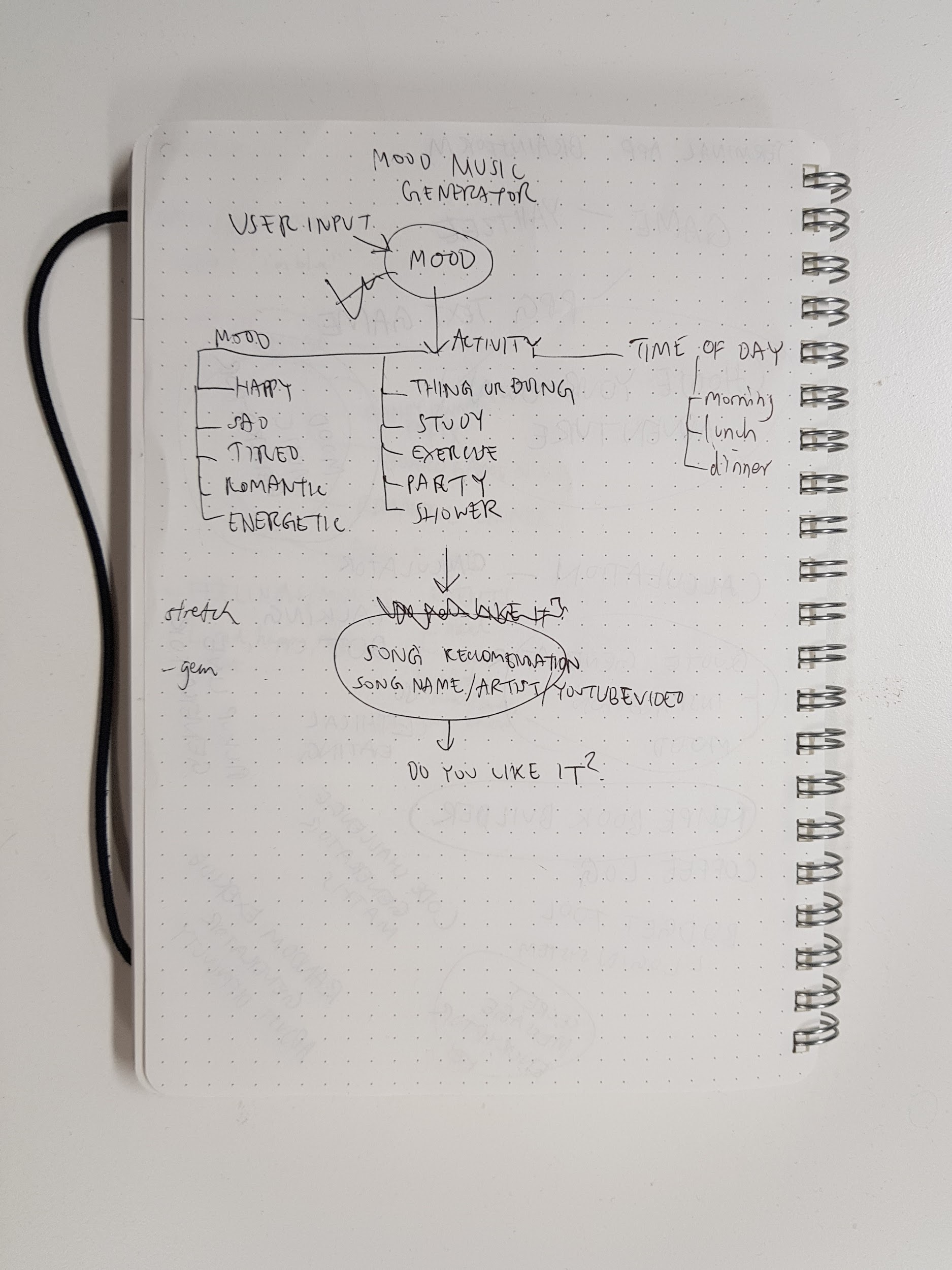
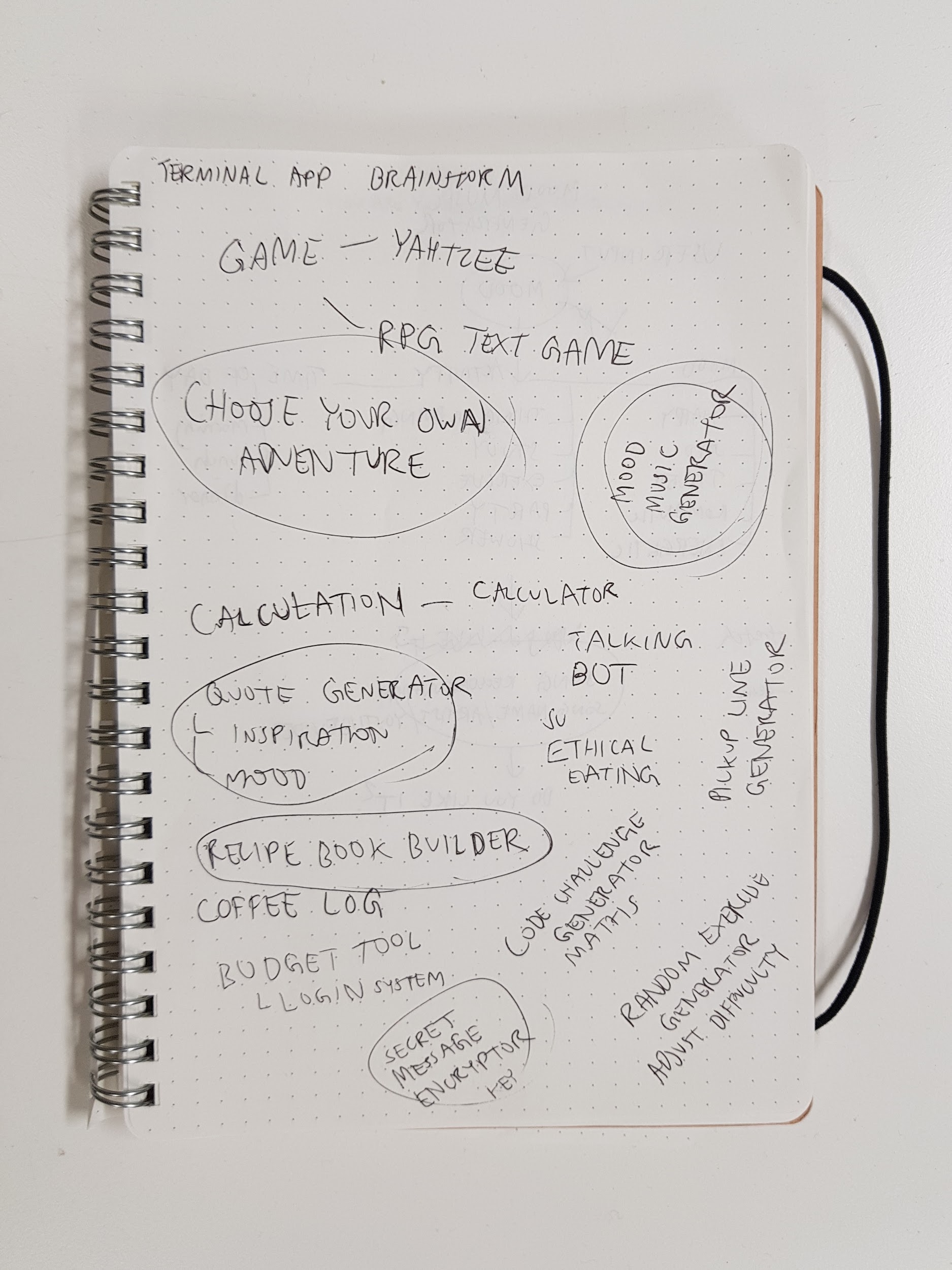
1. Finally, the user will be prompted to either choose another category or exit the app

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**Details of Design & Planning Process**

**Brainstorming**

Our brainstorming process began with spitballing possible functions for a terminal app, seen in the first picture below. We made a selection from those ideas based on viability and interest and spent some time creating user stories and ideating to determine our direction. We then determined what choices we would provide to the user to maximize the functionality of the app and meet our aims, seen in the second picture below.

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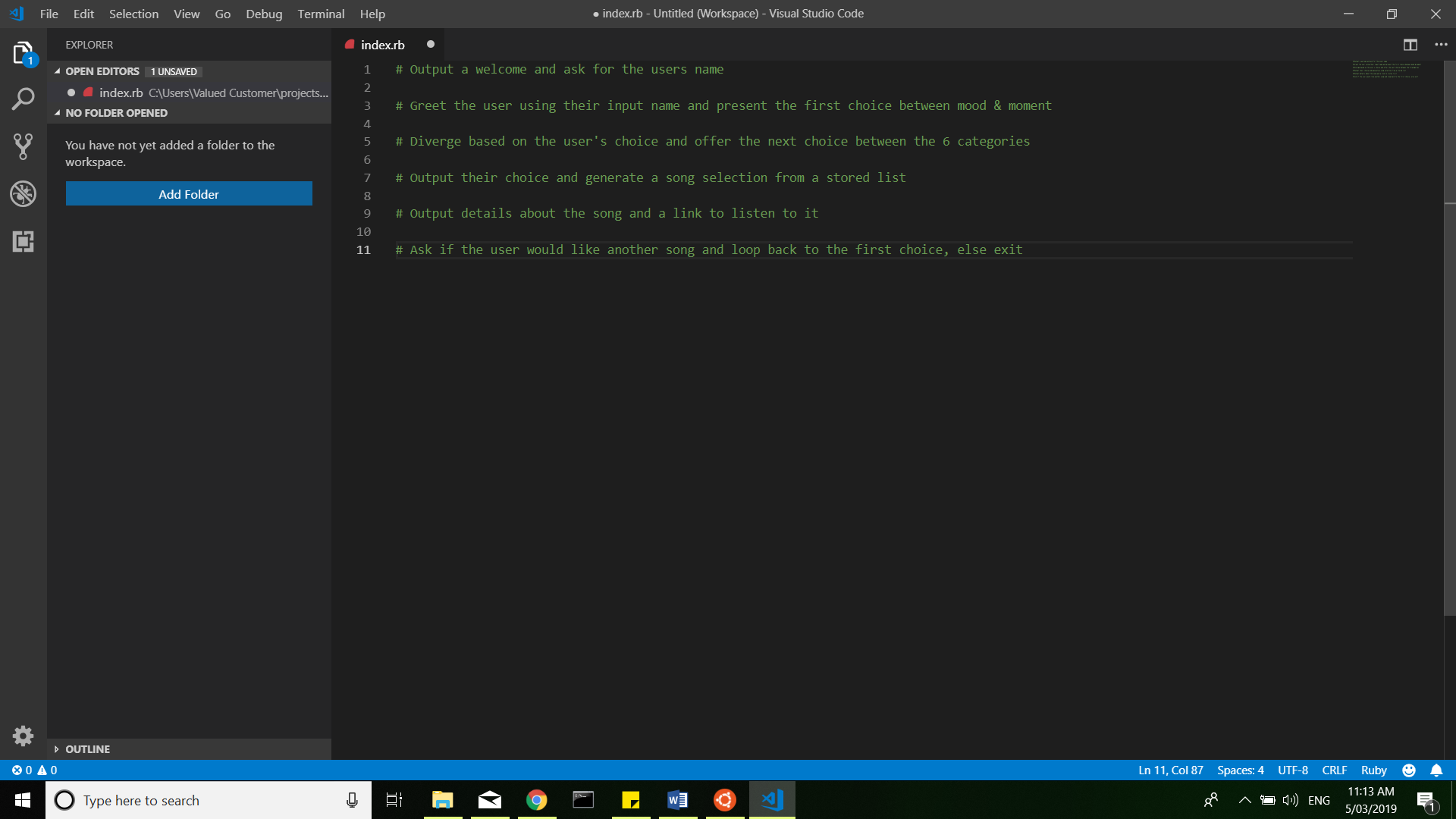
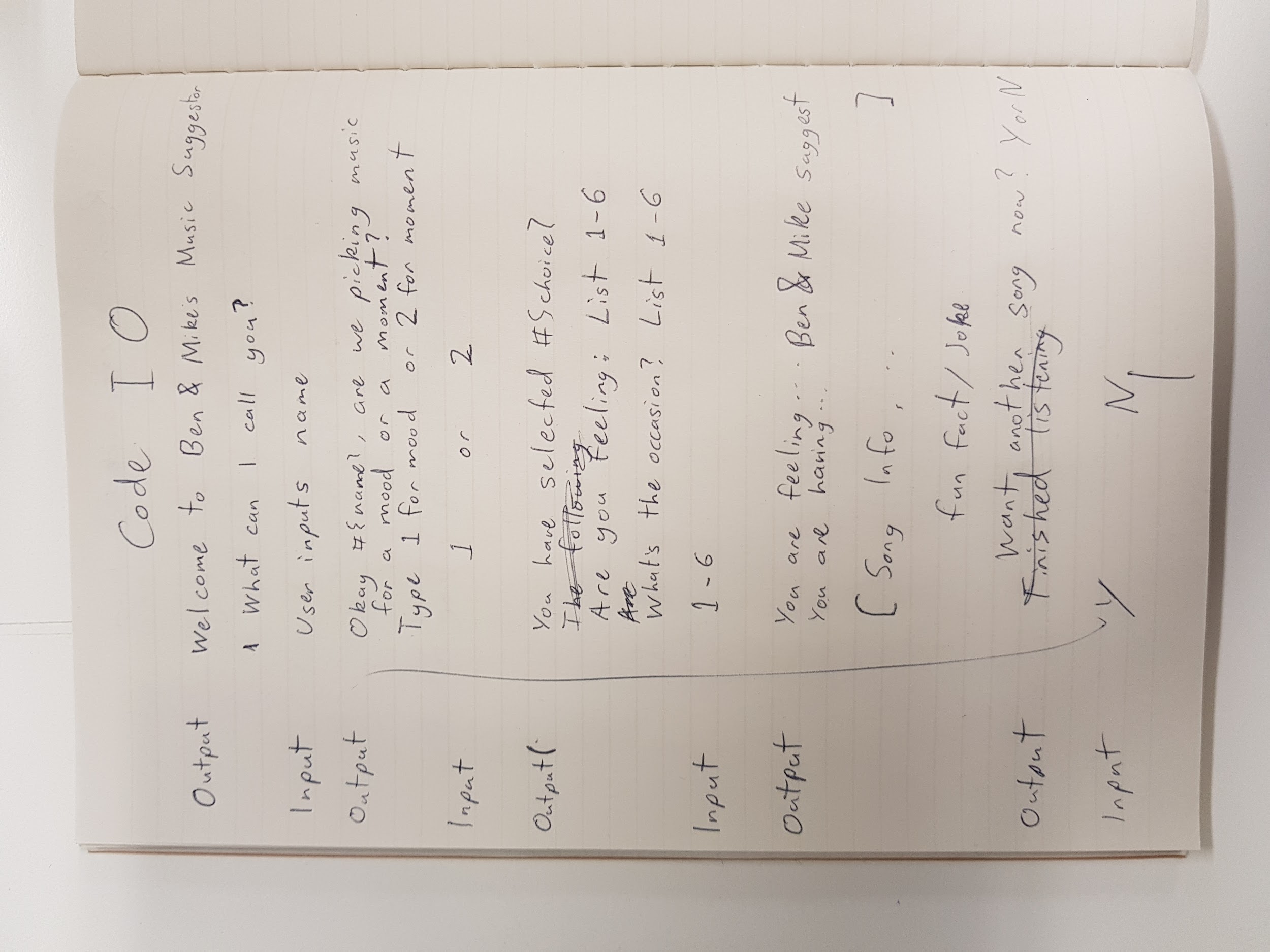
**Problem Statement**

Music apps such as Spotify and Mixcloud provide preset playlists and playlists generated from your listening habits. We think this limits the user.

**User Stories**

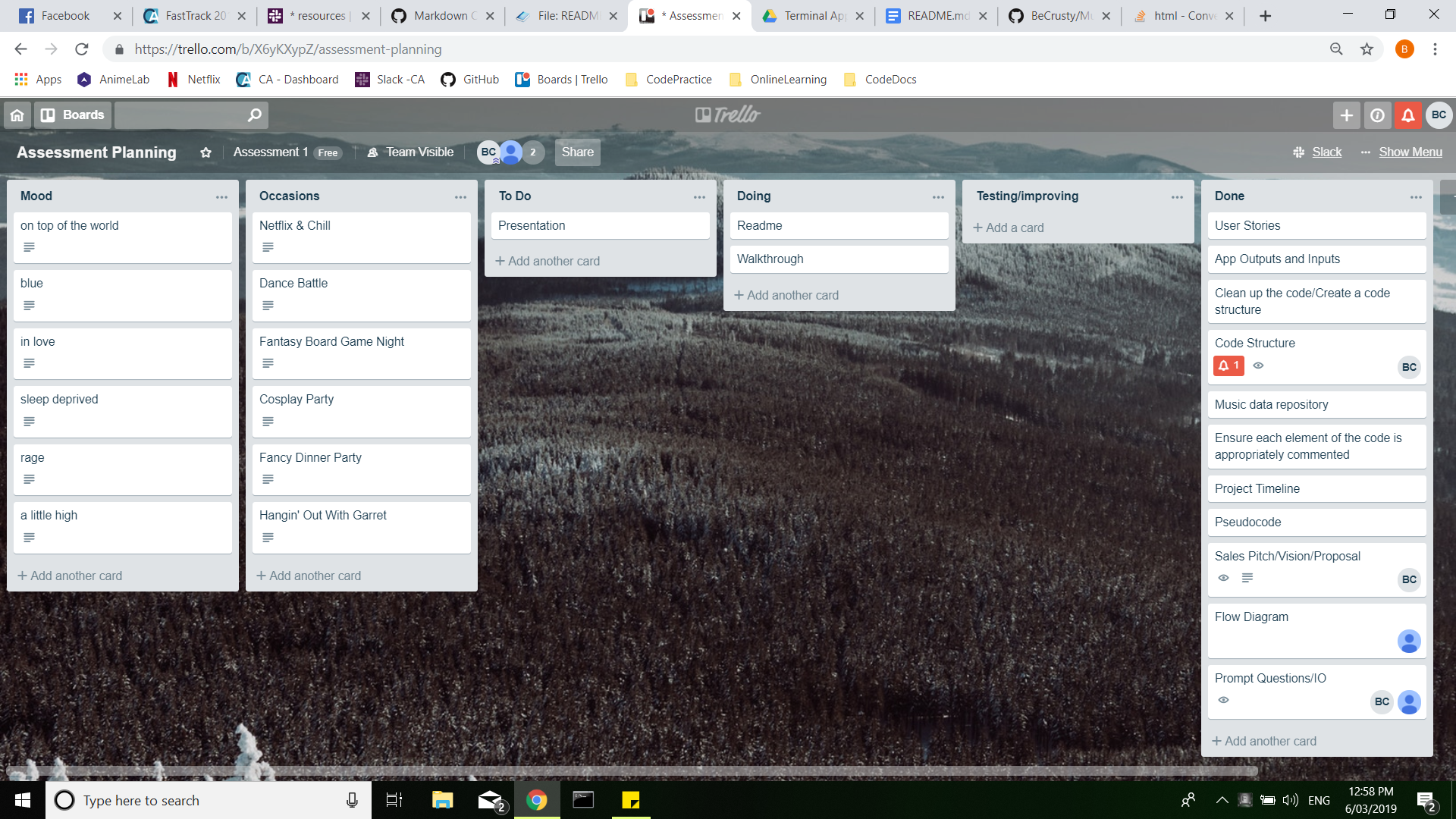
David wants a simple way to discover new music based on how he is feeling.

Karen wants to find a song that fits into an event.

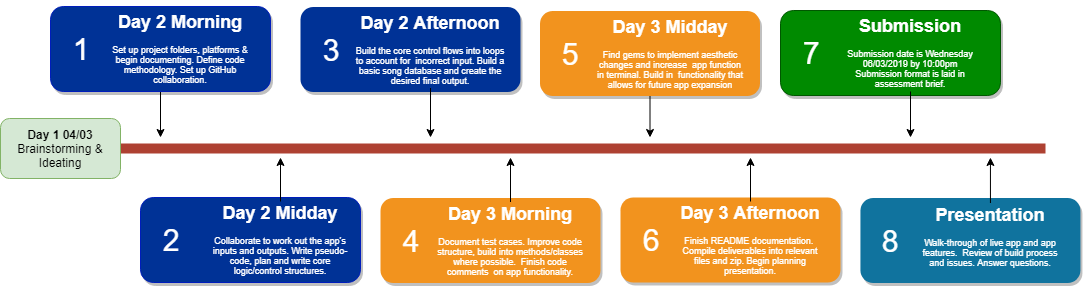


**Trello Boards**

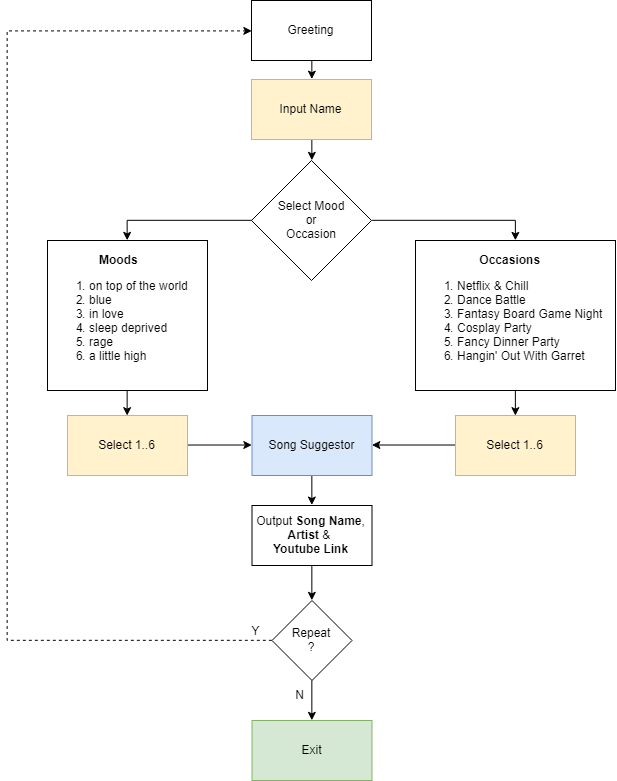
This is the final screenshot of our Trello Board. The rest of our screenshots can be seen in /docs/Trello Screenshots.

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**Project Timeline**

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**User Flow**

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**Test Results**

Screenshots of early testing were saved. Final testing was carried out using the manual testing method and documented in two file named ‘Music\_Suggestor Tests - Features’ and ‘Music\_Suggestor Tests - Test Cases’. These screenshots, and the pdf versions of our excel spreadsheet are stored in /docs/Testing.

**Extras**

**-** Accessibility

* Possible social impact
* Disabilities
* Causing harm or offence?