Vananh Le, Amey Erdenebileg, Yosan Russom, Jack Kelly, Drishan Sarkar

Project Features

- 1. User account spotify login portal
 - a. Functional: Software should be able to connect user accounts on spotify with ease.
 - b. Non-functional: The software should be secure and protected from unauthorized access. (Security)
- 2. Playlists users will be able to create, delete, merging playlists
 - a. Functional: The user grants us an auth token that lets us view their top artists
 - b. Non-functional: The user should be able to easily merge playlists with other users without problems (Low perceived workload & Availability)
- 3. Sort/re-order playlist by different metrics like key or valence
 - a. Functional: User selects options based on how they would like their playlist sorted (Transparency)
 - b. Non-functional: It should be easy for the user to see what actions are performed
- 4. Search look for songs by entering the name or use voice assist to listen part of the song.
 - a. Functional: It needs to recommend or show related songs that the user is trying to find. It helps the user quickly find what they are looking for and the voice assistant can trace a full song using part of a song's melody. It should also allow users to record their search history.
 - b. Non-Functional: Search should be quick and responsive to the user's interactions with it. (Performance & Efficiency of use)
- 5. Analytics graphs of listening habits, information about the users favorite artists
 - a. Functional: The software should be able to take information from the user and portray this information through graphs
 - b. Non-function: users should be able to quickly and easily view their listening habits represented in a user-friendly fashion
- 6. Commenting allow users to comment on each other's playlists/songs
 - a. Functional: Comment will be under the songs and would only show when users click on the drop bar to read comments.
 - b. Non-functional: Commenting should be intuitive and simple for the user to understand the interface buttons, textbox, etc. (Usability)

Project Plan

We will be using the website https://kanbanflow.com/ as our project management tool.

https://kanbanflow.com/board/2ohA11

Project Plan

To-do (12 tasks)

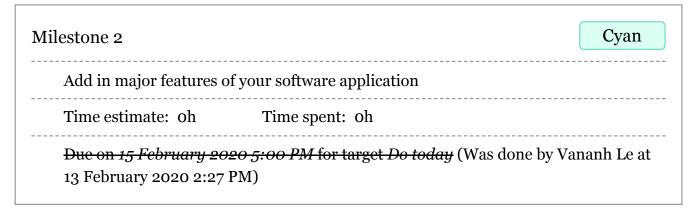
User Account	Blue			
spotify login portal Functional: Software should be able to connect user accounts on spotify Non-functional: The software should be secure and protected from una access. (Security)				
Time estimate: oh Time spent: oh				
Members				
JK Jack Kelly				
Labels: Features				
Due on 21 February 2020 11:59 PM for target Done				
design				
coded				
tested				
Playlists	Green			
user to be able to create delete, & merge playlists				
Time estimate: oh Time spent: oh				
Members				
DS Drishan Sarkar				
Due on 24 February 2020 5:00 PM for target In progress				
design				
coded				
tested				

ort/re-order playlists by metrics		Yellow		
User selects options based on how they would like their playlist sorted				
Time estimate: oh	Time spent: oh			
Members				
AE Amey Erdenebileg	VL Vananh Le			
design coded tested				
Search		Red		
the song. Functional: It needs to rec find. It helps the user quic can trace a full song using record their search history	hould be quick and responsive to the user's int	s trying to e assistant sers to		
Time estimate: 10h	Time spent: oh			
Members YR Yosan Russom				
Due on 26 February 2020	0 5:00 PM for target Done			
design coded tested				

alytics		Orange
provide the users with gr habits	raphs and other pertaining infomation about the	ir listening
Time estimate: oh	Time spent: oh	
Members		
JK Jack Kelly		
Labels: Features		
Due on 28 February 202	20 5:00 PM for target Done	
design		
\bigcirc coded		
tested		
mmenting		Purple
Allow users to comment	on each other's playlists/songs	
Time estimate: oh	Time spent: oh	
Members		
AE Amey Erdenebileg	VL Vananh Le	
Labels: Features		
design		
coded		
tested		
		Cyan
lestone 3		

Milestone 4		Cyan
Time estimate: 0h	Time spent: Oh	
Due on 16 March 2020	11:59 PM for target In progress	
Milestone 5		Cyan
Time estimate: oh	Time spent: oh	
Due on <i>6 April 2020 11</i>	:59 PM for target In progress	
Milestone 6		Cyan
Time estimate: oh	Time spent: oh	
Due on <i>27 April 2020 1</i>	1:59 PM for target Done	
Milestone 7		Cyan
Time estimate: oh	Time spent: oh	
Due on 4 May 2020 11:	59 PM for target In progress	
Milestone 8		Cyan
Time estimate: oh	Time spent: oh	
Due on 4 May 2020 12:	:59 PM for target Done	

Do today (1 task)



In progress (o tasks)

Done (1 task)

