Team #<20>

Team Member Name	PID	UCSD Email ID
Darell Hoei	A14204862	dhoei@ucsd.edu
Christhoper Bernard	A14211658	chbernar@ucsd.edu
Alan Bui	A12909805	apb004@ucsd.edu
Muyun Liu	A53238751	mul046@ucsd.edu
Jingwen Yu	A92142818	jiy236@ucsd.edu
Ibtehal Rizzo	A13344613	irizzo@ucsd.edu

Milestone 2 - Planning Phase

Risk Analysis

Following guidelines on Moodle (Link: https://csemoodle3.ucsd.edu/mod/page/view.php?id=1321)

1.
Risk: Scheduling risk
Description: We all have different class schedules which limits our meeting time
Severity: High
Resolution: We all have commited that for each week, we need to meet at least once. We schedule meetings using when2meet.com and chat via Facebook Messenger.
Status: Resolved

2.
Risk: Technical risk
Description: Some of our laptops' android studio did not work properly during milestone 1, which can hinder our progress in coding, delaying product result.
Severity: Medium
Resolution: Everyone is working in pairs and pairs have to work together since we have at least 3 laptops working
Status: In progress

3.

Risk: Skill risk

Description: Group mates are not familiar with implementing Firebase into the project. We need to adapt and learn to use the system before proceeding deeper into the project.

Severity: Medium

Resolution: Each member will learn Firebase, aside from the lab exercise, before implementing the project to prevent technical bugs due to lack of knowledge.

Status: In-progress

4.

Risk: Emergency risk

Description: Absence of group members in group meetings for emergency reasons, such as illness.

Severity: Small

Resolution: The team members will make sure to communicate the group meetings to the person who is absent. The team members that are not absent should make the group meeting as efficient as it is when the whole group is there.

Status: Resolved

5.

Risk: Communication Risk

Description: Since we are only able to meet on weekends, we might have very few communications among team members. There is a possibility that a team member cannot attend class, resulting in the absence of a stand-up meeting, which is scheduled at every end of class.

Severity: Medium

Resolution: We setup Facebook Messenger group to always update progress of each member's tasks.

Status: Resolved

6.

Risk: Github Usage Risk

Description: Team members are not familiar using Github as a version control system, which can lead to critical issues (e.g. lost data, unsaved work).

Severity: Medium

Resolution: Each confused member will ask for help from other members who are more experienced. They can learn individually regarding Git usage.

Status: In-progress

Team Velocity (efficiency) = 0.3

According to our burndown chart, we missed our own group due dates by a lot, which conclude that we're working at a slower pace than expected. Thus, we're lowering down the team velocity to meet these planned due dates.

Planning Poker

Following guidelines on Moodle (Link: https://csemoodle3.ucsd.edu/mod/page/view.php?id=1321)

Planning Poker result as follows:

US#	Name	Hand (days)	False Assumption Uncovered	Notes
1	App sign in and sign out	6 8 7 6 10 9	Need to implement some database system; Need to learn new Google Plus API	
		9 9 9 9 9 9		Final hand (9 days)
2	Playing music in vibe mode	12 10 8 8 9 10	Modify old score system to fulfill vibe mode requirement	
		10 9 10 9 10 10	Testing needed after modifying	
		10 10 10 10 10 10		Final hand (10 days)

|				
3	Sorting Tracks	3 4 2 2 3 3	Need to create a new class for the sorting system	
		3 3 3 3 3 3		Final hand (3 days)
4	Displaying date, time, place, and last user who played the song	3 3 2 4 3 3	Can use the similar code as last time to get the location and time	
		2 2 2 2 2 2		Final hand (2 days)
5	Downloading tracks from remote sources	6 8 10 6 8 10	Need to learn API to get remote sources	
		8 8 8 8 8 8		
				Final hand (8 days)
6	See the complete track list of an album or Vibe Mode	2 4 3 2 3 3	Can use similar code from last time to display list of songs for album/Vibe Mode rather than all songs in 'raw' directory	
		3 3 3 3 3 3		Final hand (3 days)

URL of ZenHub Project:

https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-20/boards?repos=11 9332515
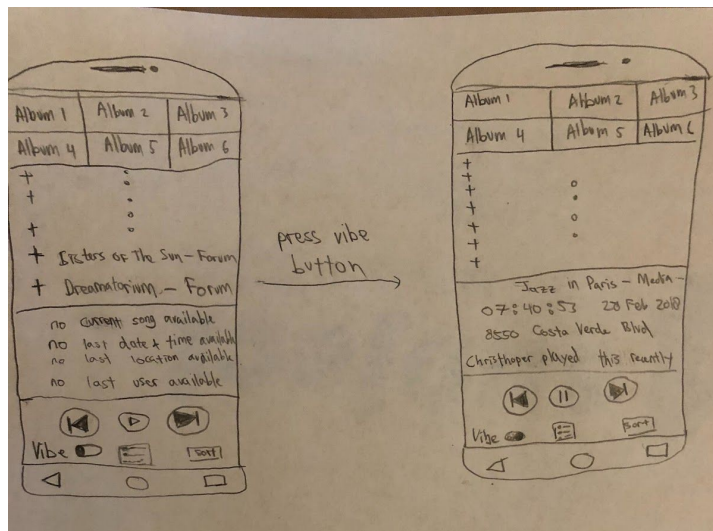
User Interface Progressions/Screens (Wireframes)

Only if you don't store User Stories in ZenHub, insert here, ordered and labelled by User Story
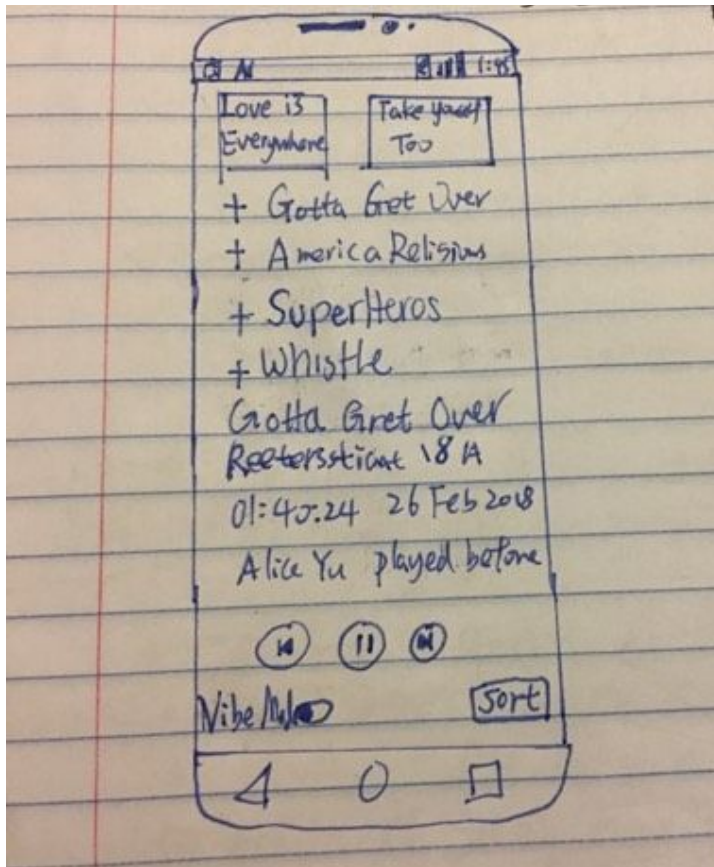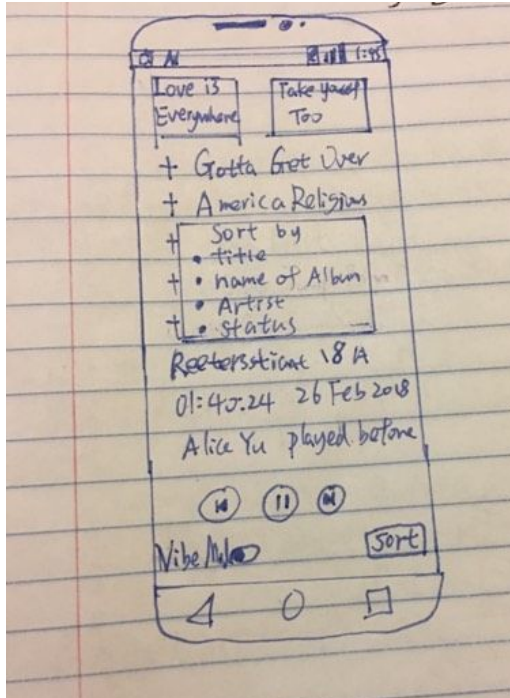
User Story 1: App sign in and sign out
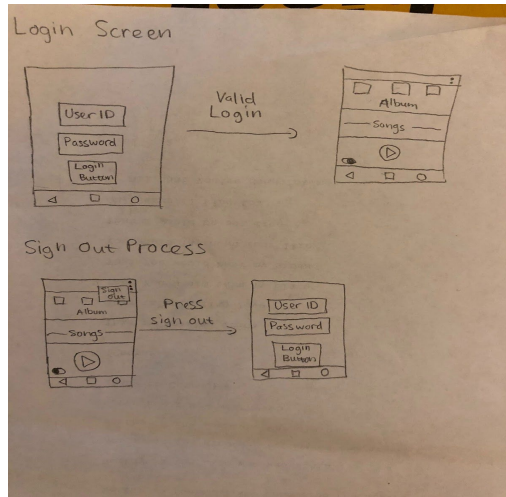
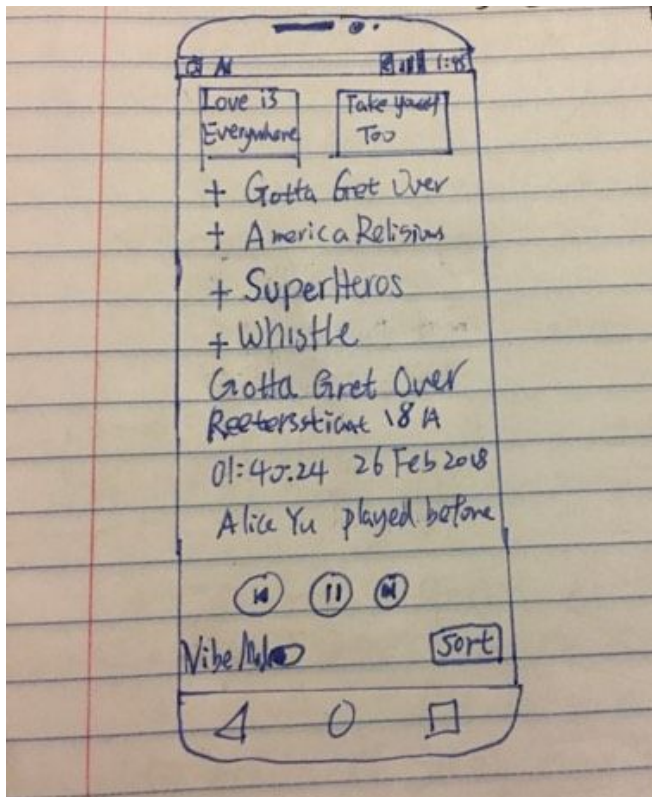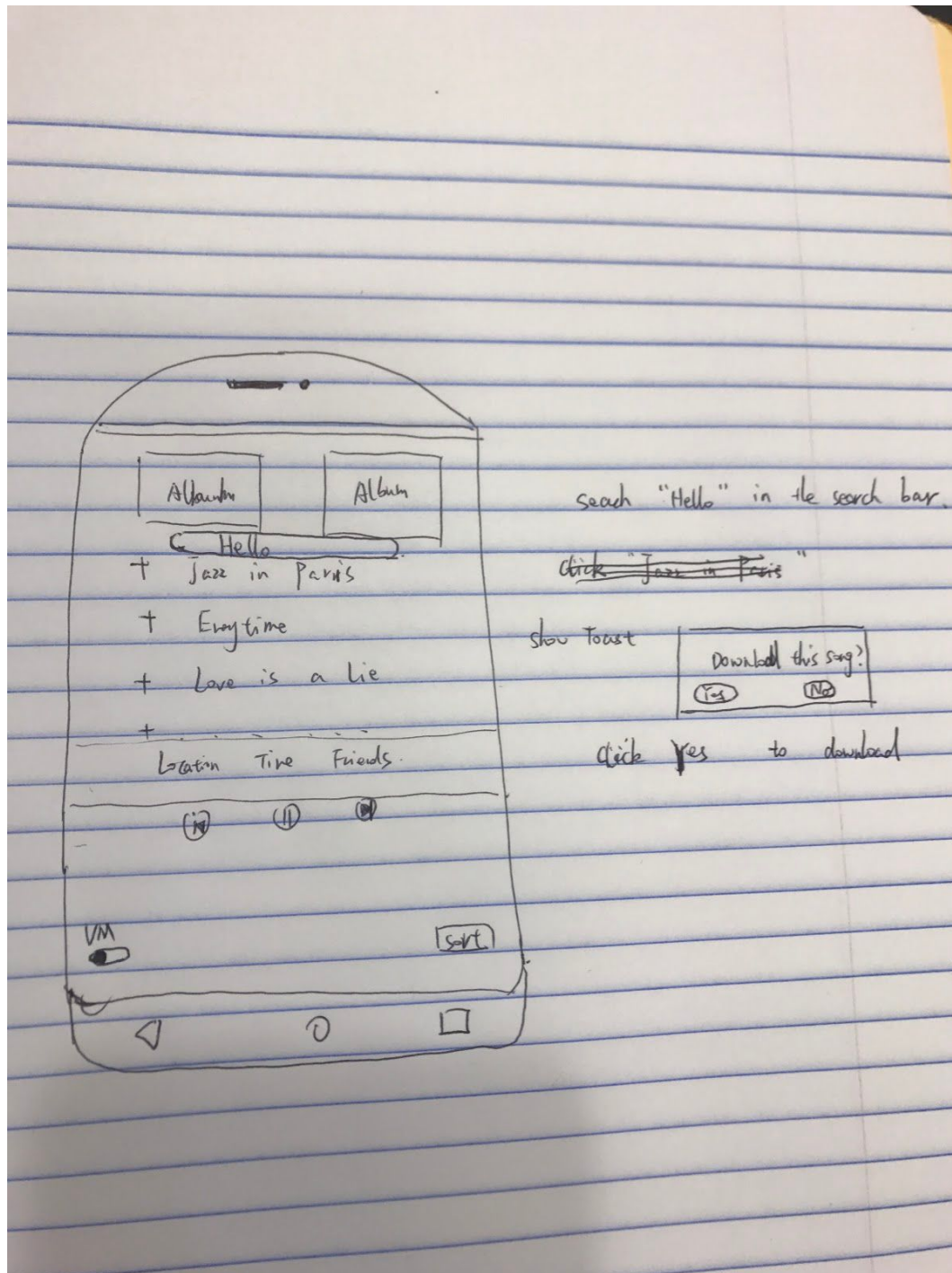User Story 2: Playing music in Vibe mode

User Story 3: Sorting Tracks

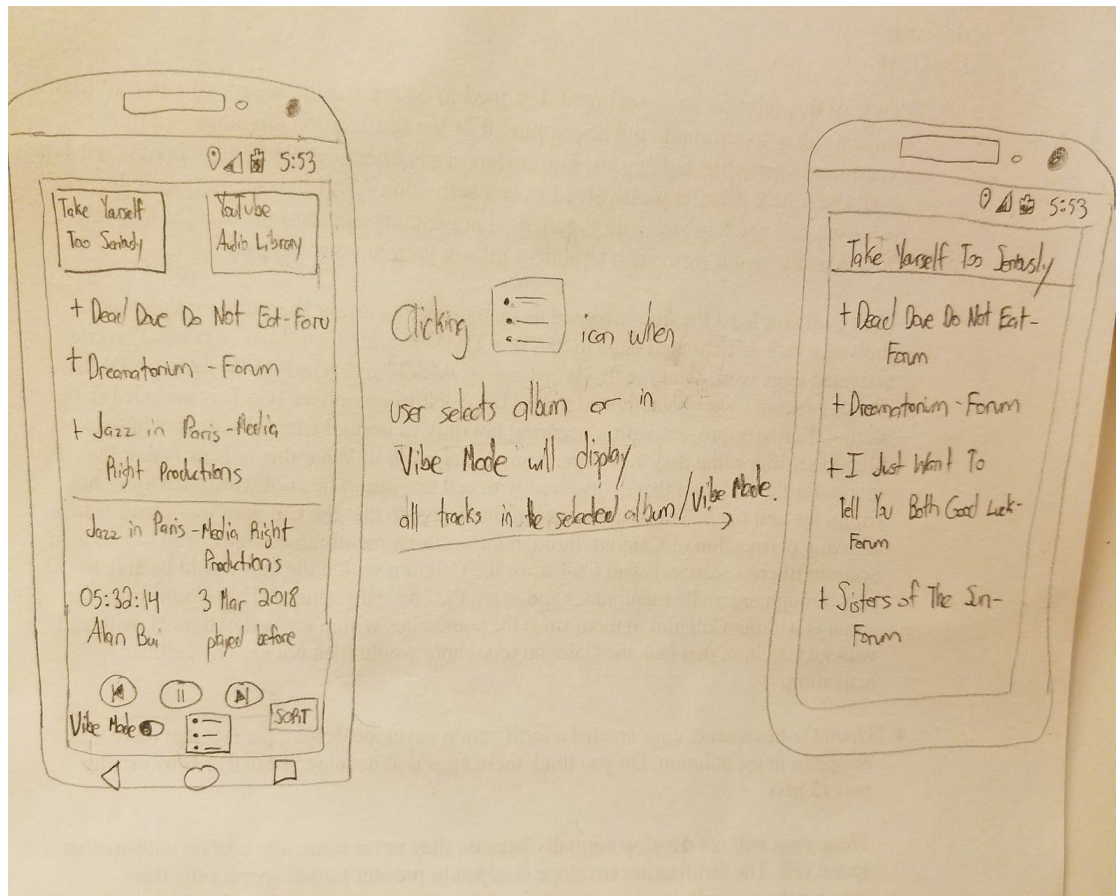After clicking "Sort" button, a small window will pop up as following:

User Story 4: Displaying date, time, place, and last user who played the song

User Story 5: Downloading tracks from remote sources

Search "Hello" in the search bar.

click "Jazz in Paris"

show Toast

Download this song?
(Yes)   (No)

click Yes   to   download

User Story 6: See the complete track list of an album or Vibe Mode

Left phone screen:

◌ ◢ ▤ 5:53

| Take Yarself Too Sarindy | YouTube Audio Library |

+ Dear Dave Do Not Eat-Foru

+ Dreamatonium - Forum

+ Jazz in Paris -Media Right Productions

Jazz in Paris -Media Right Productions
05:32:14   3 Mar 2018
Alan Bui   played before

Vibe Mode ⬤   ⬛   SORT

◁ ♡ ▯

Center notes:

Clicking [≡] icon when

user selects album or in
Vibe Mode will display
all tracks in the selected album / Vibe Mode.

Right phone screen:

◌ ◢ ⬢ 5:53

Take Yarself Too Seriasly

+ Dead Dave Do Not Eat-
    Forum

+ Dreamatonium - Forum

+ I Just Want To
    Tell You Both Good Luck-
    Forum

+ Sisters of The Sin-
    Forum

Take Yourself Too Seriously

+ Dead Dove Do Not Eat - Forum

+ Dreamatorium - Forum

+ I Just Want To Tell
You Both Good Luck -
Forum

+ Sisters of The Sun -
Forum

Clicking [≡] icon again will
return to the previous window

Take Yourself
Too Seriously   YouTube
                       Audio Library

+ Dead Dove Do Not Eat - Forum

+ Dreamatorium - Forum

+ Jazz in Paris - Media Right
Productions

Jazz in Paris - Media Right
                       Productions

05:32:14   3 Mar 2018
Alan Bui   played before

Video Mode ⬤ [≡]   SORT