## **Team #16**

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# Milestone 1 - Planning Phase

## **Risk Analysis**

Milestone 1 Risk Assessment

Risk	Description	Severity	Resolution	Status

No team experience with Android Studio	No one on our team has developed on Android or in Android Studio before. We are all learning at the	High	Learning through labs and individual practice.	

Android Studio	on Android or in Android Studio before. We are all learning at the same time.		individual practice.	
Limited software project development experience	Most team members have no experience with software development cycle	Medium	Learning in class and through readings, and through group interactions.	In Progress
No knowledge of setting up Android music applications	We have not developed anything similar to this before. Don't know how to access local music/software APIs (Spotify, etc.)	Medium	Learning through research and development of the app, and lab 4.	In Progress

No one on our team has used No team experience with Rely on our previous Resolved Low ZenHub

ZenHub before instruction in Lab 2, as well as learn through research and development of the app

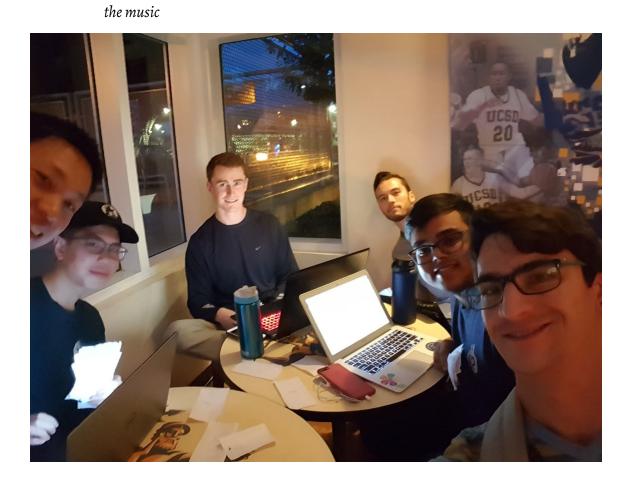
Resolved

Very few common meeting times with the entire team	A sit-down meeting with all six members can only happen once during weekdays, other meetings will only involve a part of the team	High	We all agreed to meet later and during the weekends	Resolved
Someone may drop class	Teammates are free to drop out of class before week 4.	Low	Confirmation that all team members will stay for the duration of the project	Resolved
Not finishing the milestone on time	Bad estimates and bad velocity calculation can lead to delay in product delivery	High	Recaculate velocity and story estimates after each iterations	Resolved

# <u>Planning Poker</u>

User Story Number	User Story Name	Hand	False Assumptions Uncovered
1	User views tracks	8 8 13 13 20 20	Accessing local music files will be trivial.
			Music will be previously organized into albums on the phone.
1		588888	
2	User Plays Music In standard mode	588131320	We have no experience playing media in android
			We are implementing play, pause, skip functionality
2		888888	
3	User plays music in flashback mode	13 20 20 20 20 40	This user story includes tracking information about the current songs being played (time, location, day of the week)

3		13 13 13 20 20 40	The order of songs to be played in flashback mode is previously determined
3		40 40 40 20 20 20	
		We agreed it would be more than 20 but less than 40	
4	User views details of the current track	2358840	We all thought this story included different amounts of work. We don't know how to get user location
4		13 20 20 20 20 40	
5	User favorites a track	555555	
6	User dislikes a track	555555	
7	User returns a track to neutral	555555	
8	User has control over	558888	



# Team Velocity Estimate and Justifications:

Team Velocity

0.65

*Justifications:* 

- 1. Since the meeting times of the entire team is very low, a lot of time is spent on communicating the tasks and understanding what the person wants to say.
- 2. Midterms of other courses during the upcoming weeks will decrease the quality and effective productivity of the team members due to stress and greater workload.
- 3. Overhead in our software. We will need to always maintain the same version of Android studio and our project code in each of our laptops. Additionally, waiting for pull requests to be approved and resolving conflicts will take time.
- 4. Time spent researching coding problems we do not have experience with
- 5. Issues we post on piazza takes some time to get a response. In the meanwhile, the problem is still unresolved and we lose out a fair bit of time.

#### **URL of ZenHub Project:**

https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/boards?repos=119202814

Note: Make sure to cover the below 4 items <u>in</u> your ZenHub project

- User Stories (including UI wireframes, if not included below)
- Tasks
- Iterations
- Scenario-Based System Tests (We recommend a "Developer Story" at the end of the Iteration to hold these, one Task for System Test.)

### <u>User Interface Progressions/Screens (Wireframes)</u>

Here are all the screens for our application. We formatted them as a map of our application as a whole, and how you can navigate from one page to another.

