

## Team #16

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## Milestone 2 - Planning Phase

### Risk Analysis

Following guidelines on Moodle (Link: <https://csemoodle3.ucsd.edu/mod/assign/view.php?id=1329>)

Risk: Someone may drop the class

Description: A team member may choose to drop with a W before the end of MS 2 Delivery.

Severity: Low

Resolution: Confirmation that all team members will stay for the remainder of the project.

Status: Resolved

Risk: Limited time to focus on CSE 110

Description: The quarter is almost over and with finals coming up, team members may need to spend additional time studying for other classes.

Severity: Medium

Resolution: Well-planned iterations and goal setting to prevent tasks from being postponed until right before it's due.

Status: Resolved

Risk: Limited experience with newly required technologies.

Description: Learning Google+ friends, databases and downloading for all teammates might take a long time

Severity: High

Resolution: Team will learn the technologies in lab and through individual research.

Status: Resolved

## Planning Poker

Following guidelines on Moodle (Link: <https://csemoodle3.ucsd.edu/mod/assign/view.php?id=1329> )

User Story Number	User Story Name	Hand	False Assumptions Uncovered
1	User downloads tracks	3 5 5 8 8	Downloading tracks will be covered in lab and won't be difficult
1		5 5 5 8 8	
2	User views all tracks in sorted order	5 5 5 8 13	Sorting in Java is difficult. But sorting can be easily customized using a comparator class
2		5 5 5 5 8	
3	User views upcoming tracks	3 3 3 3 3	
4	User listens to other users' music	20 40 40 40 40	This user story is simpler. But this user story includes interacting with the database as well as the algorithm to prioritize vibe playlist.
4		20 20 40 40 40	We agreed it would be more than 20 but less than 40.
5	User views tracks' last played history	5 5 5 5 8	



## **Team Velocity Estimate and Justifications**

Team Velocity: 0.5

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. Final exams are coming up, teammates will focus more on lecture material and less on project development as the weeks go by. High stress from other sources leads to low productivity.
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. This milestone will include many more tools and services, incorporating all parts and make sure all our Android studios are up and running with these new features 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.
6. From MS1, we concluded that team takes weekends off more often than we estimated.

## **Zenhub**

- *Zenhub Board:*  
<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/boards?repos=119202814>
- *Burndown Chart:*
  - Iteration 1:  
<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/reports?report=burndown&milestoneId=3149049&showPRs=false>
  - Iteration 2:  
<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/reports?report=burndown&milestoneId=3149051&showPRs=false>
- *User Stories:* Insert links to user stories, make sure they are also linked to their respective tasks
  - <https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/issues/83>
  - <https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/issues/84>
  - <https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/issues/85>
  - <https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/issues/86>
  - <https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/issues/87>
  - <https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/issues/88>
  - <https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/issues/123>

- *Scenario-Based System Tests*: Insert links to Scenario-Based System Tests, make sure they are also linked to their respective user stories and iterations
  - <https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/issues/122>

### **User Interface Progressions/Screens (Wireframes)**

*Insert here, ordered and labelled by User Story*

*Also, store them in User Stories in ZenHub*

[https://drive.google.com/file/d/1F\\_msSkMTNFOzHcZee5eihrnp8tiQYOf/view?usp=sharing](https://drive.google.com/file/d/1F_msSkMTNFOzHcZee5eihrnp8tiQYOf/view?usp=sharing)