

Team #5

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Milestone 1 - Planning Phase

Risk Analysis

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

Insert your work here

- **Team Risks**

- Familiarity with Android Studio
 - Description: None of us have any experience with the Android Studio IDE
 - Severity: Medium
 - Resolution: Labs will give us more experience with Android Studio before we start programming
 - Status: Resolved
- Familiarity with Android development
 - Description: None of us have developed Android apps before
 - Severity: High
 - Resolution: We will spend time outside lab learning about Android development

- Status: Resolved
- Familiarity with Github
 - Description: Less experience with version control, potential major merge conflicts
 - Severity: High
 - Resolution: Use Github Desktop for visualizing version control / Git Flow for maintaining branches and avoiding merge conflicts
 - Status: In Progress
- Poor Communication
 - Description: We all just met each other
 - Severity: High
 - Resolution: We're going to do a team bonding night and we will use Facebook to communicate with each other
 - Status: Resolved
- **Project Risks**
 - Implementation of various parts
 - Description: not all of us are familiar with
 - Song choosing algorithm
 - Location services
 - Music playing
 - UI/UX
 - Severity: Medium
 - Resolution: Lab assignment would help us get familiar with more concepts
 - Status: In Progress
 - Scheduling conflicts
 - Description: We all have other classes and extracurricular activities to attend to as well as this class
 - Severity: High
 - Resolution: We filled out a doodle poll to find the best times to meet. We will also do stand-up meetings after class MWF.
 - Status: Resolved
- **Initial Velocity: 0.5**
 - Reason: Considering all the risks above, we would like to start on the lower end and work our velocity up and the team gets familiar with android and the project itself

Planning Poker

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

Insert your work here



Story #	Title	Hand	False Assumptions uncovered
1	A music player that plays songs from a music directory	5, 13, 48, 48, 24, 48	<ul style="list-style-type: none">• We already know how to make the user interface from lab but that music player was super simple• Local database seems easy, but never actually done it• We didn't take into account testing• Git problems for sure
1.1	A music player that plays songs from a music directory	10, 24, 36, 48, 6, 24	<ul style="list-style-type: none">• Have to look up the documentation for android development
1.2	A music player that plays songs from a music directory	Agreed on 24	

		hours	
2	A homepage for navigating the music player	24, 3, 9, 5, 13, 5	<ul style="list-style-type: none"> • Didn't account for how to load the songs into the music player • Espresso tests for the UI • We're mostly backend people
2.1	A homepage for navigating the music player	11, 13, 13, 13, 13, 13	<ul style="list-style-type: none"> • Devices with different resolutions
2.2	A homepage for navigating the music player	Agreed on 13	
3	Flashback feature	36, 36, 48, 13, 13, 168	<ul style="list-style-type: none"> • Didn't think about testing by simulating location (edge cases for locations) • Didn't think about the debugging process • Didn't account for favorite/unfavorite songs
3.1	Flashback feature	36, 24, 36, 36, 24, 30	<ul style="list-style-type: none"> • Didn't account for recently played songs as well and how they affect the algorithm
3.2	Flashback feature	Agreed on 30	
4	Favoriting and Disliking songs	4, 24, 5, 13, 3, 1	<ul style="list-style-type: none"> • Some of us thought that this task was messing with the algorithm but that was the previous task
4.1	Favoriting and Disliking songs	3, 3, 6, 9, 8, 10	<ul style="list-style-type: none"> • Didn't account for how long testing will take
4.2	Favoriting and Disliking songs	Agreed on 6	

URL of ZenHub Project:

Insert ZenHub URL here:

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-5/boards?repos=119737088>

Note: Make sure to cover the below 4 items **in** 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.)

User Interface Progressions/Screens (Wireframes) *Only if you don't store User Stories in ZenHub, insert here, ordered and labelled by User Story*

