

Team #13

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Milestone 2 Planning Phase

Risk Analysis:

Risk: At least half of us don't own an Android device

Description: Not owning our own Androids make testing slower and prevents us from learning common Android app conventions (UI design, app integration, etc).

Severity: Low

Resolution: Use Android Studio's integrated Android emulators for testing and consult Bill/friends/Internet for Android conventions.

Status: Resolved

Risk: Not enough time to meet

Description: We have only 2 hours a week in common where we can all meet because some of us live off-campus and are not able to meet on the weekends

Severity: High

Resolution: We have blocked off the those hours in our schedules. We will do our stand-ups daily before class.

Status: resolved

Risk: Other courses have big time investment assignments

Description: Andrew has one HUM 4 essay due on 3/5/18

Andrew has a midterm on 3/1/18

Elijah has a MATH 142B midterm on 2/23/18

Severity: Medium

Resolution: We will designate certain hours of the day for working on this project, and other hours for focusing on our other assignments

Status: Resolved

Risk: No prior experience connecting friends through an app

Description: None of us have prior experience working an app to connect friends across the app

Severity: High

Resolution: We will have to do research online to learn how to connect friends and anonymous users across devices. Could potentially have a lab that covers this topic.

Status: Resolved

Risk: No prior experience loading tracks from a remote source and saving data in the remote source.

Description: We only have experience loading music from local files in the phone. We also have to figure out which source to load tracks from.

Severity: High

Resolution: We will have to do research online to learn how to load tracks from a remote source. Could potentially have a lab that covers this topic.

Status: Resolved

Risk: No prior experience accessing Google+ information

Description: None of us have any experience having a sign in for Google+ to access friends.

Severity: High

Resolution: We will have to do research on how to implement the Google+ API to our app. Could potentially have a lab that covers this topic.

Status: Resolved

Risk: Side Project

Description: Kazutaka has a side project in a student startup that could take up some of his time and focus

Severity: Medium

Resolution: He will prioritize this project as it affects his grade.

Status: Resolved

Risk: MVC not able to meet with team to set User Story priorities

Description: Not be able to communicate with the customer about priorities may increase inaccuracies and miscommunication/tensions as far as what the app should entail.

Severity: Low

Resolution: Communication through piazza with the customer as well as preparing for changes in the next iterations/milestones will be considered

Status: Resolved

Starting Velocity: 0.4

Justification: We've gotten some experience working in a group setting and also have gained experience working with Android. We estimated our timeline pretty well last time, so we may not need to adjust our velocity. This is because we all have other courses and extracurricular activities to attend to, and cannot focus all of our time on this project. Also, there may be some new features we have to learn how to implement, such as Google+ API and downloading from a remote source.

Planning Poker:



Story #	Story Name	Hand	False Assumptions Uncovered
1	Google+ Login	2 4 6 3 5 6	Much of the Google+ API is written for us
1	Google+ Login	3 4 4 5 5 4	None
2	Song Display	4 4 4 2 3 8	We are going to store the last user who played a song in the remote source

2	Song Display	4 3 2 3 3 4	None
3	How Vibe Mode Works	10 8 10 10 8 10	None
4	Track Preview	7 5 4 5 5 5	Instead of splitting our SongActivity in two, we are just going to have a button to show the songs up next
4	Track Preview	5 5 5 5 5 5	None
5	Sort tracks	5 4 5 5 6 4	None
6	Share the song history	? 10 8 4 10 5	It wasn't very clear as to how to save the data in the remote data source
6	Share the song history	8 10 8 8 10 10	None
7	Download music	? 15 12 15 20 ?	We are assuming user downloads music on their own and stores the tracks in the downloads folder
7	Download music	12 12 10 10 12 10	None

Zenhub:

Board:

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/boards?repos=119331367>

Iteration 1 burndown:

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/reports?report=burndown&milestoneId=3149031&showPRs=false>

Iteration 2 burndown:

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/reports?report=burndown&milestoneId=3149034&showPRs=false>

User Stories:

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/92>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/93>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/94>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/95>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/96>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/97>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/98>

Scenario Based System Tests:

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/129>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/130>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/131>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/132>

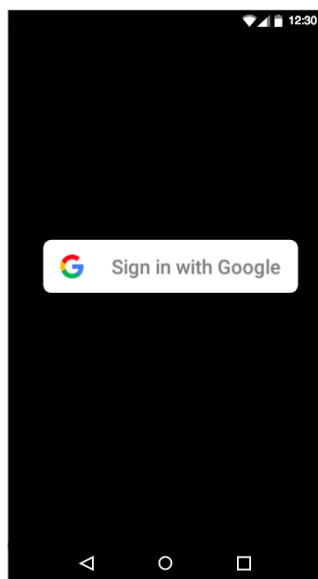
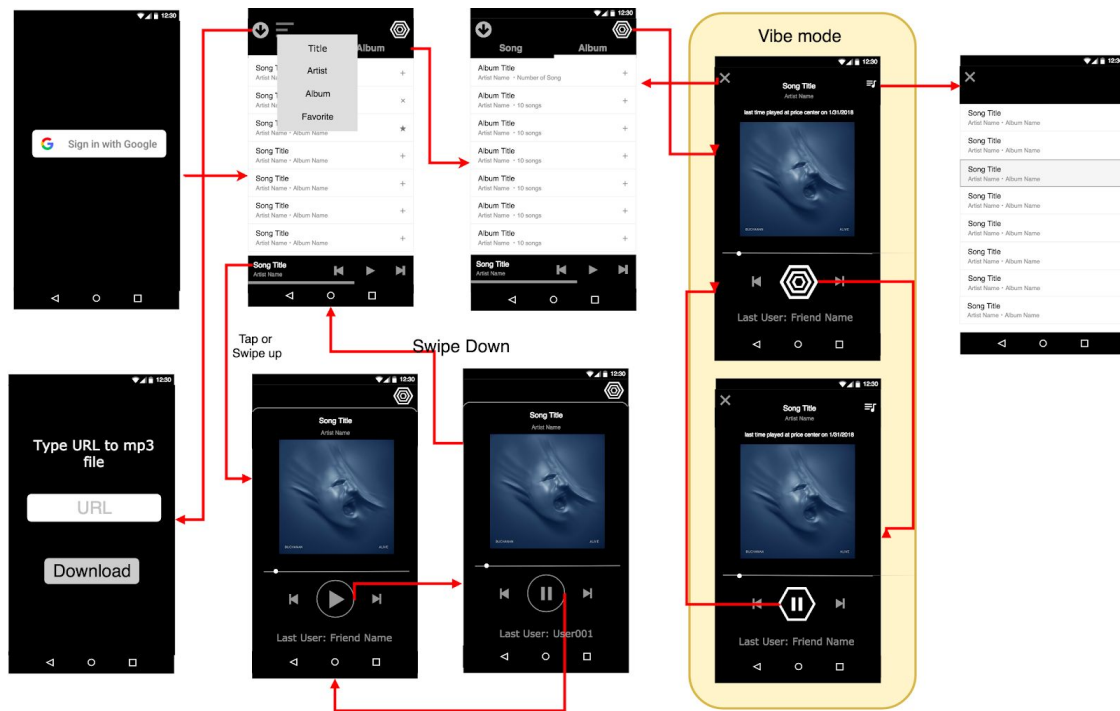
<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/133>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/134>

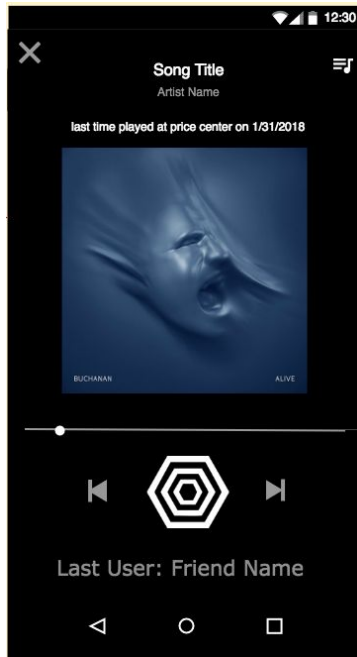
<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/135>

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-13/issues/136>

User Interface Progressions/Screens(Wireframes):



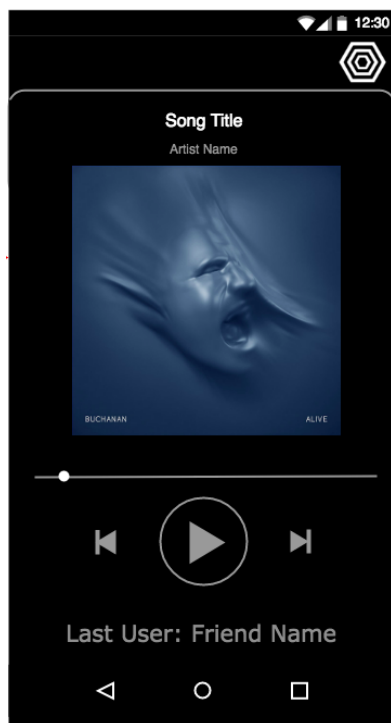
User Story: Google + Login
Iteration 1



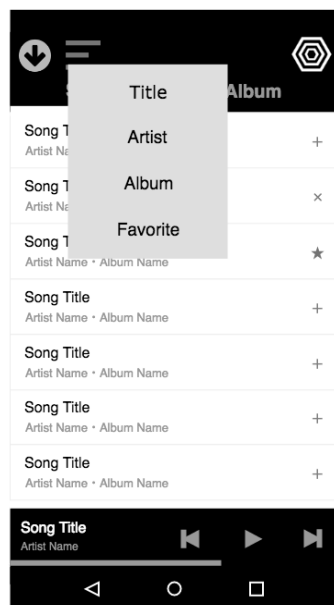
User Story: How Vibe Mode Works
Iteration 1



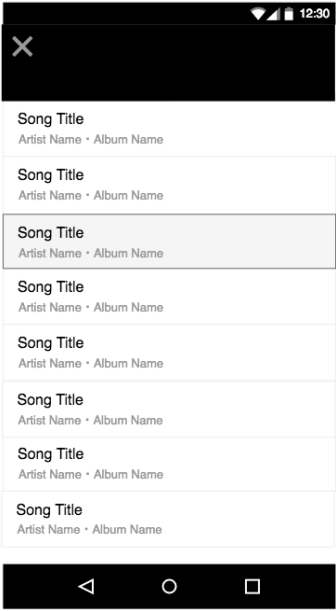
User Story: Download Music
Iteration 1



User Story: Song Display
Iteration 2:



User Story: Sort Tracks
Iteration 2



User Story: Track Preview
Iteration 2