Team 9

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Milestone 2 - Planning Phase

Risk Analysis

Risk 1 : Hard to estimate the time to complete user stories/tasks
Description : We don't currently know exactly how to implement it.
Severity : High
Resolution : We first need to document the skills/things required to complete the tasks, learn them and then come up with a viable estimate.
Status : resolved

Risk 2: Schedule conflict
Description: Hard to communicate and establish a working schedule with everyone.
Severity: Medium
Resolution: An excel sheet with all the free hours that is updated as often as possible. Using slack to communicate at all points of time.
Status: resolved

Risk 3: Miscommunication among team members
Description: Can't get instantaneous feedback after distributing tasks
Severity: High
Resolution: May hold fixed small meeting everyday, like "standup meetings". During the meeting, update the tasks and problems someone may get.
Status: resolved

Risk 4: Unfamiliar with database
Description: None of people in group have ever used any database before.
Severity: High
Resolution: Do more research and work on the lab
Status: resolved

Risk 5: Pressure from final week
Description: The project is due right before final week and the group members may need to review for the final.
Severity: medium

Resolution: Try to do more work before the last week
Status: resolved

Velocity: 0.6
Justification: Suppose that everyone will take a rest during weekend, three programmers are taking a time-consuming class, and all programmers get to prepare for their final exams starting from the week after the next week. Everyone can devote on average 8 hours every week on the project. And there are 55 person-hours in total for this milestone. So the velocity is approximately 60 / 6*8*2 = 0.6

Planning Poker

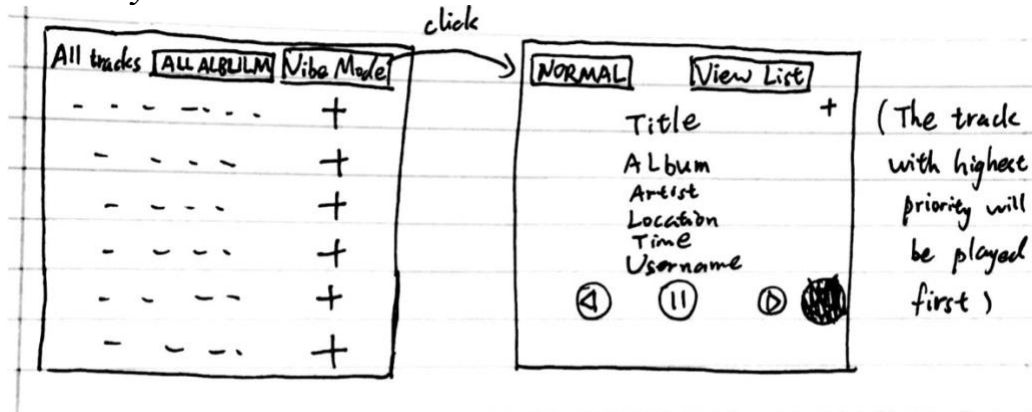| User Story #	Name	Hand	False Assumptions uncovered
1	Listen to the tracks in the Vibe Mode	12 16 10 8 15 16	1. The downloading functionality works fine 2. Firebase is an efficient database with high performance in fetching data 3. Have done the priority coding part before, so should be easy if we are going to implement new rules
1	Listen to the tracks in the Vibe Mode	15 15 15 15 15 15	None
2	View the currently playing playlist	6 8 7 9 7 10	1. This playlist is only for viewing.
2	View the currently playing playlist	7 7 7 7 7 7	None

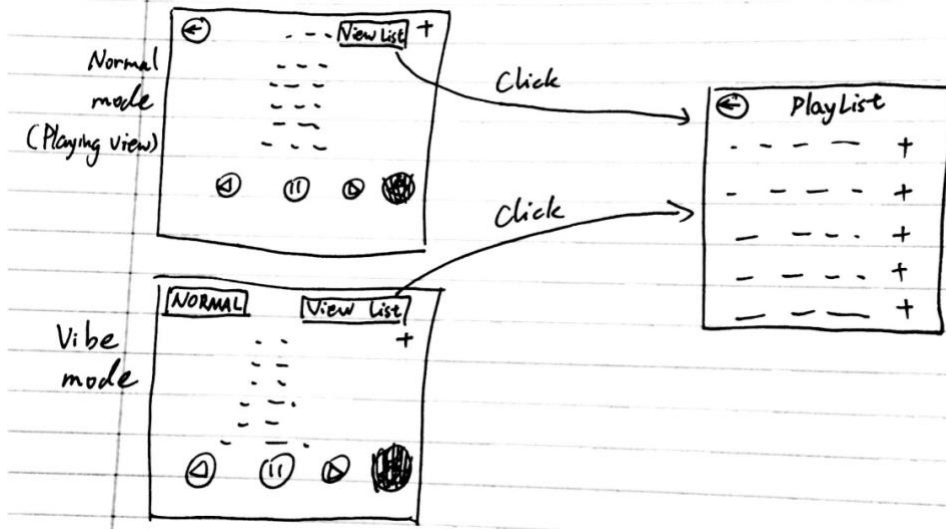|			
3	Download tracks from remote sources	16 13 16 20 16 15	1. We don't need to implement the download functionality by ourselves. The website will do it for us 2. The storage of the phone is enough for downloading tracks 3. The downloaded tracks can be recognized by Android's filedescriptor and mediaplayer
3	Download tracks from remote sources	16 16 16 16 16 16	None
4	Display the playlist in selected order	10 8 10 10 10 12	1. If some tracks don't have certain fields and we are sorting them based on this field, we should throw them to the bottom 2. If sorting by favorite status, all liked tracks are treated equally and the order between them doesn't matter
4	Display the playlist in selected order	10 10 10 10 10 10	None
5	Display information about a track	5 5 7 10 8 7	1. Assume users that use our product have always been logged in their google account
5	Display information about a track	7 7 7 7 7 7	None

Zenhub

- *Zenhub Board: https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-9/boards?repos=119748691*

- *Burndown Chart: https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-9/reports?report=burndown&milestoneId=3146744&showPRs=false*

- *User Stories:* Insert links to user stories, make sure they are also linked to their respective tasks
  User Story 1: https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-9/issues/77
  User Story 2: https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-9/issues/78
  User Story 3: https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-9/issues/79
  User Story 4: https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-9/issues/80
  User Story 5: https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-9/issues/81

- *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-9/issues/100
  https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-9/issues/102
  https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-9/issues/104

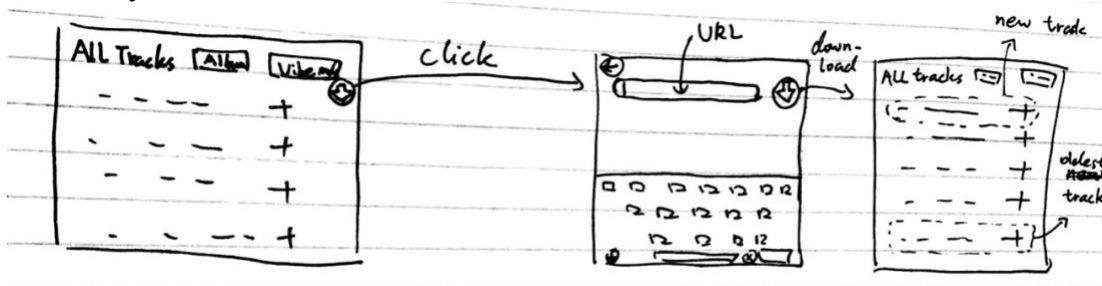## User Interface Progressions/Screens (Wireframes)

User Story 1:

User Story 2:

User Story 3:

User Story 4:

User Story 5: