

Team #16

Team Member Name	PID	UCSD Email ID
Aaron Cintron	A12328950	acintron@ucsd.edu
Sida Qin	A13779898	siqin@ucsd.edu
Raman Prasad	A15361559	r6prasad@ucsd.edu
Shuo Chen	A53221773	shc295@ucsd.edu
Luke Jervis	A12296583	ljervis@ucsd.edu

Milestone 1 - Delivery Phase

Refer the grading rubric (link: <https://csemoodle3.ucsd.edu/mod/page/view.php?id=1326>) for more details.

Here we are following a sample repository (github.com/CSE-110-Winter-2018/Default-Repository) to provide sample links for code snippets, branch etc. as per requirements.

Remember to push this document in the *docs* folder of your project in the branch “milestone1_delivery”, like: github.com/CSE-110-Winter-2018/Default-Repository/blob/milestone1_delivery/docs/Milestone1_DeliveryPhase.pdf

Software design

1. Checkout a new branch “milestone1_delivery” , push the final code to it and provide a link to the code folder of your team project repository on Github
https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-16/tree/milestone1_delivery
2. Provide an example or two from your code (best if you insert relevant links to code snippets) where SRP & DRY were demonstrated.

Example: You can provide the link to a code snippet in Github as

https://github.com/CSE-110-Winter-2018/Default-Repository/blob/milestone1_delivery/MyApplication/app/src/main/java/com/andriod/helloworld/MainActivity.java#L23-L27

Notice how specific line numbers in the concerned source code file have been mentioned in the URL above.

We have Song objects that are responsible for knowing its name, which album it belongs to and all relevant information. A Song performs all functions regarding itself, including getting its name, album and artist, setting its score, and getting the last time and location it was played.

https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-16/blob/milestone1_delivery/app/src/main/java/com/example/ajcin/flashbackmusicteam16/Song.java

We have Album objects that have instances of Song objects that are responsible for returning the Songs that are in the Album as well as knowing its attributes (name, artist...).

https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-16/blob/milestone1_delivery/app/src/main/java/com/example/ajcin/flashbackmusicteam16/Album.java#L41

We have a FlashBackMode class that have Song objects that is responsible for calculating the priorities of the Songs in flashback mode.

https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-16/blob/milestone1_delivery/app/src/main/java/com/example/ajcin/flashbackmusicteam16/FlashbackMode.java#L41

https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-16/blob/milestone1_delivery/app/src/main/java/com/example/ajcin/flashbackmusicteam16/AlbumView.java#L269

Because multiple media files are played during a session of the app, we have created a function to start the media player with the new media. This method is called everywhere whenever a new song needs to be played, so it is DRY.

(optional) Screencast - demo of all milestone requirements

Screencast of your app either on a real Android device or an emulator covering all the required points in the “demo” section of the grading rubric (link: <https://csemoodle3.ucsd.edu/mod/page/view.php?id=1326>).

Note: The screencast is optional, the actual demo will be in-person, details about which shall be posted soon.

Helpful link to know more about screencasts and ways to capture it:

<http://edutechwiki.unige.ch/en/Screencast>

Testing

Link(s) to all the JUnit and/or Espresso tests and logs of untestable non-trivial methods.

<https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-16/tree/master/app/src/androidTest/java/Tests>

<https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-16/tree/master/app/src/androidTest/java/com/example/ajcin/flashbackmusicteam16>

ZenHub

1. Insert a valid link to your Zenhub board covering all the required points from the rubric
<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/boards?repos=119202814>
2. Insert a valid link to the burndown chart
<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-16/reports?report=burndown&milestoneId=3082469&showPRs=false>

GitHub

1. Insert a valid link to the contribution chart of all the contributors,
<https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-16/graphs/contributors>
Raman and Sida were mainly doing paired-programming so they were only pushing on Sida's github account.
2. Checkout a new branch "milestone1_delivery" , push the final code to it and provide a link to it for final code review
https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-16/tree/milestone1_delivery