

## Team #31

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## 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](https://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](https://github.com/CSE-110-Winter-2018/Default-Repository/blob/milestone1_delivery/docs/Milestone1_DeliveryPhase.pdf)

### Software design

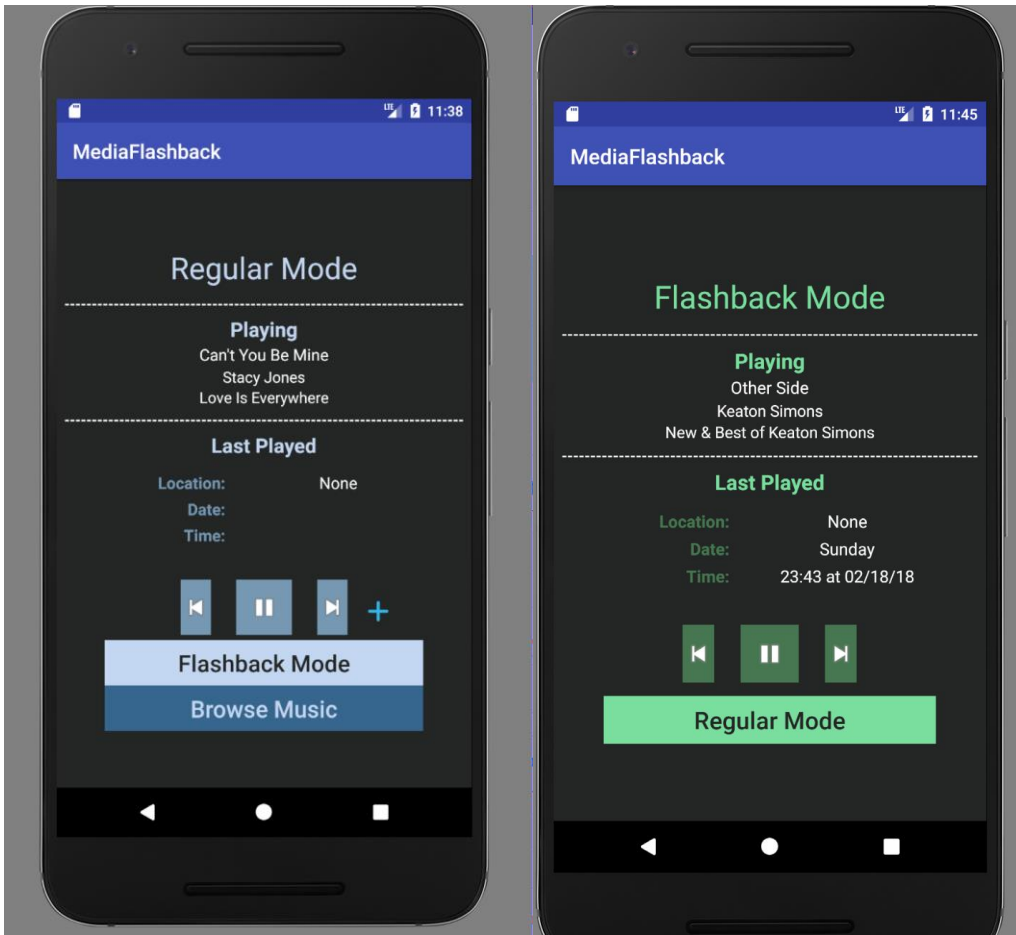
1. [https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/tree/milestone1\\_delivery](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/tree/milestone1_delivery)

SRP Example: StorageHandler: This class is an example of SRP because it only has a single purpose: to store and retrieve information about each song.

DRY Example: MusicPlayer: MusicPlayer handles all functions pertaining to playing music. This is an example of DRY because of the FlashbackPlayer, which is a subclass of musicPlayer, but with some

added functionality for the flashback mode. Making this a subclass allowed us to not have to write a lot of duplicate code.

### **(optional) Screencast - demo of all milestone requirements**



### **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-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UITNormal.java#L90](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UITNormal.java#L90)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UITNormal.java#L110](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UITNormal.java#L110)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L120](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L120)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L142](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L142)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L164](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L164)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L226](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L226)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L259](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L259)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L273](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L273)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L282](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/UiNormal.java#L282)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L62](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L62)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L76](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L76)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L108](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L108)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L123](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L123)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L133](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L133)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L168](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicQueue.r.java#L168)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MainActivity.java#L200](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MainActivity.java#L200)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L206](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L206)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L75](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L75)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L89](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L89)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/FlashbackPlayer.java#L67](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/FlashbackPlayer.java#L67)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/FlashbackPlayer.java#L76](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/FlashbackPlayer.java#L76)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/FlashbackPlayer.java#L81](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/FlashbackPlayer.java#L81)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/FlashbackPlayer.java#L92](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/FlashbackPlayer.java#L92)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/FlashbackActivity.java#L207](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/FlashbackActivity.java#L207)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L120](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L120)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L137](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L137)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L149](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L149)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L158](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L158)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L178](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L178)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L202](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L202)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L222](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L222)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L235](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L235)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1\\_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L241](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/blob/milestone1_delivery/MediaFlashback/app/src/main/java/com/gaparmar/mediaflashback/MusicPlayer.java#L241)

Something like this: [https://github.com/CSE-110-Winter-2018/Default-Repository/blob/milestone1\\_delivery/MyApplication/app/src/main/java/com/andriod/helloworld/MainActivity.java#L23-L27](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.*

SRP Example:

## **ZenHub**

1. <https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-31/boards?repos=119226356>
2. <https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-31/reports?report=burndown>

## **GitHub**

1. <https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/graphs/contributors>
2. [https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/tree/milestone1\\_delivery](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-31/tree/milestone1_delivery)