

# Team #15

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## Milestone 1 - Delivery Phase

### 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-15-1/tree/Milestone1\\_Delivery](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/tree/Milestone1_Delivery)

#### SRP and DRY Example 1:

The use of a Metadata getter class with the single purpose of encapsulating the functionality of accessing a song's metadata, in order to avoid having to repeat the code to do so many times over multiple different activities. For example, instead of repeating the code to get a song's name based on its media ID in multiple activities, we made a getSongName method, shown in the snippet below:

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/main/java/com/example/tydia/cse\\_110\\_team\\_project\\_team\\_15\\_1/MetadataGetter.java#L32-L38](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/main/java/com/example/tydia/cse_110_team_project_team_15_1/MetadataGetter.java#L32-L38)

#### SRP and DRY Example 2:

The use of a FlashbackList class, in order to contain the logic of generate a flashback list based on the current location and time settings. The methods from this class could simply then be called from FlashBackActivity, rather than having to repeat long lines of code multiple times within the activity itself. The main example of such a method is shown in the snippet below:

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/main/java/com/example/tydia/cse\\_110\\_team\\_project\\_team\\_15\\_1/FlashBackList.java#L36-L99](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/main/java/com/example/tydia/cse_110_team_project_team_15_1/FlashBackList.java#L36-L99)

## **Testing**

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

(Files mentioned below without line numbers are composed entirely of line numbers):

JUnit Tests:

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/androidTest/java/JUnitTests/FlashBackListTester.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/androidTest/java/JUnitTests/FlashBackListTester.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/androidTest/java/JUnitTests/GPXTester.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/androidTest/java/JUnitTests/GPXTester.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/androidTest/java/JUnitTests/MockTimeTester.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/androidTest/java/JUnitTests/MockTimeTester.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/androidTest/java/JUnitTests/MetadataTester.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/androidTest/java/JUnitTests/MetadataTester.java)

Espresso tests:

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/androidTest/java/EspressoTests/UITestExistenceOfAlbumsList.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/androidTest/java/EspressoTests/UITestExistenceOfAlbumsList.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/androidTest/java/EspressoTests/UITestExistenceOfFlashbackButtons.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/androidTest/java/EspressoTests/UITestExistenceOfFlashbackButtons.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/androidTest/java/EspressoTests/UITestExistenceOfSongList.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/androidTest/java/EspressoTests/UITestExistenceOfSongList.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/androidTest/java/EspressoTests/UITestFlashbackButtons.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/androidTest/java/EspressoTests/UITestFlashbackButtons.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1\\_Delivery/app/src/androidTest/java/EspressoTests/UITestGoBackButton.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1_Delivery/app/src/androidTest/java/EspressoTests/UITestGoBackButton.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/androidTest/java/EspressoTests/UITestSongInfoDisplayed.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/androidTest/java/EspressoTests/UITestSongInfoDisplayed.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/androidTest/java/EspressoTests/UITestSongPlayButtons.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/androidTest/java/EspressoTests/UITestSongPlayButtons.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/androidTest/java/EspressoTests/UITestSwitchBtnPlayAndPause.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/androidTest/java/EspressoTests/UITestSwitchBtnPlayAndPause.java)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/androidTest/java/EspressoTests/UITestSwitchingModeButtons.java](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/androidTest/java/EspressoTests/UITestSwitchingModeButtons.java)

Non-trivial Logs:

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/SongInfoActivity.java#L229](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/com/example/tydia/cse110teamprojectteam151/SongInfoActivity.java#L229)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L67](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/comf/example/tydia/cse110teamprojectteam151/database.java#L67)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L72](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/comf/example/tydia/cse110teamprojectteam151/database.java#L72)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L77](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/comf/example/tydia/cse110teamprojectteam151/database.java#L77)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L93](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/comf/example/tydia/cse110teamprojectteam151/database.java#L93)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L118](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/comf/example/tydia/cse110teamprojectteam151/database.java#L118)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L143](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/comf/example/tydia/cse110teamprojectteam151/database.java#L143)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L175](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/com/example/tydia/cse_110_team_project_team_15_1/database.java#L175)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L190](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/com/example/tydia/cse_110_team_project_team_15_1/database.java#L190)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L203](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/com/example/tydia/cse_110_team_project_team_15_1/database.java#L203)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L219](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/com/example/tydia/cse_110_team_project_team_15_1/database.java#L219)

[https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1 Delivery/app/src/main/java/comf/example/tydia/cse 110 team project team 15 1/database.java#L233](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/blob/Milestone1%20Delivery/app/src/main/java/com/example/tydia/cse_110_team_project_team_15_1/database.java#L233)

## **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-15-1/boards?repos=119942516>

2. Insert a valid link to the burndown chart

<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-15-1/reports?report=burndown&milestoneId=3083109&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-15-1/graphs/contributors>

Some imbalances in the number of commits by each member is mainly due to pair programming and the fact that in the final two days before submission, the members were all working together and not necessarily using their own laptops/github accounts.

Additionally, there are seven contributors because one of our members accidentally made some contributions with a separate, personal 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-15-1/tree/Milestone1\\_Delivery](https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-15-1/tree/Milestone1_Delivery)