

Team #6

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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) 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-6/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.

One example is our Song.java:

https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/Song.java#L14-L148

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Another example is SongScoreCalculator.java:

https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/SongScoreCalculator.java#L10-L93

Testing

Espresso Tests:

https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/tree/milestone1_delivery/app/src/androidTest/java/edu/ucsd/team6flashbackplayer

JUnit Tests:

https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/tree/milestone1_delivery/app/src/androidTest/java/Tests

https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/tree/milestone1_delivery/app/src/test/java/edu/ucsd/team6flashbackplayer

Untestable Non-Trivial Methods:

Album.java:

onCreate method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/AlbumActivity.java#L27-L71

play method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/AlbumActivity.java#L77-L85

startSongActivity method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/AlbumActivity.java#L92-L97

AlbumList.java:

initAlbumList method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/AlbumList.java#L33-L37

loadFromSongList method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/AlbumList.java#L61-L79

CurSongActivity.java:

onCreate method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L93-L175

onSongUpdate method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L192-L210

onAllSongsFinish method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L217-L230

onDestroy method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L237-L253

onLocationChanged method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L264-L282

enableFBMode method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L330-L357

diableFBMode method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L364-390

startMusicPlayerServiceFBMode method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L401-L422

getStrAddress mthod: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L431-L454

getUpdateTimeMills method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L487-L503

onReceive method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/CurrSongActivity.java#L555-L582

MainActivity.java:

requestLocationPermission method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MainActivity.java#L104-L140

onRequestPermissionsResult method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MainActivity.java#L150-L163

listAssetFiles method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MainActivity.java#L187-L212

getSongList method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MainActivity.java#L222-L267

MusicPlayerActivity.java:

onReceive method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerActivity.java#L36-L45

broadcastRequestSongUpdate method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerActivity.java#L99-L103

MusicPlayerService.java:

onStartCommand method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L114-L223

onDestroy method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L231-L250

onLocationChanged method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L263-L267

onPrepared method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L307-L325

onCompletion method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L333-L355

onError method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L365-L380

prepSongAsync method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L415-L446

playMedia method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L451-L456

stopMedia method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L479-L485

broadcastSongChange method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L494-L507

onSongDisliked method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L513-L525

updateLocTime method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/MusicPlayerService.java#L565-L576

PreferenceButtons.java:

redrawButtons method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/PreferenceButtons.java#L88-L101

removeButtonListeners method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/PreferenceButtons.java#L106-L110

setButtonListeners method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/PreferenceButtons.java#L121-L148

SongActivity.java:

onCreate method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/SongActivity.java#L37-L91

play method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/SongActivity.java#L101-L110

onResume method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/SongActivity.java#L116-L122

SongEntryAdapter.java:

getView method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/SongEntryAdapter.java#L83-L133

SongPreference.java:

like method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/SongPreference.java#L24-L39

dislike method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/SongPreference.java#L47-L61

TextEntryAdapter.java:

getView method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/TextEntryAdapter.java#L80-L110

SongScoreCalculator.java:

locScore method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/SongScoreCalculator.java#L32-L52

todScore method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/SongScoreCalculator.java#L60-L66

dowScore method: https://github.com/CSE-110-Winter-2018/cse-110-team-project-team-6/blob/milestone1_delivery/app/src/main/java/edu/ucsd/team6flashbackplayer/SongScoreCalculator.java#L74-L80

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-6/boards?repos=119298073>
2. Insert a valid link to the burndown chart
<https://app.zenhub.com/workspace/o/cse-110-winter-2018/cse-110-team-project-team-6/reports?report=burndown>

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-6/graphs/contributors>
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-6/tree/milestone1_delivery