

Group 02 - Final Report

Notes for Desktop:

1. The idea of creating empty albums and artists was presented and accepted by the professor (initially rejected by the TA), on the condition that the application showed very explicitly that the albums/artists were empty (like we did).
2. Initially, one of our goals was to show the timer counting down for the remaining duration of the songs as the play button was pressed. Thus the duration for the song was typed in “mm:ss” format for user convenience, then inside the controller, `assignXXXLocation()` methods automatically convert to integer value, and later using timer library in java, for every second passes, integer value would decrease by one and convert back to “mm:ss” format by using `convertSecondsToTime(int number)` method. However we did not implement this functionality at the end because of time constraints, but we left the functionalities of conversion from time to seconds and from seconds to time even if they are not necessary without the implementation of the timer.

Notes for Android:

1. There are no specific unit tests for android since the controller and persistence are taken from the desktop version. However, system testing was used as described in deliverable 3 to verify the performance of the android app.
2. There is a known bug, but with unknown source. In 2 out about 60 runs, the elements of the HAS got duplicated for no apparent reason. When this happened, the quickest temporary solution we found was replacing the persistence xml file with an earlier version.

Notes for PHP:

1. There is currently a bug with the error handling. If a form is submitted with no selection in the spinner you will briefly receive a notice of an unknown index error before being sent back to the main page. However the errors are still displayed properly and it has no known effect on the integrity of the system.

The videos shown our the presentation can be found in our link repository:
<https://github.com/W2016-ECSE321/Group02/tree/master/VideosForDemo>