GRAD695 – Unit Testing – Test Case 2.3

Add songs to the Playlist

Authors: Prafulla Chandra Munugoti

# General Information

|  |  |
| --- | --- |
| Unit | Add songs to the playlist |
| Source Files | ./tests/playlist.py or ./MUSICON.py |
| Function name | add\_song\_into\_playlist\_dictionary(self, playlist,title): |
| Date | April 3rd, 2023 |
| Engineers | Prafulla Chandra Munugoti |

# Test Code

source code:

A picture containing timeline

Description automatically generated

test code:

Text

Description automatically generated with medium confidence

# Test Results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Inputs | Expected Outputs | Actual Outputs | Result |
| 2.3.1 | Available playlist name, valid song name | Songs in playlist count +1 | Songs in playlist count +1 | pass |
| 2.3.2 | playlist not exists, valid song name | 0 | 0 | Pass |
| 2.3.3 | valid playlist name, empty song name | Songs count remains same | Songs count remains same | Pass |
| 2.3.4 | Empty playlist name, empty song name | 0 | 0 | Pass |
| 2.3.5 | None playlist,  None song | 0 | 0 | Pass |

# Test Methodology & Coverage

White box testing with statement coverage, validates the playlist count by verifying the display function works