GRAD695 – Unit Testing – Test Case 3.8

Authors: Prafulla Chandra Munugoti

# General Information

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| --- | --- |
| Unit | Play individual song on user input |
| Source Files | ./tests/playlist.py or ./MUSICON.py |
| Function name | play\_individual\_song\_on\_user\_input (self,title,playlist\_name) |
| Date | April 1st, 2023 |
| Engineers | Prafulla Chandra Munugoti |

# Test Code

Source Code:

Text

Description automatically generated

Test Code:

Text

Description automatically generated

Test Results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Inputs | Expected Outputs | Actual Outputs | Result |
| 1 | Empty title | Recently played stack top element: empty | Recently played stack top element: empty | Pass |
| 2 | 1 song title from library | Recently played stack top element equals input song title | Recently played stack top element equals input song title | Pass |
| 3 | 1 song title not from library | Recently played stack length + 1 | Recently played stack length + 1 | Pass |

# Test Methodology & Coverage

White box testing with data flow testing.