GRAD695 – Unit Testing – Test Case 3.7

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# General Information

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| --- | --- |
| Unit | Dequeue a song from the loop list to play |
| Source Files | ./tests/playlist.py or ./MUSICON.py |
| Function name | dequeue\_the\_song\_recently\_played\_in\_playlist\_to\_enqueue (self) |
| Date | April 1st, 2023 |
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# Test Code

Source Code:

Graphical user interface, text

Description automatically generated with medium confidence

Test Code:

Text

Description automatically generated

Test Results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Inputs | Expected Outputs | Actual Outputs | Result |
| 1 | NA, from empty queue | None | None | Pass |
| 2 | NA, from queue of 1 song | Queue head returned,  New queue count = 0 | Queue head returned,  New queue count = 0 | Pass |
| 3 | NA, from queue of more than 1 song | Queue head returned,  New queue count - 1 | Queue head returned,  New queue count - 1 | Pass |

# Test Methodology & Coverage

White box testing with data flow testing.