GRAD695 – Unit Testing – Test Case 2.1 Create a new playlist

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# General Information

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| --- | --- |
| Unit | Create a new playlist |
| Source Files | ./tests/playlist.py ./MUSICON.py |
| Function name | create\_a\_new\_playlist(self,playlist,user\_name) |
| Date | April 1st, 2023 |
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# Test Code

source code:

Text

Description automatically generated

test code:

Graphical user interface, text

Description automatically generated

# Test Results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Inputs | Expected Outputs | Actual Outputs | Result |
| 2.1.1 | “”, empty string | Playlist count remains same | Playlist count remains same | pass |
| 2.1.2 | “playlist1”, “user1” | playlist count + 1 | Playlist count + 1 | pass |
| 2.1.3 | “playlist1”, which already exists | Playlist count remains same | Playlist count remains same | pass |
| 2.1.4 | “Pl@yL1sT”, combination of alphabets, numbers, special characters | Playlist count + 1 | Playlist count + 1 | pass |

# Test Methodology & Coverage

White box testing with statement coverage, covering existed names and non-existed names and combination of various characters in the dictionary which will have different outcomes from the program statement.