**Test Case Report**

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| Test Case # 1 |
| Description of Test Case: Add Playlist  Data Set: Playlist Name – String |
| Pre-Condition: There shouldn’t be 10 playlist |
| Expected Result:   * If number of playlist is 10 – Playlist Full * If Playlist name not entered – Enter Playlist Name * If no exceptions – Playlist Added |
| Actual Result:   * If number of playlist is 10 – Playlist Full * If Playlist name not entered – Enter Playlist Name * If no exceptions – Playlist Added   Screenshots:    Playlist Full    Playlist Name not entered    Playlist Added |

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| Test Case # 2 |
| Description of Test Case: Add Song without index  Data Set:   * String: Title, Artist, Year, Genre * Integer: Ratings |
| Pre-Condition: Playlist should be added |
| Expected Result: Song added at the end of the list |
| Actual Result: If index specified – Song added to the index  Screenshots:      No Index Specified |

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| Test Case # 3 |
| Description of Test Case: Add Song with index  Data Set:   * String: Title, Artist, Year, Genre * Integer: Ratings, Index |
| Pre-Condition: Playlist should be added |
| Expected Result: If index specified – Song added to the index |
| Actual Result: If index specified – Song added to the index  Screenshots:        Index specified as 1 |

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| Test Case # 4 |
| Description of Test Case: Delete Song using Title  Data Set: String: Title |
| Pre-Condition: Playlist and a song should be added |
| Expected Result:   * If song name given - Songs with the name gets deleted |
| Actual Result:   * If song name given - Songs with the name gets deleted   Screenshots:        Only Title is given |

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| Test Case # 5 |
| Description of Test Case: Delete Song using Index  Data Set: Integer: Index |
| Pre-Condition: Playlist and a song should be added |
| Expected Result: If index given – Song at the specified index gets deleted |
| Actual Result: If index given – Song at the specified index gets deleted  Screenshots:      Index is specified |

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| Test Case # 6 |
| Description of Test Case: Modify details of the song using Title  Data Set:   * String: Title, Artist, Year, Genre * Integer: Ratings |
| Pre-Condition: Playlist and a song should be added |
| Expected Result: Song changed or song not found |
| Actual Result: Song changed or song not found  Screenshots:      Find song using title      Wrong title entered |

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| Test Case # 7 |
| Description of Test Case: Modify details of the song using Index  Data Set:   * String: Title, Artist, Year, Genre * Integer: Ratings, Index |
| Pre-Condition: Playlist and a song should be added |
| Expected Result: Song changed or song not found |
| Actual Result: Song changed or song not found  Screenshots:      Find song using title      Index doesn’t exist |

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| Test Case # 8 |
| Description of Test Case: Clear Songs  Data Set: No data needed |
| Pre-Condition: Playlist and a songs should be added |
| Expected Result:   * If no songs – Playlist is empty * If songs - Playlist Cleared |
| Actual Result:   * If no songs – Playlist is empty * If songs - Playlist Cleared   Screenshots:    Songs Existed      No Songs Existed |

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| Test Case # 9 |
| Description of Test Case:  Data Set:   * String: Title , Artist |
| Pre-Condition: Playlist and a songs should be added |
| Expected Result: Number of songs in the playlist |
| Actual Result: Number of songs in the playlist  Screenshots:          Song Occurrence in the playlist |

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| Test Case # 10 |
| Description of Test Case: Highest Rated Songs  Data Set: No Data Needed |
| Pre-Condition: Playlist and a song should be added |
| Expected Result: Songs displayed from highest to lowest rated songs |
| Actual Result: Songs displayed from highest to lowest rated songs  Screenshots:        Playlist Sorted from Highest to Lowest Rated Songs |

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| Test Case # 11 |
| Description of Test Case: Exceptions  Data Set: String |
| Pre-Condition: Playlist should be added |
| Expected Result: Song’s rating should be zero |
| Actual Result: Song’s rating should be zero  Screenshots:    Rating entered is a string instead on integer      Ratings assumed zero |