Team Project - Demonstration Test Plan

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| --- | --- | --- | --- | --- |
| Test # | Menu Options | Input (KEY) | Output | Remarks |
| 1 L - LIST  OPERATIONS | U – unsorted | None | List printed as a table | Strings aligned to the left, numbers aligned to the right |
|  | P – sorted by id | None | Sorted list printed as a table | - || - |
|  | S - sorted by title | None | Sorted list printed as a table | - || - |
|  | T – as a tree (id) | None | Print tree as an indented list | To show that the new book has been successfully inserted into the DB, and that the two deleted items are no longer displayed. |
|  | Q - Quit List operation |  |  | Back to main menu |
| 2 S - SEARCH  OPERATION | P – by id | abcd | Invalid ID! |  |
|  | P – by id | 9999 | 9999 Not found! |  |
|  | P – by id | 1234 | Found:  1234, Attention, Charlie Puth. Voicenotes, Funk, 3:41, 2017 | - Printed as a table  - Strings aligned to the left, numbers aligned to the right |
|  | S – by title | Not Exist | \*\*\*NOT FOUND!!!\*\*\* |  |
|  | S – by title | Attention | Found:  1234, Attention, Charlie Puth. Voicenotes, Funk, 3:41, 2017 |  |
|  | S – by title | Wherever You Are | Found: (2 songs)  1999, Wherever You Are, 5s of Summer, She Looks So Perfect, Pop, 3:08, 2014  3124, Wherever You Are, ONE OK ROCK, Niche Syndrome, Rock, 4:57, 2010 | - Printed as a table  - Strings aligned to the left, numbers aligned to the right |
|  | Q - Quit List operation |  |  | Back to main menu |
| 3. I - INSERT |  | 1234 | 1234 The song cannot be inserted. | the song already exist |
|  |  | abcd | Invalid ID!!! |  |
|  |  | 9999, temp, temp, temp, temp,  0 , 2000 | The Song has been inserted!! |  |
| 4. D - DELETE |  | 1234 | 1234 The song is deleted successfully! | Delete the root of the id tree |
|  |  | 4819 | 4819 The song is deleted successfully! |  |
| 5. UNDO  DELETE | U - Undo delete |  | 1234 Attention is being put back into the database! |  |
| 6. M - Show Menu |  | M | \*\*\*\*\*\*\*\*ONLINE\_MUSIC\*\*\*\*\*\*\*\*\*  \* L - List all songs \*  \* S - Search a song \*  \* I - Insert a new song \*  \* D - Delete a song \*  \* U - Undo delete \*  \* Q - Quit program \*  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* | Display main menu |
| 7. Q - Quit | Q - Quit | None | All the data has been written to (filename)! |  |