|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Test Description | Expected Outcome | Pass/Fail | Timestamp |
| 1. | Testing visitor page | Doesn’t allow you to do anything until login | Pass | 00:03 |
| 1 | Testing non-member login | Logs in and only shows all music and composers. Doesn’t show anything else except for home and logout | Pass | 00:12 |
| 2 | Member Login | Show your reservations, suggestions and calendar | Pass | 00:19 |
| 3 | Librarian Login | Shows everything that member shows plus all user music and reports | Fail | 00:26 |
| 4. | Admin Login | Shows everything that librarian login shows plus the access to admin page | Pass | 00:29 |
| 5. | Fake Login | Doesn’t allow you to login | Pass | 00:47 |
| 6. | Reset Password | Gives you a way to input your email address | Both | Works on local but doesn’t work on server. Also doesn’t display the words to tell you what to do. |

# 4- Testing

## Test Strategy

I will be testing the website to make sure it works as planned – this includes that the websites functions correctly, as well as that the user interface.

When testing the input fields (such as username and password), I will use different types of data (valid, boundary and erroneous) to check that the system handles them all correctly and does not crash.

I used Windows Screen recorder and Movie Maker 10.

## Test Plan

### Home Page Tests

Video Link: <https://youtu.be/JlyEC3NIitE/>

### Main Music and Music Detail Pages:

Video Link: <https://youtu.be/qpeaQ9n5f6M>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Test Description | Expected Outcome | Pass/Fail | Timestamp |
| 7. | Non-member music detail page | Doesn’t allow you to reserve music | Pass | 00:07 |
| 8. | Member music detail page | Allows you to reserve music | Pass | 00:21 |
| 9. | Cancelling reservation | Cancels the reservations and takes you to feedback page. Will send relevant email. Also creates a log note | Pass | 00:41 |
| 10. | Member Making Reservation | Reserves music with only your username and doesn’t show the form and takes you to feedback page. Will send relevant email. Also creates a log note | Pass | 00:23 |
| 11. | Librarian/Admin Making Reservation | Shows you the form to choose a user then reserves the music in that name and takes you to feedback page. Will send relevant email. Also creates a log note | Pass | 00:55 |
| 12. | Filtering of music | Allows you to enter a name in each of the boxes to filter and search | Pass | 01:13 |

### All Reservations Page and Review Page and Reports

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Test Description | Expected Outcome | Pass/Fail | Timestamp |
| 13. | Returning of music | Only allows librarians/admins to do so. Shows you the button and when clicked sets music to returned. Also creates a log note and sends email before redirecting to review page | Pass | 00:31 |
| 14. | Borrowing of music | Only allows librarians/admins to do so. Shows you the button and when clicked sets music to borrowed. Also creates a log note and sends email before redirecting to feedback page | Pass | 00:12 |
| 15. | Reviewing of Music | Happens straight after return. Gives you a drop down list with the review between 1 and 10. Then submits it. | Pass | 00:34 |
| 16. | Reports show up and allow you to print them | You get a pie chart and can print or you get a bar chart that you can print with button. | Pass | 00:46 |
| 17. | Renewing of Music | Only allows librarians/admins to do so. Shows you the button and when clicked adds time to borrowed. Also creates a log note and sends email before redirecting to feedback page | Pass | 00:26 |

### Extras

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Test Description | Expected Outcome | Pass/Fail | Timestamp |
| 17. | Suggestions Algorithm Suggests Music | Takes your good reviews and compares it to others. Then will create a list of other good reviews by those users and look for the music that has the most reviews and give recommend it to you. | Pass |  |
| 18. | Suggestions Page allows you to go to the music | You can click on the suggestions and it takes you to the music detail page | Pass |  |
| 19. | Chatbot helps out in telling you how to use the page | You can click on talk to chatbot button and it will pop up and allow you to ask questions | Pass |  |
| 20. | Create a random set of music | Go to the link and it will create the random music. Then take you to a response to tell you it is done. | Pass |  |
| 21. | Create random music instances | Go to the link and it will create the random music instances. Then take you to a response to tell you it is done. | Pass |  |
| 22. | Create random genres | Go to the link and it will create the random genres. Then take you to a response to tell you it is done. | Pass |  |
| 23. | Assign the random genres | Go to the link and it will assign the random genres. Then take you to a response to tell you it is done. | Pass |  |
| 24. | Importing Genres | Correctly assigns ID’s | Pass |  |
| 25. | Exporting Genres | Allows you to save a csv | Pass |  |
| 26. | Importing Users | Correctly assigns ID’s | Pass |  |
| 27. | Exporting Users | Allows you to save a csv | Pass |  |
| 28. | Importing Music | Correctly assigns ID’s | Pass |  |
| 29. | Exporting Music | Allows you to save a csv | Pass |  |
| 30. | Importing Music Reservation | Correctly assigns ID’s | Pass |  |
| 31. | Exporting Music Reservations | Allows you to save a csv | Pass |  |
| 32. | Exporting Logs | Allows you to save a csv | Pass |  |
| 33. | Importing Reviews | Correctly assigns ID’s | Pass |  |
| 34. | Exporting Reviews | Allows you to save a csv | Pass |  |
| 35. | Importing Composers | Correctly assigns ID’s | Pass |  |
| 36. | Exporting Composers | Allows you to save a csv | Pass |  |
| 37. | Creating Users | Correctly assigns ID’s and saves correctly | Pass |  |