

# HowlOnDemand Black Box Test Plan

---

Document Author(s): John Choi

Date: October 19, 2017

---

## Introduction

Black Box Test will test the functionality of the HowlOnDemand software.

Test ID	Description	Expected Results	Actual Results
Test 1: Select a Station	<b>Preconditions: Started HowlOnDemand application.</b>  Select "Studying" station. Check results	Station Selection screen changes to Station Play Screen.	Station Selection screen changes to Station Play Screen.
Test 2: Play a station	<b>Preconditions: Test 1 passes.</b>  Select stop button. Check results. Select play button. Check results. Select Stop button.	Track stops playing, animation halts, and buffering percentage increases.  Track resumes, and buffering percentage stops increasing.  Track stops playing, animation halts	Track stops playing, animation halts, and buffering percentage increases.  Track resumes, and buffering percentage stops increasing.  Track stops playing, animation halts
Test 3: Return to Station selection	<b>Preconditions: Test 2 passes.</b>  Select Return button. Check results	Station selection screen is displayed with 9 Stations.	Station selection screen is displayed with 9 Stations.
Test 4: Finish playing a Station	<b>Preconditions: Test 3 passes, screen plays the very last audio track on the station.</b>  Wait for the last track to finish. Check results	After the track finishes, animation halts and "End of Playlist" message is displayed on the bottom center.	After the track finishes, animation halts and "End of Playlist" message is displayed on the bottom center.
Test 5: Quitting the program	<b>Preconditions: Test 4 passes, either Station selection or play screen is displayed</b>  Select the close button (X) Check results	Program terminates.	Program terminates.
Test 6: Shuffle	<b>Preconditions: none.</b>  Start HowlOnDemand application. Select "Driving" Station. Note that the first track on the station is "Born to Run" and the second track on the station is "Like a Rolling Stone" Go back to the first track. Enable shuffle. Fast forward multiple times Check results Close the application.	The order of the tracks are random.	The order of the tracks are random.

Test 7: Repeat	<b>Preconditions: none.</b> Start HowlOnDemand application. Select "Friday Night" Station. Enable Repeat. Fast forward 20 times. Check results. Close the application	The Station does not reach the end of the playlist because it is set to repeat.	The Station does not reach the end of the playlist because it is set to repeat.
-------------------	---	---	---

---

#### Document Revision History

Date	Author	Change Description
<b>November 3, 2017</b>	John Choi	<ul style="list-style-type: none"> <li>Updated test descriptions and expected results</li> </ul>