

Destructive Testing

Wednesday, 4 July 2018 8:10 PM

The following test was outlined in the 'Testing Document'.

Note that the importance levels of these errors is relative to other errors that were encountered during destructive testing. A 'critical' error may never be encountered by a user.

Test 1:

Tester Name: William Auld
Date: 3/08/2018

Error/Bug Encountered	Data input/Steps taken	Error Screenshot	Fixed/Not Yet Fixed	Notes	Importance Level
Runtime Crash	Double clicked visit list without selecting a visit.		Fixed	Error was previously encountered and addressed with patients list. The same method can be applied here.	Critical
Runtime Crash	Opened multiple windows of the same visit and closed them until crash.		Fixed	User can no longer interact with Patient Details window when Visits window is open.	Minor
Bug	Does not load patients if back is pressed on patient details while visit is open.	N/A	Fixed	The solution was achieved when the second error was addressed.	Minor
Runtime Crash	Double clicked the reason tab with 1 or 2 entries.		Fixed	The solution was achieved when the first error was addressed.	Major

Test 2:

Tester Name: Brody McManus
Date: 7/08/2018

Error/Bug Encountered	Data input/Steps taken	Error Screenshot	Fixed/Not Yet Fixed	Notes	Importance Level
Runtime crash	Opened a patients information then terminated the server then saved the patient's information.		Fixed	A system needs to be put in place to handle disconnections from the server. The system was successfully put in place. The application now throws an error explaining that the connection was lost and exits the application.	Major
Bug	The age is wrong.		Fixed	The algorithm was corrected.	Critical
Runtime crash	Selected a text file as the profile image	Not captured.	Fixed	A system needs to be put in place to handle incorrect file formats. Created a format checking code block to three algorithms.	Major
Bug	Improperly closed the client without shutting down the server.		Fixed	The pre-test loop condition that was responsible for handling the client was faulty and would always pass. It was set to true instead, making it an infinite loop (which should have no practical effect as the condition was faulty anyways) instead, an 'else' statement was made at the end of the loop that would only be executed if the command sent was not any of the valid commands, the statement disconnects the client and returns to waiting on more clients and having a command line available.	Major

Test 3:

Tester Name: Hamish Francis
Date: 9/08/2018

Error/Bug Encountered	Data input/Steps taken	Error Screenshot	Fixed/Not Yet Fixed	Notes
Bug	Entering Numbers into name field		Fixed	Added a character checking function to both fields.
Bug	Date for visits can be anything		Fixed	Recreated the Date of Birth date checking function for visits.
Runtime crash	Spammed the back button		Fixed	Error could not be recreated. The tester description of the steps taken is either incorrect or incomplete as spamming back works properly. This error may have been circumstantial and will be addressed if it is encountered again.