

<Bug Tracker> Black Box Test Plan

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Introduction

The program starts and a box comes up with a blank bug list and buttons referencing "Add new bug", "Delete selected bug", "Edit selected bug", "Show all Bugs", and "Filter List by Owner". In the upper corner, the owner can either start a new bug list, load an existing bug list from a file, or quit the program. Once a specific file is loaded whether it is a new file or not, the user can edit the selected bugs, add new bugs or delete bugs.

Test ID	Description	Expected Results	Actual Results
Bug with a null state	Preconditions: A specific bug is attempted to be loaded while it has a null state	A pop-up box comes up that reads, "Unable to load bug"	A pop-up box comes up that reads, "Unable to load Bug file"
Bug is moved from unconfirmed to assigned	Preconditions: A specific bug with two prior votes and an owner is loaded while in the unconfirmed state. The user clicks the vote button in the GUI.	The bug's state is updated to "Assigned"	The bug's state is updated to "Assigned"
Bug is moved from unconfirmed to new	Preconditions: A specific bug with two prior votes and no owner is loaded while in the unconfirmed state. The user clicks the vote button in the GUI.	The bug's state is updated to "New"	The bug's state is updated to "New"
Cancel button in new state	Preconditions: A bug is loaded that is in the new state. The user clicks the cancel button in the edit bug menu.	The box returns to the list of registered bugs	The box returns to the list of registered bugs
Bug is moved from new to assigned state	Preconditions: A bug is loaded that is in the new state. The user clicks the assign button.	The bug's state is updated to "Assigned"	A pop-up box comes up that says "Invalid Developer id"
New (Samuel Jessee)	Preconditions: Program is started After beginning the program, select file, and then new.	A blank list of bugs should be created.	A blank list of bugs is created.
Invalid Bug file (Samuel Jessee)	Program is started. Select file, then load, and load the exp_bug_empty.xml file	"Unable to load bug file."	"Unable to load bug file"
Edit file (Samuel Jessee)	Load the bug1.xml file. Click the first bug in the list and click edit.	Should display a page of the bug's information, which should be id 1, state unconfirmed, a description stating "Bug description", a reporter named "reporter", 1 vote, unconfirmed, and one note "Note 1".	Displays a page of information in which all bug's description read "Bug Description", the first bug is unconfirmed, has a reporter named reporter and a note "Note 1"
Delete bug (Samuel Jessee)	After performing the previous test, click cancel. Click the same bug again, and click delete.	The same list of bugs should display, but the first bug removed.	Bug with id 1 is deleted and gone from the list
Vote (Samuel Jessee)	Reload the original file, and edit the first bug. Click vote twice.	The bug's votes should change to 3, and its state should change to "New"	The bug's state is updated to "New"

Document Revision History

Date	Author	Change Description
10/18/15	Matthew Gibson	• Created tests and expected results
11/4/15	Matthew Gibson	• Combined and completed actual results for tests