Bug Tracker Black Box Test Plan

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Introduction

The *Bug Tracker* program is a bug tracking system that utilizes the finite state machine to keep developers aware of bugs in their software. The black box test plan describes tests for input errors using the menu's parameters.
The program is started by running the GUI class.

Test ID	Description	Expected Results	Actual Results
Load Error dialogue message for non-XML bug file (Manaka Green)	**Preconditions:** A user has started the Bug Tracker application and the menu has opened. A user selects Load from the file menu (but the file cannot be loaded). In the browser click on .classpath and click Open button.	The program displays a dialog box warning with the error message: "Unable to load bug file." with an OK button. Upon clicking you're returned to the Bug Tracker application.	The program displays a dialog box warning with the error message: "Unable to load bug file." with an OK button. Upon clicking you're returned to the Bug Tracker application.
Add New Bug Emptiness (Manaka Green)	**Preconditions:** A user has selected a bug list to display. User clicks **Add New Bug**. A window opens for the user to enter the bug summary and the user's id (as the bug reporter). The user enters a set of quotations ("") for the user id and summary field and clicks **Add Bug to List** to complete the add activity.	The user is returned to the bug list with the bug shown.	The user is returned to the bug list with the bug shown.
Add New Bug Nothingness (Manaka Green)	**Preconditions:** A user has selected a bug list to display. User clicks **Add New Bug**. A window opens for the user to enter the bug summary and the user's id (as the bug reporter). The user presses the spacebar for the user id and summary fields and clicks **Add Bug to List** to complete the add activity.	The user is returned to the bug list with the bug shown.	The user is returned to the bug list with the bug shown.
Add Bug dialogue message (Manaka Green)	**Preconditions:** A user has selected a bug list to display. User clicks **Add New Bug**. A window opens for the user to enter the bug summary and the user's id (as the bug reporter). The user enters nothing for the user id and summary fields and clicks **Add Bug to List** to complete the add activity.	The program displays a dialog box warning with the error message: "Invalid bug information." with an Ok button. Upon clicking you're returned to the Add Bug window.	The program displays a dialog box warning with the error message: "Invalid bug information." with an Ok button. Upon clicking you're returned to the Add Bug window.

Reassign Bug Error (Manaka Green)	**Preconditions:** A user has selected a bug to edit that is in the Reopen state. The user enters nothing into the *Developer Id* field. The Resolution is chosen as "Fixed" and the user clicks **Reassign**.	The program displays a dialog box warning with the error message: "Invalid developer id." with an OK button. Upon clicking you're returned to the Reopen state user interface to provide another id.	The program displays a dialog box warning with the error message: "Invalid developer id." with an OK button. Upon clicking you're returned to the Reopen state user interface to provide another id.

Document Revision History

Date	Author	Change Description
10/22/15	Manaka Green	• Initial input testID, description, and expected results
11/3/15	Manaka Green	• Actual results input and initial black box testing changes