Bug Tracker Black Box Test Plan

Document Author: Manaka Green and Paul Hawkins

Date: 11/4/15

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	Preconditions:	The program	The program
dialogue message	A user has started the Bug Tracker	displays a dialog box	displays a dialog
for non-XML bug	application and the menu has opened.	warning with the	box warning with
file (Manaka		error message:	the error message:
Green)	A user selects Load from the file menu	"Unable to load bug	"Unable to load bug
	(but the file cannot be loaded).	file." with an OK	file." with an OK
	In the browser click on .classpath and click	button. Upon	button. Upon
	Open button.	clicking you're	clicking you're
		returned to the Bug	returned to the Bug
A LINE D	D 11:1	Tracker application.	Tracker application.
Add New Bug	Preconditions:	The user is returned	The user is returned
Emptiness (Manaka Green)	A user has selected a bug list to display.	to the bug list with	to the bug list with
(Ivialiaka Green)	User clicks Add New Bug .	the bug shown.	the bug shown.
	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.		
Add New Bug	Preconditions:	The user is returned	The user is returned
Nothingness	A user has selected a bug list to display.	to the bug list with	to the bug list with
(Manaka Green)		the bug shown.	the bug shown.
	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.		
Add Bug dialogue	Preconditions:	The program	The program
message	A user has selected a bug list to display.	displays a dialog box	displays a dialog
(Manaka Green)		warning with the	box warning with
	User clicks Add New Bug.	error message:	the error message:
	A window opens for the user to enter the	"Invalid bug	"Invalid bug
	bug summary and the user's id (as the bug	information." with	information." with
	reporter). The user enters nothing for the	an Ok button. Upon	an Ok button. Upon
	user id and summary fields and clicks	clicking you're	clicking you're
	Add Bug to List to complete the add	returned to the Add	returned to the Add
	activity.	Bug window.	Bug window.

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