

Incident Manager Black Box Test Plan

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Introduction

The incident manager program keeps track of a list of incidents of varying types and priority levels. These existing incidents can then be inspected and processed. This black box test plan describes a series of tests that test the basic functionality of file and incident management within the program. The program can be run for testing by running the *IncidentManagerGUI* as a java application. If using Eclipse, this can be done by opening *IncidentManagerGUI*, right clicking > Run As > Java Application.

Test ID	Description	Expected Results	Actual Results
Test 1: testLoadIncidentFile (Max Richgruber)	Preconditions: IncidentManagerGUI.java is loaded Select File Select Load Select incident1.xml	The incident manager displays the incident file which contains 6 incidents with the names: <i>Jenkins install, Jenkins VM, Mount data, Permissions, Unable to use, What's the best</i>	The incident manager displays the incident file which contains 6 incidents with the names: <i>Jenkins install, Jenkins VM, Mount data, Permissions, Unable to use, What's the best</i>
Test 2: testLoadInvalidIncidentFile (Max Richgruber)	Preconditions: IncidentManagerGUI.java is loaded Select File Select Load Select incident2.xml	Error Message: "Unable to load file." The user is returned to the default view	Error Message: "Unable to load file." The user is returned to the default view
Test 3: testNewIncidentFile (Max Richgruber)	Preconditions: IncidentManagerGUI.java is loaded Select File Select Load Select incident1.xml Select File Select New	The <i>incident1.xml</i> file in the IncidentManager view is replaced by an empty field	The <i>incident1.xml</i> file in the IncidentManager view is replaced by an empty field
Test 4: testNewInvalidIncident (Max Richgruber)	Preconditions: IncidentManagerGUI.java is loaded Select Add new incident Leave Caller field empty	Error Message: "Invalid incident information." The user is returned to the default view	Error Message: "Invalid incident information." The user is returned to the default view

	Leave Name field empty Select Add Incident		
Test 5: testAddNewIncident (Max Richgruber)	Preconditions: IncidentManagerGUI.java is loaded Select Add new incident Enter jbrown into the caller field Select the Inquiry category Select the Urgent category Enter test into the name field Enter test notes into the notes field Select Add Incident	A new incident with incident id 0, software category, new state, urgent priority, and test name is added to the Incident Manager view	A new incident with incident id 0, software category, new state, urgent priority, and test name is added to the Incident Manager view

Document Revision History

Date	Author	Change Description
Oct 2018	Max Richgruber	<ul style="list-style-type: none"> Created tests