Project 1 Black Box Test Plan

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Introduction

Provide a brief overview of your black box test plan. Describe how you would start your application.
These tests will tests the basic functions of the Ecosystem system through its GUI. The system will require an initialization file to populate the ecosystem, and an optional file to include custom parameters provided by the user. Once initialized by the files, the user will be able to specify a number of steps to run the ecosystem and view its outcomes.

Test ID	Description	Expected Results	Actual Results
Test 1: No file name	**Preconditions:** - **At the top of the screen, click run** - **Hover over "Run As"** - **Select "Java Application"** - **When prompted for a file, leave it blank** - **Check results**	An error message stating "File Required to initialize the ecosystem".	
Test2: Valid File used	- **At the top of the screen, click run** - **Hover over "Run As"** - **Select "Java Application"** - **When prompted for a file, enter a valid file name** - **Check results**	The GUI should open up displaying a grid with the information specified in the file.	
Test 3: Invalid file	- **At the top of the screen, click run** - **Hover over "Run As"** - **Select "Java Application"** - **When prompted for a file, enter a filename that does not exist** - **Check results**	An error message stating "File Required to initialize the ecosystem" should display and the GUI should quit running.	

Document Revision History

Date	Author	Change Description
9/22/16	Nikhil Shirsekar	• Added initial black box Tests