Wally's Service Garage Black Box Test Plan

Document Author(s): Jonathan Nguyen jhnguye4@ncsu.edu

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Introduction

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The Service Garage program is a program that is created to keep track of all the cars on the waiting list and what cars are currently being placed on the service bays. This program is used to increase efficiency and to allow the shop to keep track of which cars they must service next depending on wait time and what tier is their membership. The black box tests are 5 system-level tests that will revise if the program meets the requirements.

To run tests:
1. Right click on GarageUI in the Package Explorer
2. Select Run as > Java Application
3. A FileChooser will automatically load and all test files will be located in the test-files/folder.

Test ID	Description	Expected Results	Actual Results
Test 1: Valid File (jhnguye)	**Preconditions: None** **Run RequirementGUI.** FileChooser will load, select: test-files/cars.txt Click **Select** *Check results* Close GUI	Garage GUI loads 42 car types, tiers, licenses, and owner names will pop up.	Unable to implement since didn't finish GUI implementation
Test 2: Adding vehicle (jhnguye4)	**Preconditions: None** **Run RequirementGUI.** FileChooser will load, select: cancel. Empty Waiting list will load. Click on **Add New Vehicles.** Type in Jonathan Nguyen, ABC12345, select Platinum, and uncheck Hybrid. Click Submit Check results close GUI	Garage GUI loads The only vehicle in vehicles awaiting service is: R Platinum ABC12345 Nguyen,Jonathan Service Bays are empty.	Unable to implement since didn't finish GUI implementation

Test 3: Remove File (jhnguye4)	**Preconditions: Test 2 Passes:** Click on **R Platinum ABC12345 Nguyen,Jonathan** and select remove selected Vehicle Check results close GUI	Garage GUI loads Then vehicle in vehicles awaiting service is empty. Service Bays are empty.	Unable to implement since didn't finish GUI implementation
Test 4 Invalid License (jhnguye4)	**Preconditions: None** **Run RequirementGUI.** FileChooser will load, select: test-files/cars.txt Waiting list will load. Click on **Add New Vehicles.** Type in Jonathan Nguyen, "", select Platinum, and uncheck Hybrid. Click Submit Check results close GUI	A pop-up dialog stating "License cannot be Blank is displayed.	Unable to implement since didn't finish GUI implementation
Test 5: Adding Service Bay (jhnguye4)	**Preconditions: Test 2 Passes** Click on Add Service Bay Check results close GUI	Garage GUI loads 9 Service bays should be loaded with three of them be allocated to hybrids and the other 6 be allocated to normal or hybrid cars.	Unable to implement since didn't finish GUI implementation

Document Revision History

Date	Author	Change Description
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