

Service Garage Manger (Project2) Black Box Test Plan

Document Author(s): Prem Subedi & Somesh Herath

Date: Summer 2017

Updated Introduction

The program starts by running the RepairGarageGUI class and file from the file chooser (cars.txt for here).

Test ID	Description	Expected Results	Actual Results
Test 1: addVehicleToList Author: Prem Subedi	Preconditions: None Run RepairGarageGUI. File chooser opens, select "test-files" and then "cars.txt" then click Select .	List of 27 vehicles is displayed, ignoring all the invalid information of the vehicles. Ordering starts from tier type, following from highest tier to lowest.	List of around 27 vehicles is displayed, ignoring all the invalid information of the vehicles. Ordering starts from tier type, following from highest tier to lowest.
Test 2: addVehicleToList Author: Prem Subedi	Preconditions: Test 2 has passed. Click Add New Vehicle Then enter all the necessary information except the license field(Leave it blank) Click Submit.	Popup dialogue box saying "License cannot be blank." is displayed. The new vehicle dialogue box remains open.	Popup dialogue box saying "License cannot be blank." is displayed. The new vehicle dialogue box remains open.
Test 3: addValidVehicle ToList Author: Prem Subedi	Preconditions: Test 2 or 3 has passed. Click Add New Vehicle Then enter all the necessary information of the vehicle such as Follows:	Vehicle is added in the waiting list, based on it's tier status	Vehicle is added in the waiting list, based on it's tier status.

	Customer: License: Service Tier: Click Submit.		
Test 4: removeVehicle FromList Author: Somesh Herath	Preconditions: Test 2 has passed. Select the vehicle with the owner name Page Kim in the list. Click Remove Selected Vehicle Check results.	Selected vehicle with owner Page Kim is removed. List is updated.	Selected vehicle with owner Page Kim is removed. List is updated.
Test 5: testQuit Author: Somesh Herath.	Preconditions: Test 2 Has passed. Click Quit on the GUI window.	The program stops execution.	The program stops execution.
Test 6: reAssignTier Author: Prem Subedi	Preconditions: Test 2 has passed. Select the fourth vehicle (with the owner Jane Emerson) in the list. Click Edit Selected Vehicle Choose the tier as Platinum. Then click submit.	The selected vehicle (fourth in the list)'s tier is updated from Gold to Platinum. The list remains unchanged.	The selected vehicle (fourth in the list)'s tier is updated from Gold to Platinum. The list remains unchanged.

Required Files

Cars.txt – This file contains 42 lines of information each line represents single vehicle information, however 15 of those are invalid vehicle information as per the requirements. So only 27 vehicles displayed in the waiting list of GUI window.

Document Revision History

Date	Author	Change Description
Summer 2017	Prem Subedi Somesh Herath	<ul style="list-style-type: none">• Wrote 4 black box tests for Project 2 part 2.• Wrote 2 black box tests for Project 2 part 2.