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| Test Case Name | Prerequisites | Steps | Expected Output | Actual output |
| 1. Create location | None | Type the name brno into the box and click Add Location | brno is added to the list of locations |  |
| 1. Edit location | Test 1 | Click Update. This will bring you to another page Change the b to B and click Edit Location | You are returned to the list and the location is properly capitalized |  |
| 1. Add Invalid Location | None | Click add location without typing anything. | The page now reads “Location name must not be blank” |  |
| 1. Edit Invalid Location | Test 1 | Click Update. This will bring you to another page delete the text and press Edit Location | The page now reads “Location name must not be blank” |  |
| 1. Add Car | Test 1 | Go to localhost/cars.  Type Honda, Civic, and 1 into the boxes in order left to right top to bottom and then click Add Car | The Honda Civic is added to the list. |  |
| 1. Add Invalid Car Make | Test 1 | Go to localhost/cars.  Type leave field one blank and type Civic, and 1 into the other boxes in order left to right top to bottom and then click Add Car | The page now reads “Make must not be an empty string.” |  |
| 1. Add Invalid Car model | Test 1 | Go to localhost/cars.  Type leave field two blank and type Honda, and 1 into the other boxes in order left to right top to bottom and then click Add Car | The page now reads “Model must not be an empty string.” |  |
| 1. Add Invalid Car Location | Test 1 | Go to localhost/cars.  type Honda, Civic, and 10 into the other boxes in order left to right top to bottom and then click Add Car | The page now reads “Invalid location no location with that ID” |  |
| 1. Edit Valid Car | Test 1 and Test 5 | Click Update on the car in localhost/cars. It will take you to another page with the values filled in. Change Civic to Accord click Edit Car | You are returned to the car list and the car is now a Honda Accord. |  |
| 1. Edit Invalid Car Make | Test 1 and Test 5 | Click Update on the car in localhost/cars. It will take you to another page with the values filled in. Delete Honda and click Edit Car | The page now reads “Make must not be an empty string.” |  |
| 1. Edit Invalid Car Model | Test 1 and Test 5 | Click Update on the car in localhost/cars. It will take you to another page with the values filled in. Delete the model (either Accord or Civic) and click Edit Car | The page now reads “Model must not be an empty string.” |  |
| 1. Edit Invalid Car Location | Test 1 and Test 5 | Click Update on the car in localhost/cars. It will take you to another page with the values filled in. Change 1 to 10 click Edit Car | The page now reads “Invalid location no location with that ID” |  |
| 1. Rental Record Specific | Test 1 and Test 5 | Go to Localhost/rentals  Type 1111-11-11,10 and 1 into the field in order. Then click Add rental record | The rental record is added to the list and is tied to car 1. |  |
| 1. Rental Record Any | Test 1 and Test 5 | Go to Localhost/rentals  Type 1111-11-01,10 and 0 into the field in order. Then click Add rental record | The rental record is added to the list and is tied to car 1. |  |
| 1. Rental Record Specific Overlap test 1 | Test 1, Test 5, test 14, and Test 15 | Test start date overlap. Go to Localhost/rentals  Type 1111-11-12,10 and 1 into the field in order. Then click Add rental record | The page now reads “There is an overlap in dates with another record. This car can't fill the demand.” |  |
| 1. Rental Record Specific Overlap test 2 | Test 1, Test 5, test 14, and Test 15 | Test End date overlap. Go to Localhost/rentals  Type 1111-11-05,10 and 1 into the field in order. Then click Add rental record | The page now reads “There is an overlap in dates with another record. This car can't fill the demand.” |  |
| 1. Rental Edit Valid | Test 1, Test 5, test 14, and Test 15 | Click Update on record 1. Change 1111-11-11 to 1111-11-21 and change the second date to 10 Click Edit Record | You are returned to the other page and the entry is updated. |  |
| 1. Rental Edit Invalid | Test 1, Test 5, test 14, and Test 15 | Click Update on record 1. Change 1111-11-11 to 1111-11-04 and change the second date to 10 Click Edit Record | The page now reads “There is an overlap in dates with another record. This car can't fill the demand.” |  |
| 1. Rental Record Any Overlap | Test 1, Test 5, test 14, and Test 15 | Test overlap when using the auto car picker.  Go to localhost/rentals type 1111-11-05, 10 and 0 and click add rental record | The Page now reads “No cars available for this rental. You may need to buy more cars to fill demand” |  |
| 1. Delete Rental Records | Test 1, Test 5, test 14, and Test 15 | On localhost/rentals click delete on each of the records in order. | As you click delete It should be removed from the list. Then the list should be empty at the end. |  |
| 1. Delete car | Test 1, Test 5, test 14, Test 15, and 20 | On localhost/cars click delete on the Car | As you click delete it should be removed from the list and be left empty. |  |
| 1. Delete Location | Test 1, Test 5, test 14, Test 15, 20, and 21 | On localhost/ click delete on the location | As you click delete it should be removed from the list and be left empty. |  |