**CS 1632 - DELIVERABLE 6: Developing a website using BDD and testing it with Selenium**

github.com/marcelo-dalmeida/CS-1632-DELIVERABLE-6

Philip Ni

Marcelo d’Almeida

1. **Introduction**

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1. **Test Run**
2. **User Stories and Scenarios**

**User Story A: Insert on database:**

As a manager

I want to be able to insert new cars to the database

So I can let new cars be available for the client

**Scenario 1A – Insert a new car correctly:**

Given a unique license plate

And all other car related information

When the manager tries to insert the car information to the database

Then the car is inserted in the database and it’s available for both manager and client to search

**Scenario 2A – Insert a car with existing license plate:**

Given a license plate

And all other car related information

When the manager tries to insert the car information

Then a message appears saying that this license plate is already in the database

**User Story B: Delete on database:**

As a manager

I want to be able to delete cars from the database

So I can let cars be unavailable for the client

**Scenario 1B – Delete a car correctly:**

Given a unique license plate

When the manager tries to delete the car information from the database

Then the car is deleted from the database and it’s unavailable for search

**Scenario 2B – Delete a car that is not in the database:**

Given a unique license plate

When the manager tries to delete the car information from the database

Then a message appears saying that there is not any car with that license plate

**User Story C: Search on database:**

As a client

I want to be able to filter for cars through a defined parameter such as color

So I can choose the right car for me

**Scenario 1C – Search for a car that is not in the database:**

Given a not registered license plate

When the client tries to search

Then a message appears saying that no results were found

**Scenario 2C – Search for a car without filtering:**

Given an empty list of filters

When the client tries to search

Then a list containing all the cars from database appears

**Scenario 3C – Search for a car through a single field filtering:**

Given a year

When the client tries to search

Then a list of cars corresponding the filtering appears

**Scenario 4C – Search for a car through multiple field filtering (AND):**

Given a car model

And a color

When the client tries to search

Then a list of cars corresponding the filtering appears

**Scenario 5C – Search for a car through multiple field filtering (OR):**

Given a color

Or a price

When the client search

Then list of cars corresponding the filtering appears

**User Story D: Select a car:**

As a client

I want to select the car that I chose to see more information such as a picture of the car

So I can decide better if I want to buy it

**Scenario 1D – Choosing a car:**

Given a list of cars

When the client chooses a car

Then all information about the selected car and picture(s) appears

**User Story E: Login:**

As a car sales manager

I want to be able to securely login to the system

So that only account holders can add new user accounts

**Scenario 1E – Invalid user:**

Given that, I am on the login page

When I enter a username that does not exist

Then I should not be able to proceed from the login page

And I should be prompted with a message stating what was wrong

**Scenario 2E – Invalid password:**

Given that I am on the login page

When I enter a correct username

And an incorrect password

Then I should not be able to proceed from the login page

And I should be prompted with a message stating what is wrong

**Scenario 3E – Correct login:**

Given that I am on the login page

When I enter valid login credentials

Then I should be able to access more features

And I should see a message indicating a successful

**Scenario 4E – Create Account:**

Given that I am successfully logged in

When I select the "Login" option

Then I can create a new account

**Scenario 5E – Login new account:**

Given that I have created a new account

When I log out

Then I can login and use the newly generated account

**Scenario 6E – Create existing user:**

Given that I am successfully logged in

When I create a new manager account with the same username/email as an existing account

Then the original account will not be overwritten

And the new account will not be created

**Scenario 7E – Create bad username:**

Given that I am successfully logged in

When I try to register a new account

And use a username that does not meet the pattern specified

Then I cannot proceed to a new page

**Scenario 8E – Create bad email:**

Given that I am successfully logged in

When I try to register a new account

And use an email address that does not meet the pattern specified

Then I cannot proceed to a new page

**Scenario 9E – Create password that doesn’t match:**

Given that I am successfully logged in

When I try to register a new account

And the password does not match the repeated password

Then I will be informed that the registration has failed

**Scenario 10E – Create password too short:**

Given that I am successfully logged in

When I try to register a new account

And use a username that does not meet the pattern specified

Then I cannot proceed to a new page