Test Plan QA_challenge Cabify

Introduction

At Cabify we are always testing new features that add value to our users. Could you help us to test our new functionality: **Price Calculator**?

What is Price Calculator?

We want to help users to choose what kind of journey they want to do and how much this journey will cost. To do it, we want to provide users a new tool to calculate the price of a journey from the most common start points to the most common destination points and get the estimated price for the journey. Once you have the estimation, you can order a car or you can calculate a new journey.

The price for each user is unique and it depends from different things (#journeys for the user, mean journey time for this user, etc.). To do it, we show to the user a 3-number token that the user has to memorise and include in the estimation. The price for a journey depends on distance and vehicle type (Lite: standard price, Executive: 10% expensive about Lite price).

Requirement of acceptance

- The system must display journey value for common destinations after data is filled in correctly allowing you to request a car or make a new calculation.
- The system must display the journey value to the common starting point after the data is filled in correctly allowing you to request a car or make a new calculation.
- The system should display error message if token is invalid.
- The system should display error message if token is not filled.
- The system should display an error message if the token is filled with invalid characters.
- The system should display the value 10% more expensive than the Lite vehicle when selecting a journey with an Executive vehicle.
- The system should display on the screen past journeys the calculated journey at the end of the list.
- The system should display alert if the starting point is equal to drop off point.
- The system should display alert when lite and executive is selected at the time of the journey calculation.
- The system should display alert when without choosing any type of car at the time of the journey calculation.

Configuration

For the tests we will use the ruby language in version 2.6.3 with the appium framework in version 10.0.0.
Will be made automated functional tests.

Test cases

<u>Positive</u> test cases:
- Calculate the destination value of the journey successfully
- View past journeys

<u>Negative</u> test cases:
- Invalid token
- Starting point equal to destination
- Choose lite and executive together

BDD

Feature: Price calculator
    As a user of the cabify app
    I want to calculate the price of the journey
    To know the value before requesting a car

Background: Login successfully
    Given that the user logged into the application

Scenario Outline: Calculate the destination value of the journey successfully
    And selects '<origin>' of the journey
    And the '<destination>' of the journey
    When selects '<type>' car
    And fills in a valid token
    And tap the estimate button
    Then should see the <value> of the trip successfully on the screen

Examples:

origin	type	destination	value
Atocha	Lite	Aeropuerto Madrid Barajas, T4	35.2
Atocha	Lite	Calle Pradillo, 42	17.5
Atocha	Lite	Calle Mejía Lequerica, 14	24.3
Atocha	Executive	Aeropuerto Madrid Barajas, T4	38.72
Atocha	Executive	Calle Pradillo, 42	19.25
Atocha	Executive	Calle Mejía Lequerica, 14	26.73

Scenario Outline: Invalid token
    And selects origin
    And selects the fate of the journey with the type car
    When fills in a invalid <token>
    And tap the estimate button
    Then the system should display error '<message>'

Examples:

token	message
999	Captcha typed is wrong
aaa	Captcha typed is wrong
	Captcha typed is wrong

Scenario: View past journeys
        And fills in all valid information
        And tap the estimate button
        When tap the request car button
        Then the system should display the calculated journey at the end of the
list

Scenario: Starting point equal to destination
        And selects origin
        And selects fate equals origin
        When fill in the other fields with valid data
        And tap the estimate button
        Then the system should not calculate the journey
        And should display an alert

Scenario: Choose lite and executive together
        And selects origin
        And selects fate different of the origin
        And selects the two types of car
        When fills in valid token
        And tap the estimate button
        Then the system should not calculate the journey
        And should display an alert

Scenario: Without choosing any type of car
        And selects origin
        And selects fate different of the origin
        And without choosing any type of car
        When fills in valid token
        And tap the estimate button
        Then the system should not calculate the journey
        And should display an alert