

Documentação do Teste_QA_2023 - FORMULÁRIO TRICENTIS

A documentação é composta pelos requisitos solicitados no teste prático, com a descrição dos casos de teste e as evidências dos testes sendo executados no Cypress, ferramenta utilizada para a automação dos mesmos.

Foi criado um projeto no VS Code, contendo toda a documentação, scripts, evidências e descrição dos casos de teste.

Os casos de testes foram criados utilizando a escrita Gherkin.

Given: Dado (condição)

When: Quando (ação)

Then: Então (resultado da ação)

And: e (adição)

2- Acessar o site de seguros:

-Documentar o preenchimento de cada aba do formulário, com capturas de tela.

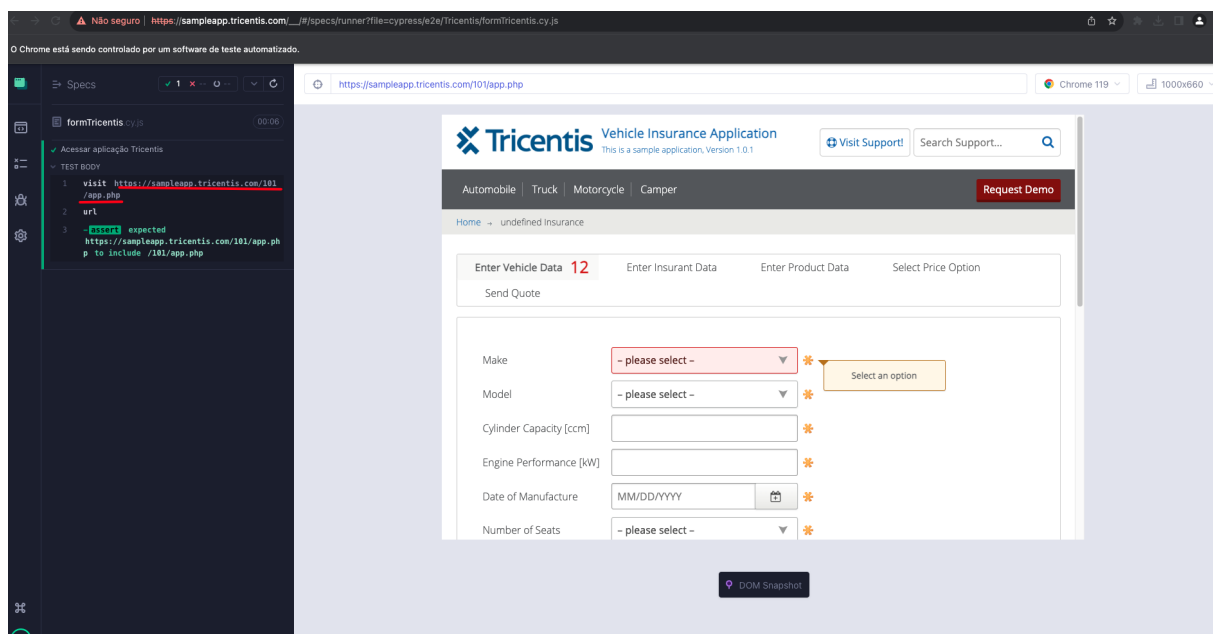
Caso de Teste: Acessar aplicação Tricentis

Dado que possuo o link ('<https://sampleapp.tricentis.com/101/app.php>)

And crio o projeto do teste no VsCode e o mesmo automatizado na ide Cypress

When acesso o navegador com o link

Then posso visualizar a página da Tricentis



Caso de Teste: Preencher todos os campos do formulário e enviar

Given que estou na página da Tricentis

When preencho todos os campos obrigatórios do formulário

Then posso enviar o formulário

Tricentis Vehicle Insurance Application

Automobile | Truck | Motorcycle | Camper

Home → undefined Insurance

Enter Vehicle Data 0 Enter Insurant Data Enter Product Data Select Price Option

Send Quote

Make ✓

Model ✓

Cylinder Capacity [cm] ✓

Engine Performance [kW] ✓

Date of Manufacture ✓

Number of Seats ✓

Pinned before after Highlights X

Tricentis Vehicle Insurance Application

Automobile | Truck | Motorcycle | Camper

Home → undefined Insurance

Enter Vehicle Data 0 Enter Insurant Data Enter Product Data Select Price Option

Send Quote

Number of Seats ✓

Right Hand Drive ☐ Yes ☐ No ✓

Fuel Type ✓

Payload [kg] ✓

Total Weight [kg] ✓

List Price [\$] ✓

License Plate Number ✓

Annual Mileage [mi] ✓

Next

Clicando em Next

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Chrome está sendo controlado por um software de teste automatizado.

https://sampleapp.tricentis.com/101/app.php

Tricentis Vehicle Insurance Application
This is a sample application, Version 1.0.1

Automobile | Truck | Motorcycle | Camper

Request Demo

Home > undefined Insurance

Enter Vehicle Data | Enter Insurant Data 0 | Enter Product Data | Select Price Option

Send Quote

First Name CAMILLA ✓
Last Name TORRES ✓
Date of Birth 12/06/1998 ✓
Gender ☐ Male ☒ Female

Peenchedo campos da aba EnterInsurantData

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Chrome está sendo controlado por um software de teste automatizado.

https://sampleapp.tricentis.com/101/app.php

Street Address RUA 5, N.193, SETOR CENTRAL ✓
Country - please select - ✓
Zip Code 75250004 ✓
City GOIÂNIA ✓
Occupation - please select - ✓
Hobbies ☐ Speeding ☒ Bungee Jumping ☐ Cliff Diving ☒ Skydiving ☐ Other ✓
Website www.teste.com.br ✓
Picture img.jpg Open

« Prev Next »

Clicando em Next

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Chrome browser window showing the Tricentis Vehicle Insurance Application. The application is running on <https://sampleapp.tricentis.com/101/app.php>. The interface includes a navigation bar with "Automobile", "Truck", "Motorcycle", and "Camper" tabs, and a "Request Demo" button. The main content area is titled "Home - undefined insurance" and contains a "Send Quote" button. Below this, there are four sections: "Enter Vehicle Data", "Enter Insurant Data", "Enter Product Data", and "Select Price Option". The "Enter Product Data" section is currently active, showing a form with the following fields:

- Start Date: 01/03/2024
- Insurance Sum (\$): - please select -
- Merit Rating: - please select -
- Damage Insurance: - please select -
- Optional Products: ☒ Euro Protection, ☒ Legal Defense Insurance

A red arrow points to the "Enter Product Data" section, with the text "Preenchendo campos da aba EnterProductData".

On the left side of the browser window, the Cypress test runner is visible, showing the following test steps:

```
75 -type 01/03/2024
76 get #insurancesum
77 -select 10000000
78 [cypress] expected <select#insurancesum> to have value '10000000'
79 get #meritrating
80 -select Bonus 9
81 [cypress] expected <select#meritrating> to have value Bonus 9
82 get #damageinsurance
83 -select Full Coverage
84 [cypress] expected <select#damageinsurance> to have value Full Coverage
85 get input[type='checkbox']
86 -check (force: true)
87 -check (force: true)
88 -check (force: true)
89 -check (force: true)
90 -check (force: true)
91 -check (force: true)
92 -check (force: true)
93 get #courtesycar
94 -select Yes
95 [cypress] expected <select#courtesycar> to have value Yes
96 get #nextselectpriceoption
97 -click
98 get input[type='radio'] (value='Ultimate')
99 -check (force: true)
```

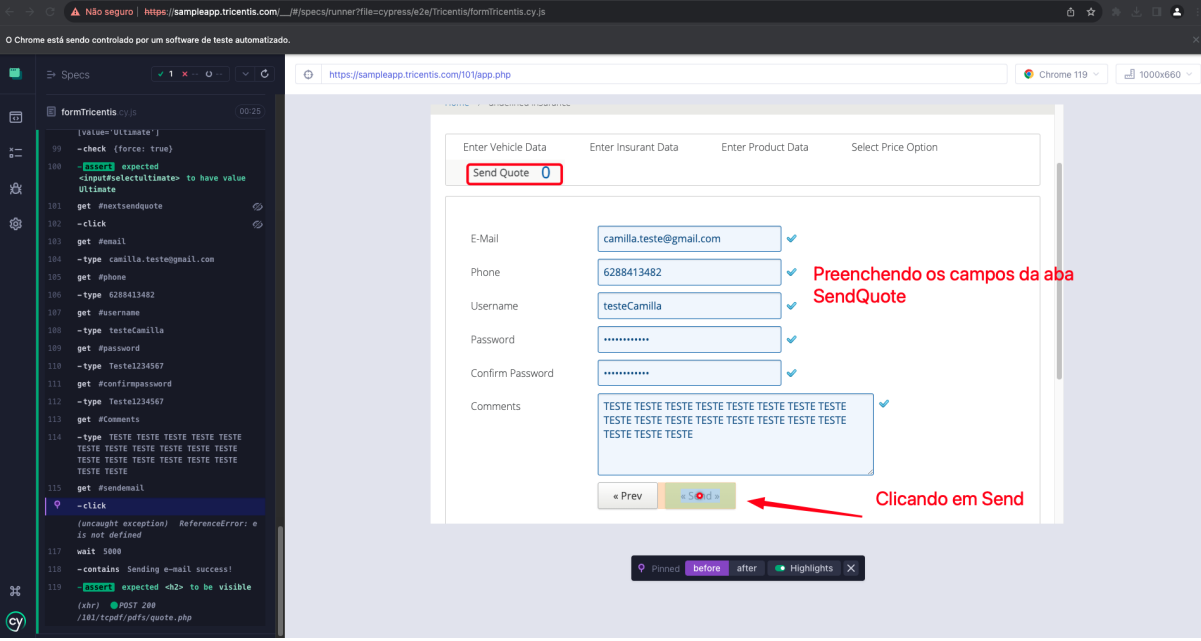
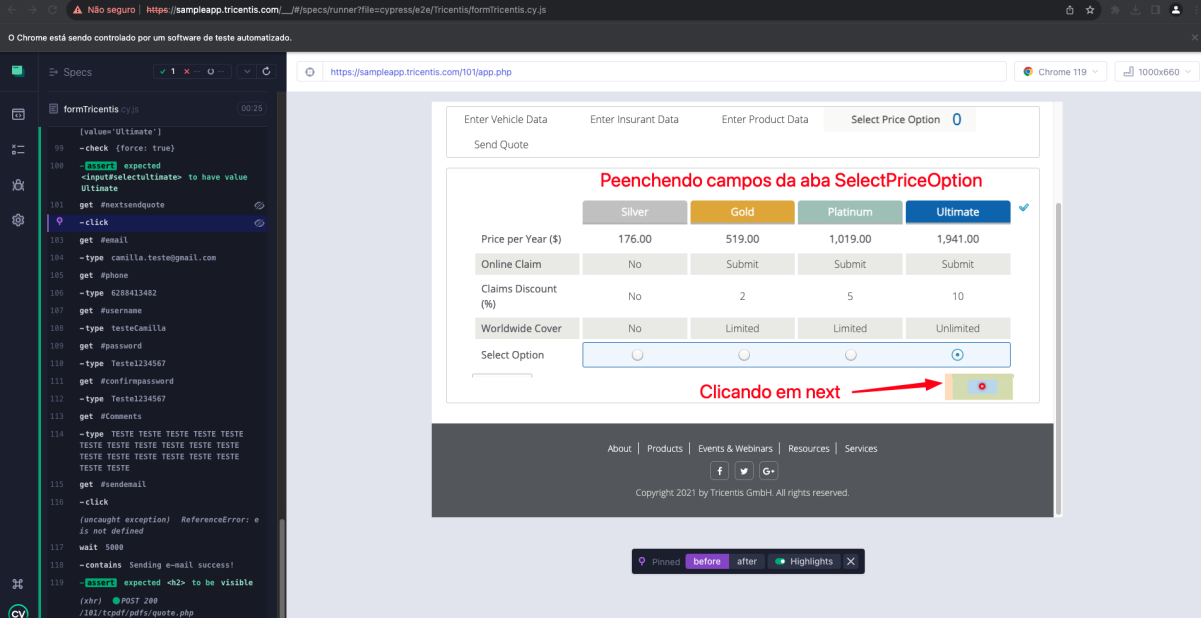
Chrome browser window showing the Tricentis Vehicle Insurance Application. The application is running on <https://sampleapp.tricentis.com/101/app.php>. The interface includes a navigation bar with "Automobile", "Truck", "Motorcycle", and "Camper" tabs, and a "Request Demo" button. The main content area is titled "Home - undefined insurance" and contains a "Send Quote" button. Below this, there are four sections: "Enter Vehicle Data", "Enter Insurant Data", "Enter Product Data", and "Select Price Option". The "Enter Product Data" section is currently active, showing a form with the following fields:

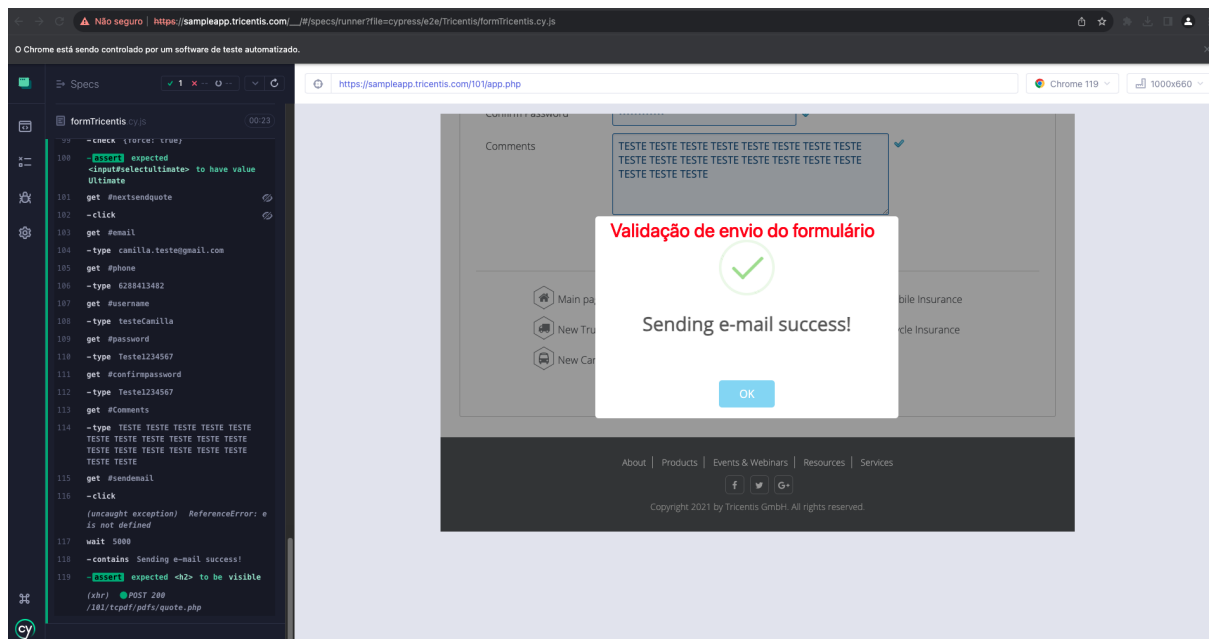
- Start Date: 01/03/2024
- Insurance Sum (\$): - please select -
- Merit Rating: - please select -
- Damage Insurance: - please select -
- Optional Products: ☒ Euro Protection, ☒ Legal Defense Insurance
- Courtesy Car: - please select -

A red arrow points to the "Next" button, with the text "Preenchendo campos da aba EnterProductData".

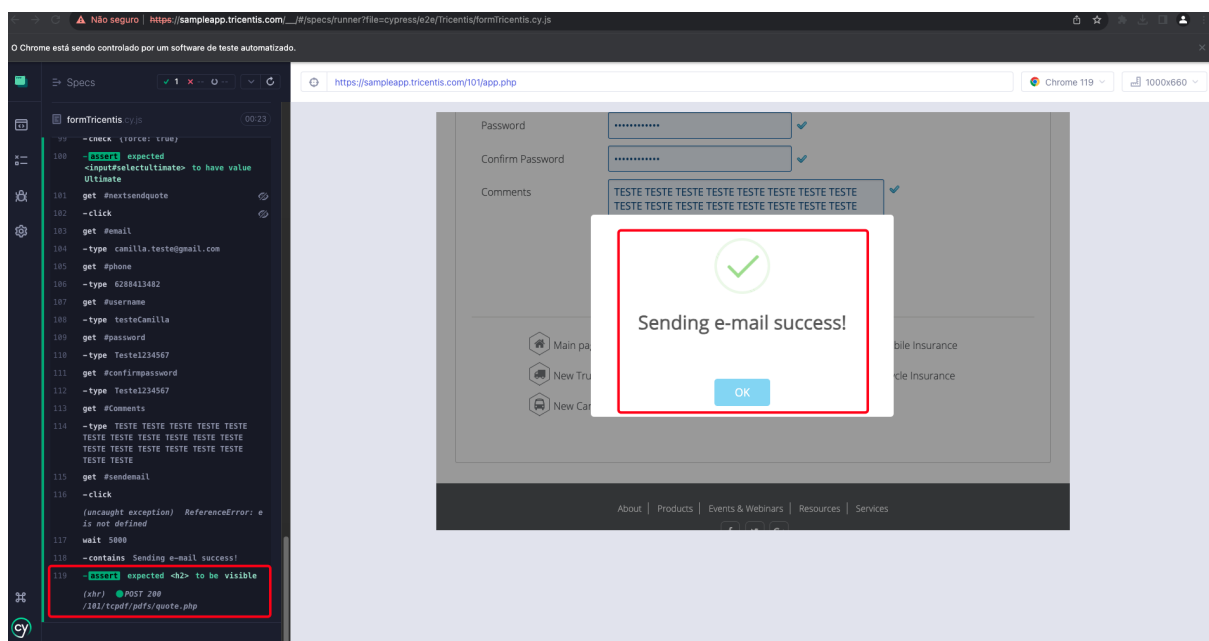
On the left side of the browser window, the Cypress test runner is visible, showing the following test steps:

```
75 -type 01/03/2024
76 get #insurancesum
77 -select 10000000
78 [cypress] expected <select#insurancesum> to have value '10000000'
79 get #meritrating
80 -select Bonus 9
81 [cypress] expected <select#meritrating> to have value Bonus 9
82 get #damageinsurance
83 -select Full Coverage
84 [cypress] expected <select#damageinsurance> to have value Full Coverage
85 get input[type='checkbox']
86 -check (force: true)
87 -check (force: true)
88 -check (force: true)
89 -check (force: true)
90 -check (force: true)
91 -check (force: true)
92 -check (force: true)
93 get #courtesycar
94 -select Yes
95 [cypress] expected <select#courtesycar> to have value Yes
96 get #nextselectpriceoption
97 -click
98 get input[type='radio'] (value='Ultimate')
99 -check (force: true)
```





-Verificação e documentação da mensagem de sucesso “Sending e-mail success!”.



-Observações Adicionais para Documentação:

-Incluir comentários no código fonte do Cypress para explicar a lógica de teste.

Scripts com comentários explicativos adicionados no projeto.

-Documentar as validações realizadas em cada etapa.

Toda a documentação e validações(evidências) estão registradas no presente documento.

-Registrar quaisquer problemas ou peculiaridades encontradas durante os testes.

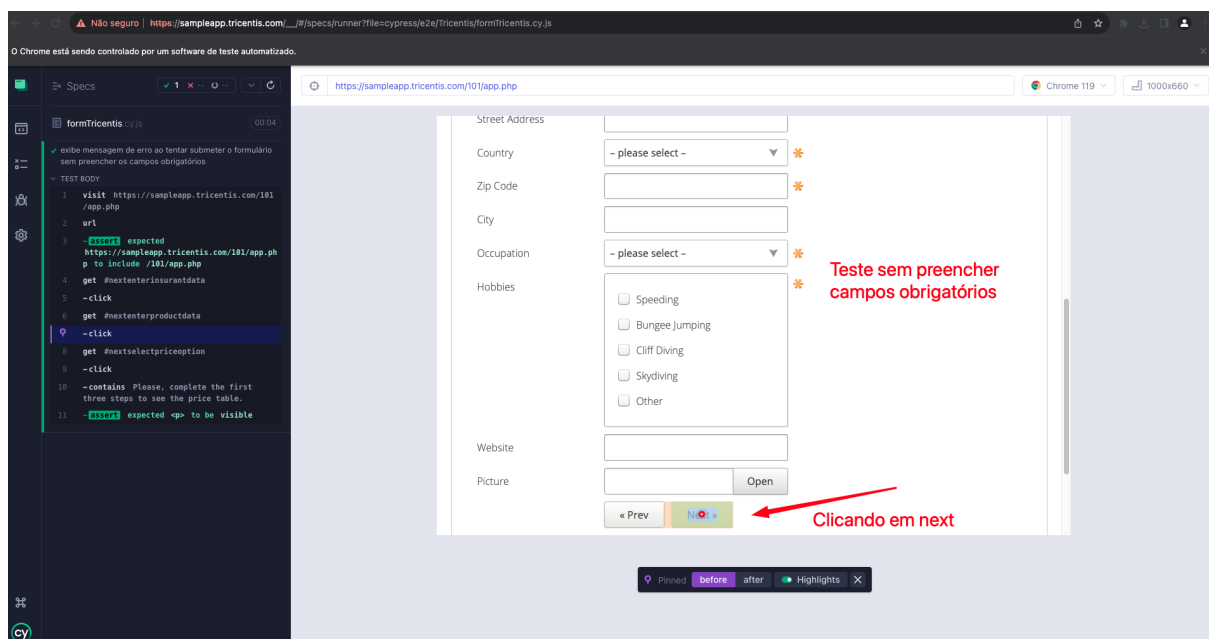
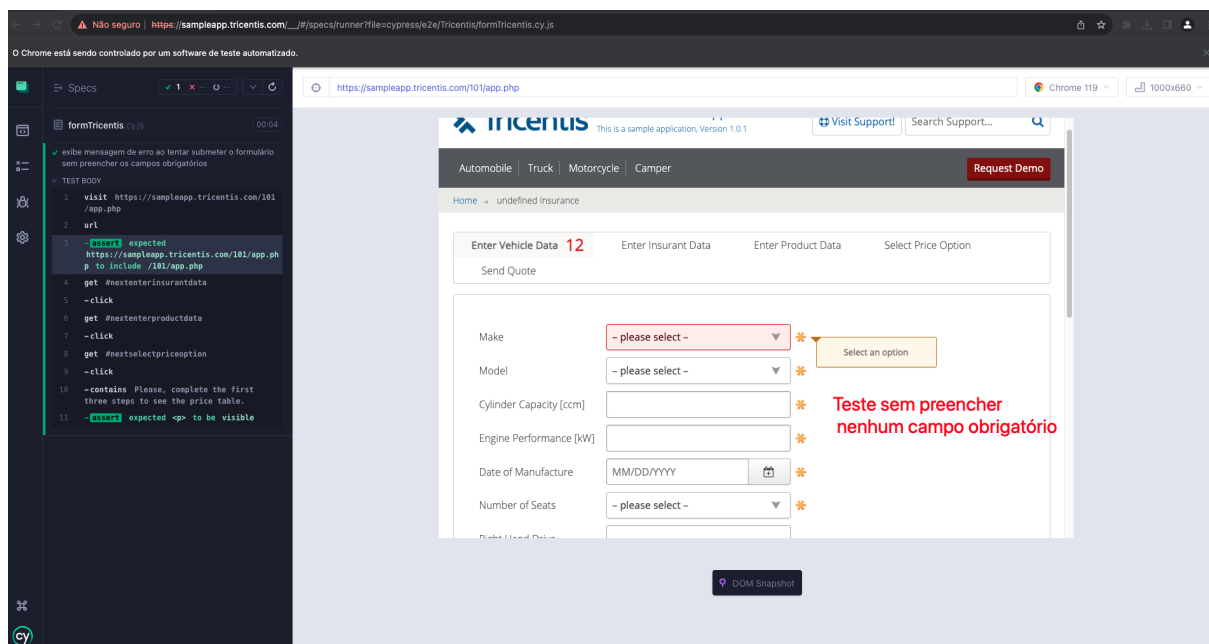
As peculiaridades e problemas encontrados se trata da criação dos casos de testes negativos da aplicação e a validação de como ela deve se comportar.

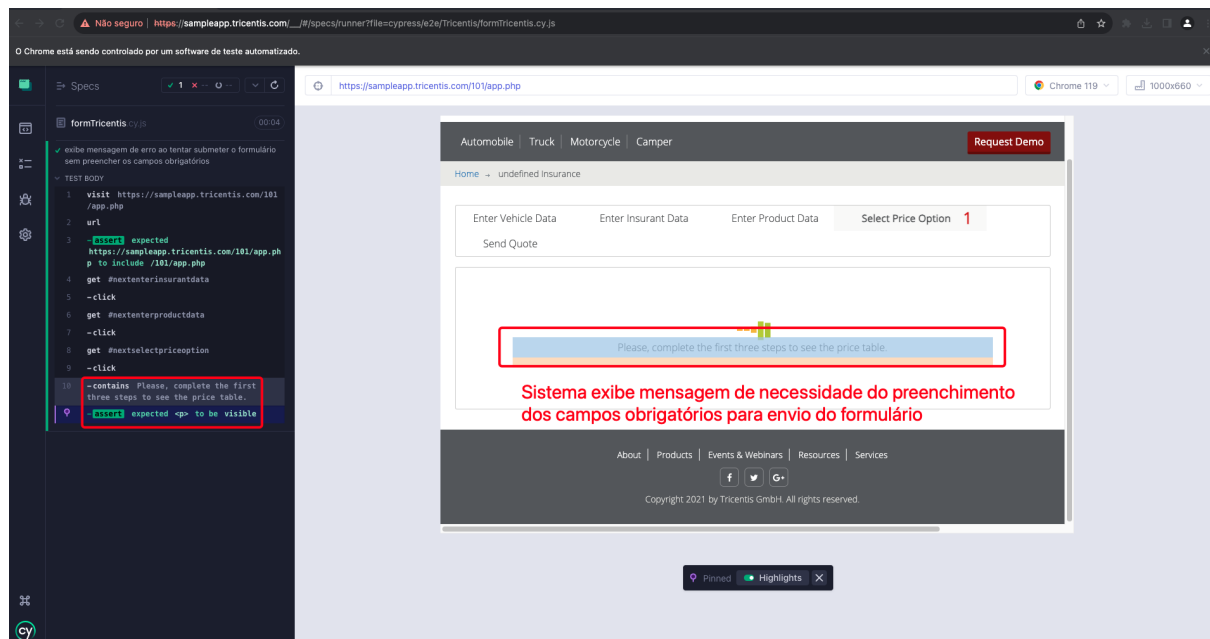
Caso de Teste: Exibe mensagem de erro ao tentar submeter o formulário sem preencher os campos obrigatórios

Given que estou na página da Tricentis

When não preencho todos os campos obrigatórios do formulário

Then sistema não permite envio do formulário e informa necessidade de preenchimento dos campos obrigatórios



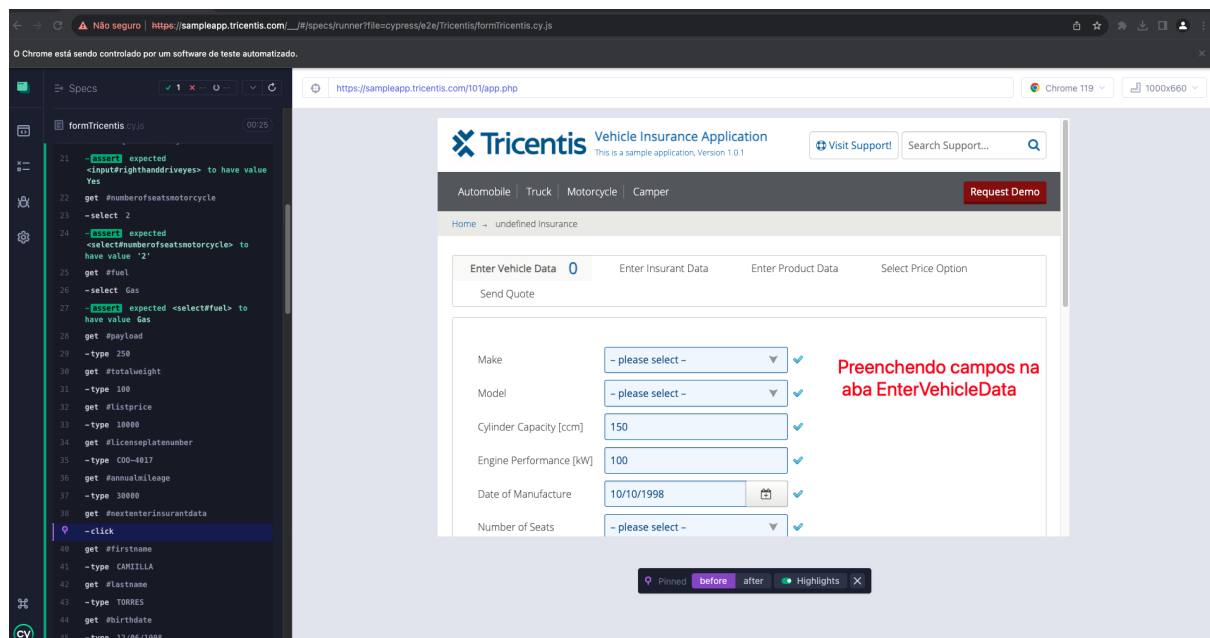


Caso de Teste: Exibe mensagem de erro ao submeter o formulário com um site com formatação inválida

Given que estou na página da Tricentis

When não preencho o campo Website com uma formatação válida

Then sistema informa que deve ser um URL válido e campo fica sinalizado em vermelho



O Chrome está sendo controlado por um software de teste automatizado.

https://sampleapp.tricentis.com/101/app.php

formTricentis.cy.js

```
27 -expect expected <select#fuel> to
have value Gas
28 get #payload
29 -type 250
30 get #totalweight
31 -type 100
32 get #listprice
33 -type 10000
34 get #licensesplatenumber
35 -type COO-4017
36 get #annualmileage
37 -type 30000
38 get #nextenterinsurantdata
39 -click
40 get #firstname
41 -type CAMILLA
42 get #lastname
43 -type TORRES
44 get #birthdate
45 -type 12/06/1998
46 get input[type='radio'][value='Female']
47 -check (force: true)
48 -expect expected <input#genderfemale>
to have value Female
49 get #streetaddress
50 -type RUA 5, N.193, SETOR CENTRAL
51 get #country
52 -select Brazil
53 -expect expected <select#country> to
```

Number of Seats - please select - ✓

Right Hand Drive Yes No ✓

Number of Seats - please select - ✓

Fuel Type - please select - ✓

Payload [kg] 250 ✓

Total Weight [kg] 100 ✓

List Price (\$) 10000 ✓

License Plate Number COO-4017 ✓

Annual Mileage [mi] 30000 ✓

Clicando em Next

Next

Pinned before after Highlights

Preenchendo campos na aba EnterVehicleData

O Chrome está sendo controlado por um software de teste automatizado.

https://sampleapp.tricentis.com/101/app.php

formTricentis.cy.js

```
56 get #city
57 -type GOIÂNIA
58 get #occupation
59 -select Selfemployed
60 -expect expected <select#occupation>
to have value Selfemployed
61 get input[type='checkbox']
[value='BungeeJumping']
62 -check (force: true)
63 -expect expected
<input#bungeejumping> to have value
BungeeJumping
64 get input[type='checkbox']
[value='Skydiving']
65 -check (force: true)
66 -expect expected <input#skydiving> to
have value Skydiving
67 get #website
68 -type www.teste.com.br
69 get [type='file']
70 -expect expected
<input#picturecontainer.ideal-file> not
to have value undefined
71 -selectFile img.jpg, (force: true)
72 get #nextenterproductdata
73 -click
74 get #startdate
75 -type 01/03/2024
76 get #insurancesum
77 -select 10000000
78 -expect expected
<select#insurancesum> to have value
```

Tricentis Vehicle Insurance Application

This is a sample application, Version 1.0.1

Visit Support! Search Support...

Automobile | Truck | Motorcycle | Camper Request Demo

Home undefined Insurance

Enter Vehicle Data Enter Insurant Data 0 Enter Product Data Select Price Option

Send Quote

First Name CAMILLA ✓

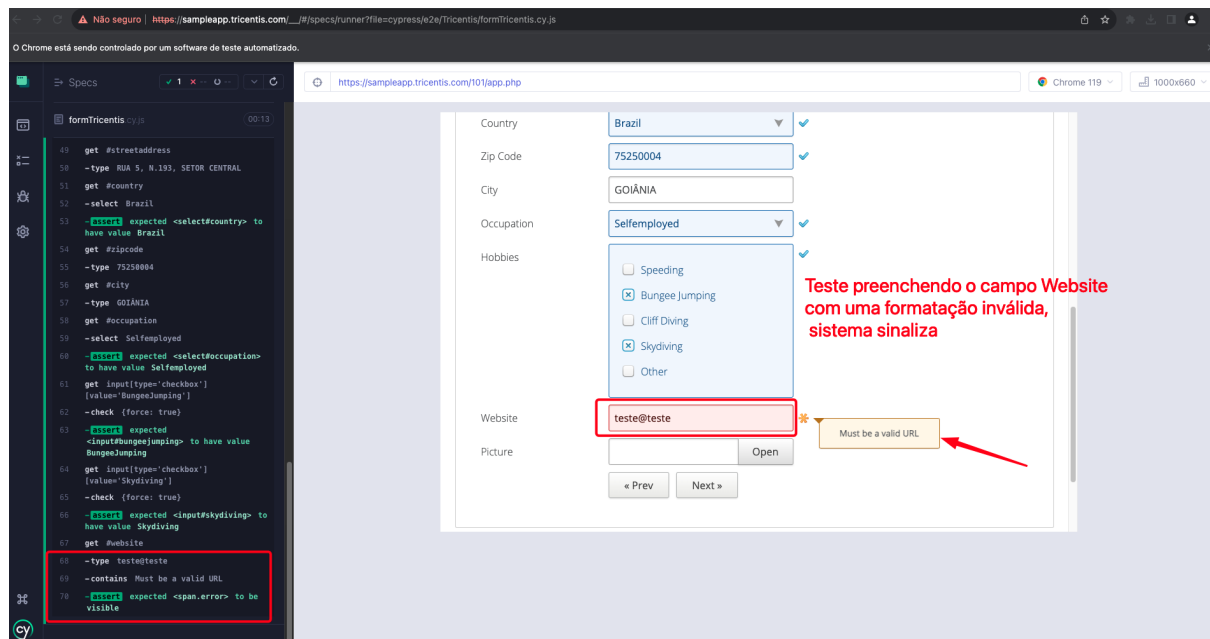
Last Name TORRES ✓

Date of Birth 12/06/1998 ✓

Gender Male Female ✓

Pinned before after Highlights

Preenchendo campos da aba EnterInsurantData



3- Produto do Teste com Documentação:

-Scripts Cypress no GitHub, com comentários explicativos.

Scripts com comentários explicativos adicionados no projeto.

-Documentação detalhada no formato de markdown ou PDF junto ao repositório.

Documentação do presente documento adicionada no repositório.

-Vídeo do teste no diretório “video” no repositório, com anotações se necessário.

Evidência em vídeo do teste Formulário Tricentis:

The screenshot shows the Cypress Specs page. The left sidebar has a dark theme with the following menu items: Specs, Runs, Debug, and Settings. The main content area is titled 'Specs' and shows a search bar with 'Search specs' and a '+ New spec' button. Below the search bar, there are filters for '126 specs' and 'Component specs'. The table below lists the specs:

	Last updated	Latest runs	Average duration
<ul style="list-style-type: none"> cypress / e2e <ul style="list-style-type: none"> Ensricao <ul style="list-style-type: none"> formEinscricao.cy.js (38 mins ago) Tricentis <ul style="list-style-type: none"> formTricentis.cy.js (a few secs ago) 			