Software Quality Engineer

Assignment for interview candidates

Requirements
- Develop a suite of test scripts for the 3 scenarios in the provided user story.
- The test suite must be executable on the command line.
- Test execution should produce both human- and machine-readable test results.
- The assignment should include:
  - setup and installation notes for your test suite
  - any relevant information or scripts to run your test suite
  - a standard project structure where possible
- All tests should pass. If not, please state any known issues in your project notes.
- The assignment will also be evaluated on presentation, attention to detail and readability of the code.

Submission format
- Please submit your completed assignment via either:
  - GitHub project location
  - file sharing via Dropbox or another file sharing service
  - zip archive

Bonus points +++
- Feel free to use the testing tools and frameworks you are familiar with, however use of the following is preferred:
  - Cucumber or other BDD testing frameworks
  - JavaScript or TypeScript for the implementation language
- Use of executable scripts instead of lists of setup notes or instructions.
- An implementation that can run on both Linux/macOS and Windows.
- An additional test report in HTML format for the execution output.
- Implementations that can pass when executed for different browser engines.
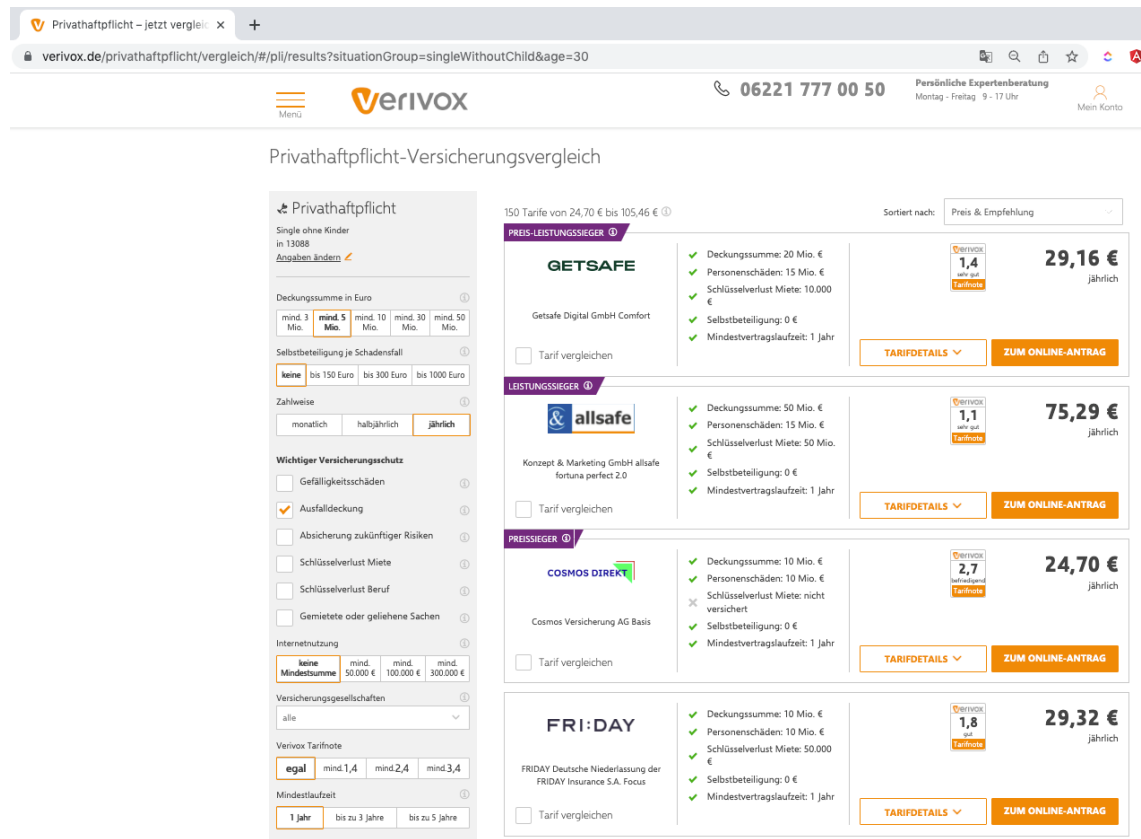
User story

AS A	Verivox user
I WANT TO	use the Privathaftpflicht calculator and tariff search pages
SO THAT	I can select the best available tariff based on price

Scenario 1: Verify the Privathaftpflicht calculator

GIVEN	that I can open www.verivox.de
WHEN	I navigate to Versicherungen and select Privathaftpflicht
AND	I enter **my age** and Single ohne Kinder
THEN	I go to the Privathaftpflicht personal information page
AND	I enter my birthdate
AND	I enter my zip code (use 13088)
AND	I click the **Jetzt vergleichen** button
THEN	I should see a page that lists the available tariffs for my selection

Verify that

> ➤ at least 5 tariffs are shown

Screenshot 1 – Result list

Scenario 2: Load multiple tariff result pages

GIVEN   the same tariff calculation criteria from scenario 1
WHEN   I display the tariff Result List page
THEN   I should see the total number of available tariffs listed above all the result list
WHEN   I scroll to the end of the result list page
THEN   I should see only the first 20 tariffs displayed
WHEN   I click on the button labeled **20 weitere Tarife laden**
THEN   I should see the next 20 tariffs displayed
AND   I can continue to load any additional tariffs until all tariffs have been displayed

Verify that
> ➤ the **weitere Tarife laden** button is no longer displayed when all the tariffs are visible
> ➤ the total number of tariffs displayed matches the total listed number of tariffs above result list

Screenshot 2 - Total number of tariffs

Scenario 3: Verify offer details for a selected tariff

GIVEN the same tariff calculation criteria from scenario 1
AND I display the tariff result list page
THEN I should see the tariff price of the first tariff
WHEN I open tariff details
THEN I see tariff details sections: "Weitere Leistungen", "Allgemein", „ Tätigkeiten und Hobbys"
AND I see tariff details sections: "Miete & Immobilien" and "Dokumente"
AND I see the **ZUM ONLINE-ANTRAG** button

Verify that the offer page displays
  ➤ both **In 5 Minuten online wechseln** buttons
  ➤ the expected page contents and tariff details for your selected tariff
      o see the outlined page contents in screenshot below

Screenshot 3 – Tariff details