

Hello dear Candidate,

As part of this process we propose an automation code exercise.

The exercise involves the automation of the QualityMinds.de website using Selenium in Chrome and Firefox.

Programming language, testing framework and design pattern are not fixed, although Java and Junit/TestNG are preferable.

Keep in mind that we would like to run all tests in both browsers in parallel and see some sort of aggregated report after testing.

We propose three test cases, as follows:

Test case 1:

	Steps	Expected Results
1	Go to www.qualityminds.de URL	QualityMinds page is opened
2	Click on “Kontakt” at the top navigation bar of the page	Kontakt & Anfahrt page is displayed
3	Verify if the page contains email address: hello@qualityminds.de	Page contains hello@qualityminds.de email address
4	Navigate back to www.qualityminds.de main page	QualityMinds page is displayed
5	Click on KONTAKT & ANFAHRT link at the bottom of the page	Kontakt & Anfahrt page is displayed
6	Verify if the page displayed in step 2 is the same page that is displayed in step 5	Pages displayed in step 2 and 5 are the same

Test case 2:

	Steps	Expected Results
1	Go to www.qualityminds.de URL	QualityMinds page is opened
2	Hover on Portfolio at the top navigation bar of the page and verify if submenu is displayed	Submenu is displayed
3	Click on Web, Automation & Mobile Testing sub option	Web, Automation & Mobile Testing page is displayed
4	Verify that the Portfolio item of the top bar menu is highlighted	Portfolio item of the top bar menu is highlighted
5	Click on Mobile tab in “Web – Automatisierung – Mobile” section	Mobile section content is displayed, “Mobile” is underlined in grey, “Flyer find the bug session” button is displayed on the right
6	Verify the download link for the flyer	Link should be equal to https://qualityminds.de/app/uploads/2018/11/Find-The-Mobile-Bug-Session.pdf
7	Verify if file is available via download link	File can be downloaded

Test case 3:

	Steps	Expected Results
1	Go to www.qualityminds.de URL	QualityMinds page is opened
2	Click on the Karriere link in top navigation bar	A Karriere page is opened
3	Click on Bewirb Dich Jetzt! button	An application form is opened
4	Click on Jetzt bewerben button	Message is not be submitted
5	Verify if validation messages are displayed	Validation messages were displayed for 3 fields
6	Fill the Vorname and Nachname field	Fields are filled
7	Click on Jetzt bewerben button	Message is not submitted
8	Verify if validation messages are displayed	Validation messages were displayed for email field
9	Fill the E-mail field with an Invalid value	Email field is filled
10	Click on Jetzt bewerben button	Message is not submitted
11	Attach file with DATEIEN HOCHLADEN button	Filename of attachment is displayed above DATEIEN HOCHLADEN button
12	Check the checkbox for Datenschutzerklärung	Checkbox is checked