Hello dear Candidate,

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

The exercise involves the automation of the QualityMinds.com 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:

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| --- | --- | --- |
|  | Steps | Expected Results |
| 1 | Go to **www.qualityminds.com** URL | QualityMinds page is displayed |
| 2 | Hover **over the** language menu and click German flag | German version of **the** page is displayed, **page** url is <https://qualityminds.com/de/> |
| 3 | Hover **over Portfolio** and click **Automatisiertes Testen** | Automatisiertes Testen page is displayed |
| 4 | Verify that page contains button **Kontaktiere Uns** which links to **the** email address: testing@qualityminds.de | Page contains button with mailto testing@qualityminds.de email address |
| 5 | Navigate back to **www.qualityminds.com** main page | QualityMinds page is displayed |
| 6 | Verify that you see **the** **English** version of page | British flag is displayed on page navigation bar (en.png) |
| 7 | Hover **over Services** and click **Test Automation** | Test Automation page is displayed |
| 8 | Hover language menu and click German flag | Automatisiertes Testen page is displayed |
| 9 | Verify if the page displayed in step 3 is the same as page displayed in step 8 | Pages displayed in steps 3 and 8 are the same. |

**Test case 2:**

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|  | **Steps** | **Expected Results** |
| **1** | **Go to www.qualityminds.com URL** | **QualityMinds page is displayed** |
| **2** | **Verify that you see English version of page** | **British flag is displayed on page navigation bar (en.png)** |
| **3** | **Hover on ABOUT US at the top navigation and verify if submenu is displayed** | **Submenu is displayed** |
| **4** | **Click on EVENTS** | **Events page is displayed** |
| **5** | **In the "Search for events" bar, type 2021 and click Find Events** | **Results page displays no-results message. Results page displays "Now onwards" option.** |
| **6** | **Click down arrow next to "Now onwards". Verify if calendar is displayed.** | **Calendar is displayed.** |
| **7** | **Navigate through the calendar to December 2021 and select day 31.** | **"Now onwards" is replaced with "December 31, 2021 onwards".** |
| **8** | **Verify that you have 1 search result** | **Result should be ICSTTP 2021, dated January 04, 2022.** |

Test case 3:

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|  | Steps | Expected Results |
| 1 | Go to URL **https://qualityminds.com/de/karriere/stellenangebote/** | Stellenangebote page is displayed |
| 2 | Validate that at least one job offer is available | At least one box with job opening is available |
| 3 | In the first (top, left) box click **Erfahre mehr** | Job offer is being displayed |
| 4 | Click **SENDEN** button | Validation messages were displayed for 4 fields |
| 5 | Type a name in **Vorname und Nachname** input. Verify that validation message for this input disappeared. | Validation message under filled-in input is not displayed anymore.  Validation messages were displayed for remaining 3 fields. |
| 6 | In **Email** input enter smiling face emoji (Unicode U+1F60A) | Validation message changed from “This field is required” to “Please enter a valid email address”. |
| 7 | Read the first 10 words of job description on the left panel, and copy them to **Bewerbungsschreiben** input | Validation message under filled-in input is not displayed anymore. |
| 9 | Attach file with **DATEIEN HOCHLADEN** button | File name is displayed on the button |
| 10 | Check the checkbox for **Datenschutzerklärung** | Checkbox is ticked |