Tools Used:

* Visual Studio Code
* Selenium Webdriver

Programming language used:

* Python 3.10

Testcase Execution Steps:

* Install Selenium Webdriver
* Install HtmlTestRunner, unittest

Chrome and chrome driver version used: 98.0.4758.82

* After Installing all the tools, programming language, driver and other requirements, click on run button.
* Once all the testcase executes, it will generate the reports under the Reports folder.
* To check the report in Visual Studio -> Right click on the report -> copy path ->Go to Chrome ->Paste path of the report and click enter->Result with pass and fail will appear on the screen ->Check the output by clicking on view.
* Another way to check result -> Go to the project folder where it is saved (for example, Desktop)-> Then go to Report folder and double click/open the report directly in browser and then follow the above procedure to check the result.

**Task 2 Solution:**

1. I would like to add few checks such as title of the page should display title or text of the title by using find\_elements function or text method.

Other thing that can be added is to check the for all the sterne whether the filter option is working or not for all other stars.

2.

* I would recommend to check all the links such as Zur Website, Wie berechnet sich die Note? etc. are working properly or not like whether it is leading to the required destination page or not.
* Alle positiven Bewertungen anzeigen and Alle kritischen Bewertungen anzeigen whether these are displaying only positive and Negative reviews respectively or not.
* After clicking on bar of the stars whether it is filtering as per the clicked bar or not (e.g. if bar for 4 sterne have been clicked it should filter all the review for 4 Sterne).
* By using Sortierung Relevanz option whether reviews are displaying after sorting or not

3.

* Yes, Non-functional testing such as Performance Testing can be performed in the page to check the response time of the application such as how much time it is taking to load the application. It can be performed by decreasing or increasing the load in the application.
* Compatibility Testing can also be performed to check whether it is able to inter operate with the other systems or software or browsers. It can be performed by testing it with another software or browser or operating systems.
* User Interface Testing can also be performed to check whether the GUI is correct and consistent or not with the standard requirement.

* I would like to add one point which I noticed after performing translate to English option. Here, name of the user who has given reviews are not aligned properly. So non-functional testing such as Localization and Internalization Testing can be performed to check whether application is working properly with other languages or not.