I did an automation as requested, I used BDD in python. Could have used any other language, but currently I have been working with python, so to gain time I did in this language.

There is a README.md in the project that describes how to use it and some details of how I implemented it.

As for the manual tests I followed the specification to evaluate the page. I saw that some features are available and are not described in the requirement and believe that in this case they should be hidden. I did not evaluated their behavior.

Another point about the manual analysis is about the layout, I reported some errors (such as button to add task) and in this case it's interesting to have a specified layout wich helps to evaluate the software.

Non-functional tests could implement performance and security testing. For performance I would use locust and since I implemented using python it would facilitate maintenance. For security I would use owasp.