Doing a quick search online I found many different frameworks for unit testing. I first chose robot but after taking a closer look it seemed a little odd so I went with PyTest. The tests I wrote using the built-in python unittest module can also be written using PyTest without too significant of a difference in them. Using PyTest we can still use the same unittest.TestCase class from the built in unittest module of python but not only that it seems like you can run multiple tests parallelly using pyTest making the testing much faster with the advantage in speed only getting bigger the more there are tests that are done