QA Engineer Test

Congratulations on getting to this stage and thank you for taking the time to solve the following exercise. To successfully complete the test please take into account all the requirements listed below. If you have time and wish to showcase your skills please complete the bonus requirements as well.

In your repository you should include:

- A text file describing the decisions you've taken in order to implement your solution
- The source code to solve the tasks
- A readme file with all the instructions that you think will be useful for us to test your solution.

Best of luck.

NOTE: Keep in mind that you should keep you repository private. You can use https://github.com to create an account with free private repos. Once you are done you can share your repo with hiring-novafutur (hiring@novafutur.com) on GitHub.

Technical Test

Please access the following sample application - https://computer-database.gatling.io/computers (This is a sample application from Gatling an open source load test framework)

1 - Create a series of manual test cases that cover the CRUD operation plus the edge cases. Make sure you give detailed instructions for each test case (pre conditions, steps, expected results). You can use any format you want.

2 - Write scripts that would automate the manual test cases that you see fit to be included in a regression test set. You can use any framework or programming language of your choice.

(Please keep in mind that you might need to explain your approach during the interview, so a clear solution using tools that you are used to is better than a complex solution that you won't be able to fully understand.)

Bonus

3 - Define the minimum number of test cases required for full statement, branch, and path coverage for the following code snippet:

```
Read X
Read Y
IF X > 0 THEN
    IF Y > 0 THEN
        Print "Positive"
    ENDIF
ENDIF
IF X < 0 THEN
    Print "Negative"
ENDIF
```