**Unit Testing**

We tested the backend of the application which includes 172 tests, using maven. The script to run the tests is below:

* #!/bin/bash
* cd spring-petclinic-rest
* sudo apt install maven -y
* mvn test

All of the tests were successful and the code was included in the Jenkins pipeline to run the tests automatically.

[A picture containing diagram

Description automatically generated](https://github.com/Jortuk/FinalProject/blob/readme/images/test_backend.PNG)

**Front End Testing**

Unfortunately after several attempts at automating the frontend testing via Jenkins it was found that doing so was not achievable in the given time frame for the project. In order to do so, Selenium scripts were required but this process would have required a large amount of learning towards the end of the project. This should be considered for future improvements.