

How did I proceed ?

- First I made a first draft of the application.
- In a second time I wrote documentation on the code base I had.
- Then I wrote Unit Test for the existing code.
- During the test phase, thanks to thoses test, I discover some bug and potential upgrade.
- After writing all the test, I made the improvement. Thanks to the existing unit test, i was sure that's all the correction and improvement doesn't break the application.

Comment : The case of a 30% prediction wasn't specified in the exercice, I decided to send the prediction to the caller if the prediction is 30%

What was the biggest challenge ?

- For me the biggest challenge of the project was to generate UUID and prediction with the `Application.properties`.
- It was a Spring feature that I doesn't known before. So I had to search on Internet and test the feature before implementing my solution.

Tools and libraries I used for resolve the problem :

- Spring Boot with the Web dependency : For the Spring framework
- JUnit 5 : For write the Unit Test
- Swagger : To auto-generate an API documentation
- IntelliJ : For coding the application
- Github : For versionning my code