Deliverable D05: Testing Report

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Group E8.02

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Github Repository: <https://github.com/JStockwell/Acme-One-E8.02>

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## Fecha: 01/06/2022

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# Executive Summary

We are a group of 6 java developers, one of us is also the project manager of the team. We all are studying 3rd year in a software engineering degree and we have experience in projects due to other subjects like AISS, DP1, PSG1, IISSI1 and IISSI2.

Our product is a web information system which uses java technology, an IDE like Eclipse and 2 programs to interact with databases like MariaDB and DBeaver.

Our procedure is using github to establish a common cloud and a control version using branches that will commit to the main code and kanban boards to organize the work. We also use Scrum methodology to organize ourselves as a team.

# Revision Table

| Revision | Description | Date |
| --- | --- | --- |
| v1.0 | Contents | 01/06/2022 |

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# Introduction

Ensuring all the functionalities of the code of a project is a fundamental process of developing a software system. It is as important as the code itself that every single piece of code is thoroughly tested by the time of making an important delivery to the client. It is also important in a group project that all the members of the development team know where miswritten code is failing, even if it’s not made by him/her.

While we were doing the subject, we had to do a lot of testing for the different features.

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Our plan was to test each one of the features we developed, and as we were all developers, we decided that each one would test the features they implement.

We have done positive and negative tests, and we have learned the importance of having lots of different test cases, to make sure they cover all the possibilities. We have also learned how to test some features when dates are involved, because if they are tested as normal ones, they will start failing after some days. Hacking test were also interesting, as they are meant to test extreme cases were people intentionally try to break the rules.

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# Conclusions

In conclusion,testing is a long process but is necessary in order to be sure that everything works properly.

Ensuring all the functionalities of the code of a project is a fundamental process of the development of a software system. It is as important as the code itself that every single piece of code is well tested by the time of making an important delivery to the client. And it’s also important in a team work that all the members of the development team know where a mistaken code is failing, even if it’s not made by him/her.