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# Introduction

## Document overview

This document is the software test report of the testing phase of the **Huffman Project** software development. It contains the results of tests, which were executed during the testing phase.

## Abbreviations and Glossary

### Glossary

**Mod1**: Algorithm modification number 1.

**Mod2**: Algorithm modification number 2.

## References

### Project References

| # | Document Identifier | Document Title |
| --- | --- | --- |
| [1] | Test Cases | TestCase.pdf |

# Overview of Tests Results

## Tests log

The **Huffman Project** software (version 1.0.5) was tested on a MacBook Pro early 2011 with Maverics OS test platform, from the 2013/01/01 to the 2013/01/07. The tests of the test phase where executed.

Testers where:

* Basile Cosimo,
* Marini Silvio,
* Moscioni Jacopo.

## Rationale for decision

After executing a test, the decision is defined according to the following rules:

* **OK:** When results are exactly what we want.
* **OK\_BUT\_TIME:** The same of OK, but we obtain the results after not reasonable time.
* **NOK:** When results are not what we want.

Tests results are listed in Project references #1.

## Overall assessment of tests

* Software is too low for acceptable use.

If we use a big file as input, then there is one relevant bug with Mod1 and Mod2 decompression.

In this conditions after decompression we obtain a file that, if opened in a text editor, seems the same of the input file, but actually it has 8 bytes more than the original file.

We do not know why, yet.

## Impact of test environment

At this point we do not think that PHP language was the best choice for develop this kind of application.