

Software Test Report of Huffman Project		
Doc #	Version: 01	Page 1 / 4

TABLE OF CONTENTS

1	Introduction	3
1.1	<i>Document overview</i>	3
1.2	<i>Abbreviations and Glossary</i>	3
1.2.1	Glossary	3
1.3	<i>References</i>	3
1.3.1	Project References	3
2	Overview of Tests Results	4
2.1	<i>Tests log</i>	4
2.2	<i>Rationale for decision</i>	4
2.3	<i>Overall assessment of tests</i>	4
2.4	<i>Impact of test environment</i>	4

Software Test Report of Huffman Project		
Doc #	Version: 01	Page 3 / 4

1 Introduction

1.1 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.

1.2 Abbreviations and Glossary

1.2.1 Glossary

Mod1: Algorithm modification number 1.

Mod2: Algorithm modification number 2.

1.3 References

1.3.1 Project References

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

Software Test Report of Huffman Project		
Doc #	Version: 01	Page 4 / 4

2 Overview of Tests Results

2.1 Tests log

The **Huffman Project** software (version 1.0.5) was tested on a MacBook Pro early 2011 with Mavericks 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.

2.2 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.

2.3 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.

2.4 Impact of test environment

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