



Project FINGERPAINT

ITP-0.0

## Integration Test Plan

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Eindhoven - June 3, 2013

### **Abstract**

This is the Software Validation and Verification Plan (SVVP) of the FINGERPAINT project, developed in the context of the Software Engineering Project (2IP35). This document contains the procedures for verification and validation and complies with the Software Engineering Standard as specified by the European Space Agency (ESA) [1].

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# Document Status Sheet

## Document Status Overview

### General

Document title: Integration Test Plan  
Identification: ITP-0.0  
Author: Femke Jansen  
Document status: Initial

### Document History

<i>Version</i>	<i>Date</i>	<i>Author</i>	<i>Reason of change</i>
0.0	3-Jun-2013	Femke Jansen	Initial version.

## Document Change Records Since Previous Issue

### General

Date: 7-Jun-2013  
Document title: Integration Test Plan  
Identification: ITP-0.0

### Changes

<i>Page</i>	<i>Paragraph</i>	<i>Reason to change</i>
-	-	Initial version.

# Chapter 1

## Introduction

This chapter lists general information about this document.

### 1.1 Purpose

The purpose of this particular section of the SVVP and its intended readership.

### 1.2 Overview

### 1.3 List of definitions and abbreviations

#### 1.3.1 Definitions

**Client** Prof.dr.ir. P.D. Anderson.

**Firefox** A web browser developed by Mozilla.

**Google Chrome** A web browser developed by Google.

**Internet Explorer** A web browser developed by Microsoft.

**iOS** A mobile operating system developed by Apple.

**iOS Safari** A web browser developed by Apple designed for devices running iOS.

**iPhone** A line of smartphones developed by Apple.

**iPad** A line of tablet computers developed by Apple.

**Opera** A web browser developed by Opera Software.

**Safari** A web browser developed by Apple.

**System administrator** A person who is employed to maintain and operate a computer system and/or network. After the SEP project has been completed, this person will be responsible for maintaining the FINGERPAINT application.

### 1.3.2 Abbreviations

2IP35	The Software Engineering Project
ADD	Architectural Design Document
CM	Configuration Manager
GUI	Graphical User Interface
SEP	Software Engineering Project
SR	Software Requirements
SRD	Software Requirements Document
TU/e	Eindhoven University of Technology
URD	User Requirements Document

## 1.4 List of references

- [1] ESA, *ESA Software Engineering Standards*. ESA, March 1995.

## Chapter 2

# Test plan

Some introduction text for this chapter

### 2.1 Test items

The items to be tested

### 2.2 Features to be tested

The features to be tested

### 2.3 Test deliverables

Items that must be delivered before testing starts and when testing ends

### 2.4 Testing tasks

To prepare and carry out the tests

### 2.5 Environmental needs

Properties required of the test environment

### 2.6 Test case pass/fail criteria

## Chapter 3

# Test case specifications

Some introduction text for this chapter

### 3.1 Name of the test case

#### 3.1.1 Test case identifier

A unique identifier

#### 3.1.2 Test items

The items to be tested

#### 3.1.3 Input specifications

Input for this test case

#### 3.1.4 Output specifications

Output required from this test case

#### 3.1.5 Environmental needs

The test environment



## Chapter 4

# Test procedures

Some introduction text for this chapter

### 4.1 Name of the test procedure

#### 4.1.1 Test procedure identifier

A unique identifier

#### 4.1.2 Purpose

The purpose of this test procedure and the test cases this procedure executes

#### 4.1.3 Procedure steps

How to log, set up, start, proceed, measure, shut down, restart, stop the test

## Chapter 5

# Test reports

Some introduction text for this chapter

### 5.1 Name of the test procedure

#### 5.1.1 Test procedure identifier

A unique identifier

#### 5.1.2 Description

The items tested

#### 5.1.3 Activity and event entries

Identification of the test procedure. When was the test performed, by who and who witnessed it. For each test case in the procedure: did the software pass or fail, what are the problems