

**I**ntegration **T**est **P**lan **D**ocument **(ITPD)**

Computer Science and Engineering (CSE)

Software Engineering 2 Project

Year 2015/16

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# Introduction

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## Revision History

We will keep the **revision history** of the **Integration Test Plan Document** (**ITPD**) in this chapter.

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| --- | --- | --- | --- |
| **Version** | **Date** | **Author(s)** | **Summary** |
| 1.0 | 21/01/2016 | Andrea Martino,  Francesco Marchesani | Document  Creation |

## Purpose and Scope

This **Integration Test Plan Document** (**ITPD**) contains information about the **test plan**, the **integration strategy** and **other required material** of *myTaxiService*.

This **document** is coherent with *the official template* of the project on the *Beep platform* (see *Assignment 4 – integration test plan.pdf*).

As we said for the **RASD** and the **DD**, it is important to underline that some parts of this document may evolve in the future (this may occurs for several causes).

Anyway, we will try to maintain coherence as much as possible.

Here is a resume of the steps of the project, with the related deadlines (in green documents already delivered, in yellow the current document):

The main scope of this **ITPD** (*Integration Test Plan Document*) is to give an overall guidance to the **testing phase** of the **project**, which is *myTaxiDriver* (**Software Engineering 2 project** of year 2015/16 - **Politecnico di Milano**).

* We described the main **goals** and **objectives** of the project in the previous *Requirements Analysis and Specification Document*.
* We also specified the **general architecture**, with the **components** of the system in the other previous document (*Design Document*).

## List of Definitions and Abbreviations

* **RASD**: *Requirements Analysis and Specification Document*
* **DD**: *Design Document*
* **ITPD**: *Integration Test Plan Document*
* **mTS**: *myTaxiService*
* **SE**: *Software Engineering*

**Other stuff of course**

**Note:** *for the full Glossary may be helpful to see also the paragraph 1.5 of the RASD 2.0 and paragraph 2.3 of DD.*

## List of Reference Documents

Here is a list of the **reference documents** for the *Integration Test Plan Document* of *myTaxiService*:

* **Project Description** (from *Beep*)
* **RASD 2.0** (hosted on *GitHub Repository*)
* **DD** (hosted on *GitHub Repository*)
* /\* Documentation of other tools used for testing \*/

# Integration Strategy

## Entry Criteria

## Elements to be Integrated

## Integration Testing Strategy

## Sequence of Component/Function Integration

### Software Integration Sequence

### Subsystem Integration Sequence

# Individual Steps and Text Description

# Tools and Test Equipment Required

# Program Stubs and Test Data Required

# Appendix

## Hours of work

* **Andrea Martino**: Hours
* **Francesco Marchesani**: Hours