Politecnico di Milano

PowerEnjoy Service - Integration Test Plan Document

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Version 1.1

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1 Introduction

1.1 Revision History

This section records all revisions to the Document.

Version	Date	Authors	Summary
1.1	15/01/16	Domenico Favaro, Caio Zuliani, Matheus Fim	Initial Release

1.2 Purpose and Scope

The Integration Test Plan Document (ITPD) serves to present the integration sequence and testing for all subsystems and components that conform PowerEnjoy Car Sharing Service.

1.3 Definitions and Abbreviations

- **RASD:** Reqirements And Specifications Document.
- **DD:** Design Document.
- **ITPD:** Integration Test Plan Document.
- **ETC..:**

For other concepts concerning the Service definition look in the **Glossary** section of the RASD and DD.

1.4 Reference Documents

- Specification Document: Assignments AA 2016-2017.pdf
- PowerEnjoy Requirements And Specifications Document (RASD)
- PowerEnjoy Design Document (DD)
- Example Document - Integration testing example document.pdf
- Testing Tools Documents:
  - Mockito
  - JMeter

2 Integration Criteria

2.1 Entry Criteria

Specify the criteria that must be met before integration testing of specific elements may begin (e.g., functions must have been unit tested).

2.2 Elements to be Integrated

Identify the components to be integrated, refer to your design document to identify such components in a way that is consistent with your design.

2.3 Integration Testing Strategy

Describe the integration testing approach (top-down, bottom-up, functional groupings, etc.) and the rationale for the choosing that approach.

2.4 Sequence of Component/Function Integration

2.4.1 Software Integration Sequence

For each subsystem, identify the sequence in which the software components will be integrated within the subsystem; relate this sequence to any product features that are being build up.

2.4.2 Subsystem Integration Sequence

Identify the order in which subsystems will be integrated.

7 Effort Spent

Date	Domenico	Caio	Matheus
27/12/16	2h	2h	2h
28/12/16	-	-	-
29/12/16	1h	-	-
30/12/16	2h	-	-
31/12/16	-	-	-
01/01/17	-	-	-
02/01/17	-	-	-
03/01/17	-	-	-
04/01/17	-	-	-
05/01/17	-	-	-
06/01/17	-	-	-
07/01/17	-	-	-
08/01/17	-	-	-
09/01/17	-	-	-
10/01/17	-	-	-
11/01/17	-	-	-
12/01/17	-	-	-
13/01/17	-	-	-
14/01/17	-	-	-

8 Changelog

As the project and design decisions may change during the development this document is also prone to change. We'll document every version in this part.

- **Version 1.1:** 15/01/2017