Project Plan Document

Version 1.0

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2/2/2016

Contents

1 Introduction

1.1 Purpose

The main purpose of this document is to analyze effort and cost for MyTaxiService. The analisys is performed using two different models:

- Function Points: to determine the size and the overall complexity of the project
- COCOMO II: to determine the effort and cost of the project

In the final part of the document are also included a Gantt diagram to visualize thepage general schedule of the project and a resource allocation diagram to show how the team members have been assigned to the variuos tasks.

1.2 Acronyms

- **RASD:** Requirements Analisys and Specification Document
- **DD:** Design Document
- **ITPD:** Integration Test Plan Document

1.3 References

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2 Function Point Analisys

2.1 Internal Logic Files

The system needs to store information about:

- Users: Simple
- Administrators: Simple
- Mtaxi drivers: Simple
- Ride Request: Medium
- Reservation Request: Medium
- Queue entity management: Hard

2.2 External Logic Files

The system needs to access data about:

- External Traffic information: Medium

2.3 External Input

The system needs to process the following input:

- Ride Request Input: Simple
- Ride Reservation Input: Simple
- Users Login/Logout: Simple
- User Registration: Simple
- Mtaxies drivers Registration: Medium
- Driver Notification: Medium

2.4 External Inquiry

- Users' Profile Visiualization: Simple
- Mtaxi driver Notification: Medium
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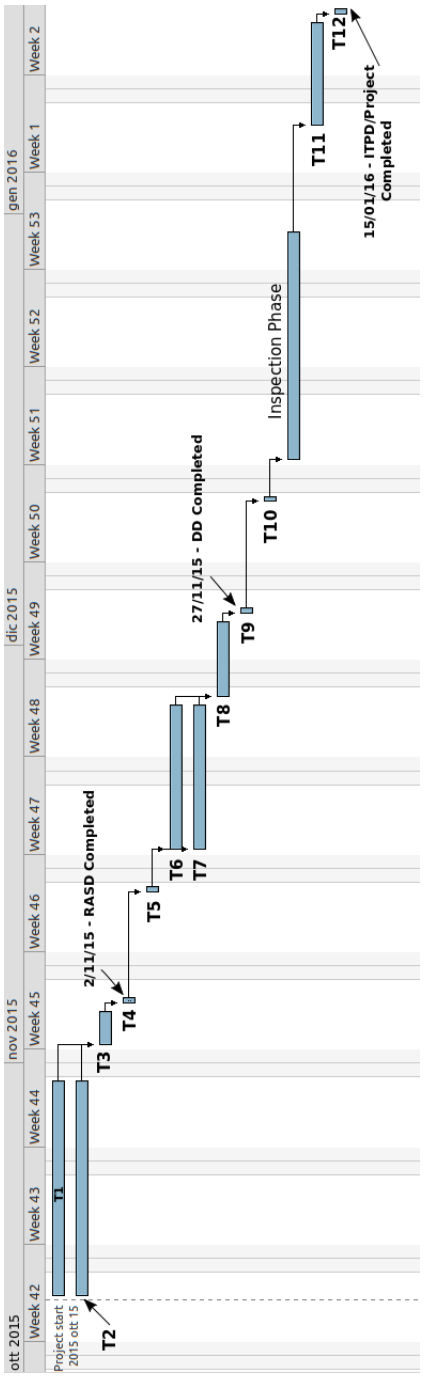
3 COCOMO II Analisys

4 Task Gantt Diagram

In this section is included a gantt diagram that represents the tasks in which the project is divided.



In the following paragraph is included an explanation of each task and of its duration in terms of work

- **T1:** Requirements Specification - Duration: 29h
- **T2:** RASD Diagrams Specification - Duration: 29h
- **T3:** Alloy Model Definition - Duration: 4h
- **T4:** RASD Revision - Duration: 2h
- **T5:** RASD Post-Presentation Revision - Duration: 2h
- **T6:** Architecture Specification - Duration: 18h
- **T7:** DD Diagrams Specification - Duration: 18h
- **T8:** Algorithms Definition - Duration: 2h
- **T9:** DD Revision - Duration: 2h
- **T10** DD Post-Presentation Revision - Duration: 2h
- **T11:** Integration Test Plan Definition - Duration: 8h
- **T12:** ITPD Revision: Duration: 1h