



Politecnico di Milano  
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Software Engineering 2: “myTaxiService”  
Project Plan

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## Contents

<b>1</b>	<b>Estimation</b>	<b>3</b>
1.1	Size estimation (Function points) . . . . .	3
1.2	Effort and cost estimation (COCOMO) . . . . .	3
<b>2</b>	<b>Tasks</b>	<b>3</b>
2.1	Tasks identification . . . . .	3
2.2	Schedule . . . . .	4
<b>3</b>	<b>Resources allocation</b>	<b>4</b>
<b>4</b>	<b>Project risks</b>	<b>5</b>

# 1 Estimation

## 1.1 Size estimation (Function points)

## 1.2 Effort and cost estimation (COCOMO)

# 2 Tasks

## 2.1 Tasks identification

The project has been divided up in four (five) parts, each one with its own deadline, so the tasks will be separated into this four main groups.

- T1: Requirement Analysis and Specification Document
  - T1.1: Identification of actors
  - T1.2: Functional requirements specification
  - T1.3: Scenarios description
  - T1.4: UML diagrams
    - \* T1.4.1: Use case diagrams
    - \* T1.4.2: Sequence diagrams
    - \* T1.4.3: Class diagrams
    - \* T1.4.4: State machine diagrams
  - T1.5: Consistency checking using Alloy
- T2: Design Document
  - T2.1: Selection of components to be integrated
  - T2.2: Architectural style and patterns choice
  - T2.3: Expected runtime execution of algorithms
  - T2.4: Algorithms design
  - T2.5: User interface mockups
  - T2.6: Verify satisfaction of RASD requirements
- T3: Code Inspection (?)
- T4: Test Plan
  - T4.1: Choice of integration strategy
  - T4.2: Integration test to be performed
- T5: Project Plan
  - T5.1: Size estimation
  - T5.2: Effort and cost estimation
  - T5.3: Tasks identification
  - T5.4: Tasks schedule
  - T5.5: Resources allocation

## 2.2 Schedule

Here there should be the activity bar graphs. (to be done)

## 3 Resources allocation

Here's how we allocated the resources to the various tasks. However, every task has been reviewed by both before the delivery.

- T.1: RASD
  - T.1.1: Both
  - T.1.2: Both
  - T.1.3: Massimo
  - T.1.4: Both
    - \* T.1.4.1: Both
    - \* T.1.4.2: Marco
    - \* T.1.4.3: Both
    - \* T.1.4.4: Marco
  - T.1.5: Massimo
- T.2: DD
  - T.2.1: Massimo
  - T.2.2: Massimo
  - T.2.3: Marco
  - T.2.4: Marco
  - T.2.5: Marco
  - T.2.6: Both
- T.3: CI
- T.4: TP
  - T.4.1: Massimo
  - T.4.2: Marco
- T.5: PP
  - T.5.1: Massimo
  - T.5.2: Massimo
  - T.5.3: Marco
  - T.5.4: Marco
  - T.5.5: Marco

## 4 Project risks