Politecnico di Milano

Scuola di Ingegneria Industriale e dell'Informazione

M.Sc. in Computer Science and Engineering

myTaxiService

Molto Fun, Poco Drama

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November 21, 2015

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1 Overview

myTaxiService is a taxi service that will operate in a big city; the main purpose is to simplify the access of passengers to the service and to guarantee a fair management of the taxi queues.

The main stakeholders of the system are the *Users*, the *Taxi Drivers* and the *Operators* as highlighted in *section 1.3* of the *RASD*.

The system is composed of four main core applications :

- Mobile Application (User)

- Web Application

- Mobile Application (Taxi Driver)

- Back-End Application

as stated in *section 1.2.* of the *RASD*

2 High Level Components

The system could be divide in three main high level components that not necessarily correspond only to one real application:

- User Client

- Taxi Driver Client

- Server

The **Server** component is the kernel of the service we want to provide, it incorporates most of the *business logic*, it stores most of the *data* and it provides programmatic interfaces to the clients.

The **User Client** components is an high level representation of the real clients available to the users of our service. It's modeled as a *thin client* and relies on the *Server* to fulfill its tasks.

The **Taxi Driver Client** component is an high level representation of the real clients available to the taxi drivers registered aaa