Requirements Analysis and Specification Document

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1 Introduction

1.1 Description of the given problem

Since TAXI services in big cities are generally hard to access to and even when they are not they are generally not organized on a big scale we plan to build a centralized coordinating app to solve the problem.

We propose a different approach to current TAXIes organizations which are mainly currently done with phone calls and just only one big queue that comprehends all TAXIes available for a city. This not only affect accessibility to the service but also increases pollution in urban areas.

Our solution plans to make use modern technologies (mainly smartphones) to solve both problems: the app for the clients will make easier to call for a TAXI or make a reservation for it, while the app for the TAXIes will organize the queueing in a more granular way in order to ensure coverage of city areas and reduce to a minimum the trip a car has to make to reach his client.

1.2 Goals

- Make easier for a TAXI to reach his client
- Make easier for a TAXI driver to check-in and notify his availability
- Make easier for the client to call for a TAXI
- Make possible for the client to place a reservation for a TAXI