

# 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

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