

Design Document

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Introduction

1.1 Purpose

In this document we aim to provide a description for the architecture and design of MyTaxiService. This document is targeted towards the future developers of the system.

1.2 Scope

The application will be developed using a client-server paradigm. The server-side application must recognize an user (either an unregistered guest, a passenger or a taxi driver), and accordingly signal the client the available actions. The server-side application must manage the city-wide taxi deployment, by the means explained in the RASD document¹ The client-side application must show a UI The application must implement a report system, in order to incentive a good behaviour of the users involved

1.3 Definition, Acronymus, Abbreviation

1.4 Reference Documents

1.5 Document Structure

¹see reference documents

Architectural Design

2.1 Overview

2.2 High level components and their interaction

2.3 Component view

2.3.1 Client

2.3.2 Server

2.4 Runtime view

2.5 Component interfaces

2.6 Selected architectural styles and patterns

2.7 Other design decisions

Algorithm Design

User Interface Design

Requirements Traceability

References