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Software Engineering project



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PREFACE

PURPOSE OF DOCUMENTATION

The purpose of this document is to help the existing and future developers of Pick Me Up, by providing useful information on how to navigate through and understand the function of the code and the file structure.

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INTRODUCTION

SCOPE

The purpose of the system is to help taxi drivers find their potential clients, as well as clients to get to their location faster without the hassle of rushing to find a cab. Thus, connecting taxi drivers and clients.

The system covers:

- Requesting a cab
- Accepting a request
- Dropping a request
- Adding a driver to the system
- Editing driver's information
- Removing a driver from the system

DEFINITIONS

Client: any person that wants to get from one location to another using the application.

Request: reference to service request.

Naming convention: the way/form of how variables/object are named.

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SYSTEM OVERVIEW

CODING STANDARDS

Comments must be added at the top of each function, to ease and help keep track of the purpose of each function. Each inner loop or check(if) must be indented, by doing so, it creates a clean and easy to follow structure.

PREREQUISITE TOOLS/PROGRAMS

Node JS (<https://nodejs.org/en/download/>)

Angular JS (<https://angular.io/guide/setup-local>)

NAMING CONVENTIONS

Variables and objects closely resemble their purpose or functionality. Example: a variable to be used to keep track of something could be called tracker.

It also uses lower camel case or dromedary case, for ease of naming variables and/or objects.

FILE STRUCTURE

Starting from the root of the folder, it contains several files, from read me files to folders, most of which were produced from the node and angular tools. The “src” contains the files that are used to display the data and information on the user’s screen. Under the “src” folder there’s the app folder which contains the html, css and ts files.

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Under the “app” folder are the files that contain the html files that are displayed to the administrators, clients and users of the Pick Me Up app. Each folder contains their respectful files, eg. drivers - contains the files to display the driver's information.

COMMENTS

Comments are placed on top of each section and function of the files. Comments are anchored between `<!-- →` for HTML FILES, `/**/` or `//` for Javascript files, CSS files and typescript files.

Technical Documentation

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REFERENCE

<https://clevertap.com/blog/technical-documentation/>

https://en.wikipedia.org/wiki/Software_documentation#Technical_documentation