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InfoTraffic Application Vision

Version 1.0

Revision History

Date	Version	Description	Author
19/Mar/18	1.0	Beginning document	Zavaczki Péter - Tibor

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1. Introduction

1.1 Purpose

The InfoTraffic Application allows its users to submit traffic alerts into a central database, from where himself and other users can read it and adapt their driving accordingly.

1.2 Scope

- Create an intuitive, simple and user friendly UI
- Create an efficient, extremely responsive client-server application
- Create a system that is able to communicate with many users without impacting its peformance.

1.3 Definitions, Acronyms, and Abbreviations

ITA – InfoTraffic Application

Further, more specific definitions can be found in the Glossary

1.4 References

For further information, please see the other documents regarding this project. These are the Glossary, the Supplementary Specification and the Use Case Model documents

1.5 Overview

The document further presents the description of how the application should be constructed.

2. Positioning

2.1 Problem Statement

The problem of	Lack of information about the road ahead
affects	Any person who drives in on a regular basis
the impact of which is	The creation of traffic congestion, due to drivers not knowing to avoid certain areas
a successful solution would be	An application which gives them real time updates of traffic by other drivers

2.2 Product Position Statement

For	For people who drive on a regular basis
Who	Would like to increase their safety while driving
The (product name)	InfoTraffic app
That	Gives their users the ability to see traffic incidents submitted by their fellow drivers in real time
Unlike	Google Maps or Waze
Our product	Has a simplistic, intuitive UI so that the driver is not as distracted from the road

3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
Development team	Designers, coders, testers of the system	Are responsible for designing, implementing and debugging the application.
The police	Monitors traffic and keeps it in check, would want to know if their radar stations have been discovered	No responsibility inside the project.
Emergency services	Are a core part of the participants to the traffic and have as direct necessity to reach their target	No responsibility inside the project.
A city's traffic managers	Need to adapt the road's elements to create a fluent traffic to avoid congestions in important parts of the city.	No responsibility inside the project.

3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Admin	Advanced-user	Can delete certain database entries which the standard users don't	Self
User	Main user	Use the app to get information about the status of the road and submit reports for this information database	Self

3.3 User Environment

The users of the application are drivers, who use the application on their mobile devices during driving.

4. Product Requirements

The ITA should be able to run on any device running Android OS and having an internet connection.

If the user's devices' hardware is outdated, the application might have some level of lag or not work at all.