Technical University of Cluj-Napoca

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 purpose of this document is to collect set the bases of the InfoTraffic Application,.

1.2 Scope

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.

1.3 Definitions, Acronyms, and Abbreviations

ITA – InfoTraffic Application

Java – the programming language used to develop the application

Login – the interface used by users to input their personal information and access the application's features

App - 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 docyments

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	Travelling by car is a large part of civilian traffic and being able to adapt to the situation, and for this they need to know the traffic data, provided by this app.
affects	Any person who drives in on a regular basis.
the impact of which is	Making them drive safer, thus avoiding traffic accidents
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	And 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
Unlike	Other similar application which give you data about the road
Our product	Gives you the option to create an account and drive safer based on the data provided

3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Software architect	Planner of the application's design	Is responsible for coming up with a solid but flexible design for the application
Project manager	Leader of the software development team	Is responsible for finding a solution to the given problem, coordinating the dev team and allocates their resources
UI designer	Designer of the interface	Is responsible to create a user friendly, easy to learn user interface
Software developers	Code writer for the system	Is responsible for developing a certain module for the application for its due date
QA Tester	Bug finder for the application	Is responsible for fully checking the application for any potential bugs, to be submitted to the devs to be fixed in the future version of the application

3.2 User Summary

Admin	Advanced-user	Can access and modify the database, and fully access the application	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 person using this application should drive on a regular basis, it does not matter if they drive alone or many people in a car, since the driver should interact with the application, also, sine the service should be always available, it does not matter how long they drive.

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.