InfoTraffic Application

Vision

Version 1.0

Revision History

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| --- | --- | --- | --- |
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# Introduction

## Purpose

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

## 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.

## 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

## 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

## Overview

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

# Positioning

## 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. |

## 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 |

# Stakeholder and User Descriptions

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| 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 |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| 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 |

## 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.

# 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.