# Software System Attributes

## Reliability

The system must guarantee a 24/7 service.

## Availability

The system requires a GPS service and internet connection in order to work properly. When the connection is down the system works with the last updated information available in the device memory.

## Security

The application must provide secure storage for all sensitive data inserted by the user. One way to achieve it is the use of cryptographical techniques.

## Maintainability

The application will be released in beta version, meaning that it may eventually have some bugs. The application will be periodically upgraded and each release will be focus on solving detected problems.

Periodically all information stored in the application must be backed up, in order to reduce the possibility of losing information in case of malfunctions.

## Portability

The application will be released only for Android smartphones (more specifically only for Android version 4.0.3 Ice Cream Sandwich or later).

Future plan is to lead the software also on iOS devices.