0.0.1 Requirements

R$_1$ At sign up, *User* must provide: First name, last name, email and password;

R$_2$ At sign up, *User* must accept *Terms and conditions*, including the *Privacy statement*;

R$_3$ Identify a *User* by his/her *User identifier*;

R$_4$ Receive *User picture*;

R$_5$ Receive *User* choice for the type of *Traffic violation*;

R$_6$ Receive *User position*;

R$_7$ Send *User picture* to the *License plate recognition service*;

R$_8$ Receive *Ricognized license plate* from the *License plate recognition service*.

R$_9$ Create *User report* (? attaching Timestamp and User identifier to User picture, Recognized license plate and type of Traffic violation).

R$_{10}$ Store User report in SafeStreets Database.

R$_{11}$ Send User report to Municipality.

R Allow Users to request all their User report and the related Ticket feedback stored in SafeStreets Database at any time.

R Send to a specific User his/her User report stored.

R Query SafeStreets Database for a User by his/her identifer.

R Retrieve specific User reports by querying SafeStreets Database.

R Not send User report to Municipality if Chain of custody is broken.

R Receive Municipality data access request.

R Validate Municipality data access request.

R Allow Municipality to set specific constraints to define Detailed statistics.

R Send Detailed statistics to the requesting Municipality.

R Receive User report access request from User.

R Validate User report access request from User.

R Allow User to set specific constraints to define a group of User reports.

R Properly anonimyze the group of User reports defined by the User, in order to generate Public statistics.

R Send Public statistics to the requesting User.

R Send Accidents Database access request to Municipality.

R Receive Accidents Database access confirmation from Municipality.

R Request Accidents data to Municipality.

R Receive Accidents data from Municipality.

R Generate Possible interventions crossing Municipality Accidents data with SafeStreets Database data.

R Send generated Possible interventions to Municipality.

R At sign up, Municipality must provide a Reference code.

R Identify Municipality by its Reference code.

R Receive Ticket feedback from Municipality.

R Store Ticket feedback in SafeStreets Database.

R ... (Third party)