

0.0.1 Satisfying Goals

- G₁ Collect *User report* in SafeStreets Database;
 - R₁ At sign up, *User* must provide: first name, last name, email and password;
 - R₂ At sign up, *User* must accept *Terms and conditions*, including the *Privacy statement*;
 - R₃ Identify a *User* by his/her *User identifier*;
 - R₄ Receive *User picture*;
 - R₅ Receive *User* choice for the type of *Traffic violation*;
 - R₆ Receive *User position*;
 - R₇ Send *User picture* to the *License plate recognition service*;
 - R₈ Receive *Recognized license plate* from the *License plate recognition service*;
 - R₉ Create *User report*;
- R₁₀ Store *User report* in SafeStreets Database;
 - D₁ Data inserted by the *User* at sign up corresponds to their real data;
 - D₂ *User position* collected at a certain instant corresponds to the actual position of the *User* at that exact moment;
 - D₃ The maps in use accurately represent the world;
 - D₄ *Users* own a working smartphone which has access to Internet connection;
 - D₅ *Users* own a working smartphone which has a working GPS antenna;
 - D₆ SafeStreets and *License plate recognition service* is always online;
 - D₇ *License plate recognition service* always provides a text representing a correct recognition of the license plate in the *User picture*;
 - D₉ *User pictures* correspond to real violation;
- G₂ Send *User report* to *Municipality* as soon as it is generated;
 - R₁₁ Send *User report* to *Municipality*;
 - R₁₅ Guarantees that the data which constitutes the *User report* are not corrupted;
 - R₃₁ At sign up, *Municipality* must provide a *Reference code*;
 - R₃₂ Identify *Municipality* by its *Reference code*;
- D₆ SafeStreets and *License plate recognition service* are always online;
- G₃ Send *User picture* to the *License plate recognition service* as soon as it is received;

- R₄ Receive *User picture*;
- R₇ Send *User picture* to the *License plate recognition service*;
- D₆ SafeStreets and *License plate recognition service* are always online;
- G₄ Allow *Municipality* to visualize *Detailed statistics*;
 - R₁₀ Store *User report* in SafeStreets Database;
 - R₁₃ Query SafeStreets Database for a *User* by his/her *User identifier*;
 - R₁₆ Receive *Municipality* data access request;
 - R₁₇ Validate *Municipality* data access request.
 - R₁₈ Allow *Municipality* to set specific constraints to define *Detailed statistics*;
 - R₁₉ Send *Detailed statistics* to the requesting *Municipality*;
 - R₃₁ At sign up, *Municipality* must provide a *Reference code*;
 - R₃₂ Identify *Municipality* by its *Reference code*;
- G₅ Allow *Users* to visualize *Public statistics*;
 - R₁₀ Store *User report* in SafeStreets Database;
 - R₁₃ Query SafeStreets Database for a *User* by his/her *User identifier*;
 - R₂₃ Allow *User* to choose among filters which define *Public statistics*;
 - R₂₄ Send *Public statistics* to the requesting *User*;
- G₆ Suggest *Possible interventions* to *Municipality*;
 - R₁₀ Store *User report* in SafeStreets Database;
 - R₁₃ Query SafeStreets Database for a *User* by his/her *User identifier*;
 - R₂₅ Send *Accidents* Database access request to *Municipality*;
 - R₂₆ Receive *Accidents* Database access confirmation from *Municipality*;
 - R₂₇ Request *Accidents* data to *Municipality*;
 - R₂₈ Receive *Accidents* data from *Municipality*;
 - R₂₉ Generate *Possible interventions* crossing *Municipality Accidents* data with SafeStreets Database data.
 - R₃₀ Send generated *Possible interventions* to *Municipality*;
 - R₃₁ At sign up, *Municipality* must provide a *Reference code*;
 - R₃₂ Identify *Municipality* by its *Reference code*;
- D₈ *Municipality* grants access to its own *Accidents* Database;
- G₇ Collect information about *Ticket feedback*;

- R₁₂ Store *Ticket feedback* in SafeStreets Database;
- R₃₁ At sign up, *Municipality* must provide a *Reference code*;
- R₃₂ Identify *Municipality* by its *Reference code*;
- R₃₃ Receive *Ticket feedback* from *Municipality*;
- G₈ Allow *Users* to visualize their contribution to SafeStreets;
 - R₁ At sign up, *User* must provide: First name, last name, email and password;
 - R₂ At sign up, *User* must accept *Terms and conditions*, including the *Privacy statement*;
 - R₃ Identify a *User* by his/her *User identifier*;
 - R₁₀ Store *User report* in SafeStreets Database;
 - R₁₂ Store *Ticket feedback* in SafeStreets Database;
 - R₂₀ Allow *Users* to request all their *User report* and the related *Ticket feedback* stored in SafeStreets Database at any time;
 - R₂₁ Send to a specific *User* his/her *User report* stored;
 - R₂₂ Send to a specific *User* the *Ticket feedback* related to his/her *User report*;
 - R₃₃ Receive *Ticket feedback* from *Municipality*.