

0.1 Assumptions, Dependencies and Constraints

0.1.1 Domain Assumptions

- 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 are) is always online.
- D₇ *License plate recognition service* always provides a correct evaluation (translation?) of the *User picture*, generating a text representing the *Recognized license plate*.
- D₈ . Municipality grants access to its own *Accidents* Database.