Goals

* Registration of a person
* Schedule a new meeting (and sending eventual warnings)
* Manage travel time for appointments
* Identify best mobility option
* Let user insert various kind of preferences (also breaks)
* Allow the purchase of various tickets and day/week/season pass
* Locate car/bike sharing spots and means of transport stops or stations

Domain properties and assumptions

* There are not users with privileges. Every registered user can access to the same features of the other ones. The system is safe even without supervisors.
* Users must be subscripted to a car sharing service if they want to use it.
* ~~While scheduling an appointment the user will receive eventual warnings concerning traffic, weather, carbon footprint,~~ …
* The app will always be updated on traffic status, eventual incidents and weather conditions.
* It’s always possible to delete or reschedule appointments or travel reservation if it doesn’t affect other arrangements and other companies policies.
* Warnings and reminders are sent via popup notifications.
* We assume that we’ve agreements with the companies that provides travel tickets, that permit us to let the user buy his ticket directly on the Travlendar+ app.
* Some apps can be integrated. For instance Travlendar+ supports payments with PayPal

Constrains

* Two meetings cannot be at the same time or overlapped in some ways.
* A user cannot use two means of transport at the same time.