Reservation

The user compiles the reservation form, filling in every necessary information, and right after that he requests his position to the localization service. With all these data, a reservation is created.

This reservation is inserted in the database, and if the procedure ends correctly, it will ask the notification center to send a message to the user with the result of the operation.

After that, ten minutes before the reservation time, the system activates the request procedure, generating a request with the reservation data. The request will be inserted in the database and managed as a standard request.

Taxi gives Availability

A taxi driver ready to work announces his availability using the dedicated button. This triggers a request to the localization system that sends him his position. The taxi data and the position are then sent to the queue web server with an insertion request. The server then inserts the taxi in the last position of the right queue. Every queue manager is in charge to save the taxi data and position in the queue in the database; the taxi driver is now ready to be called when his turn comes.