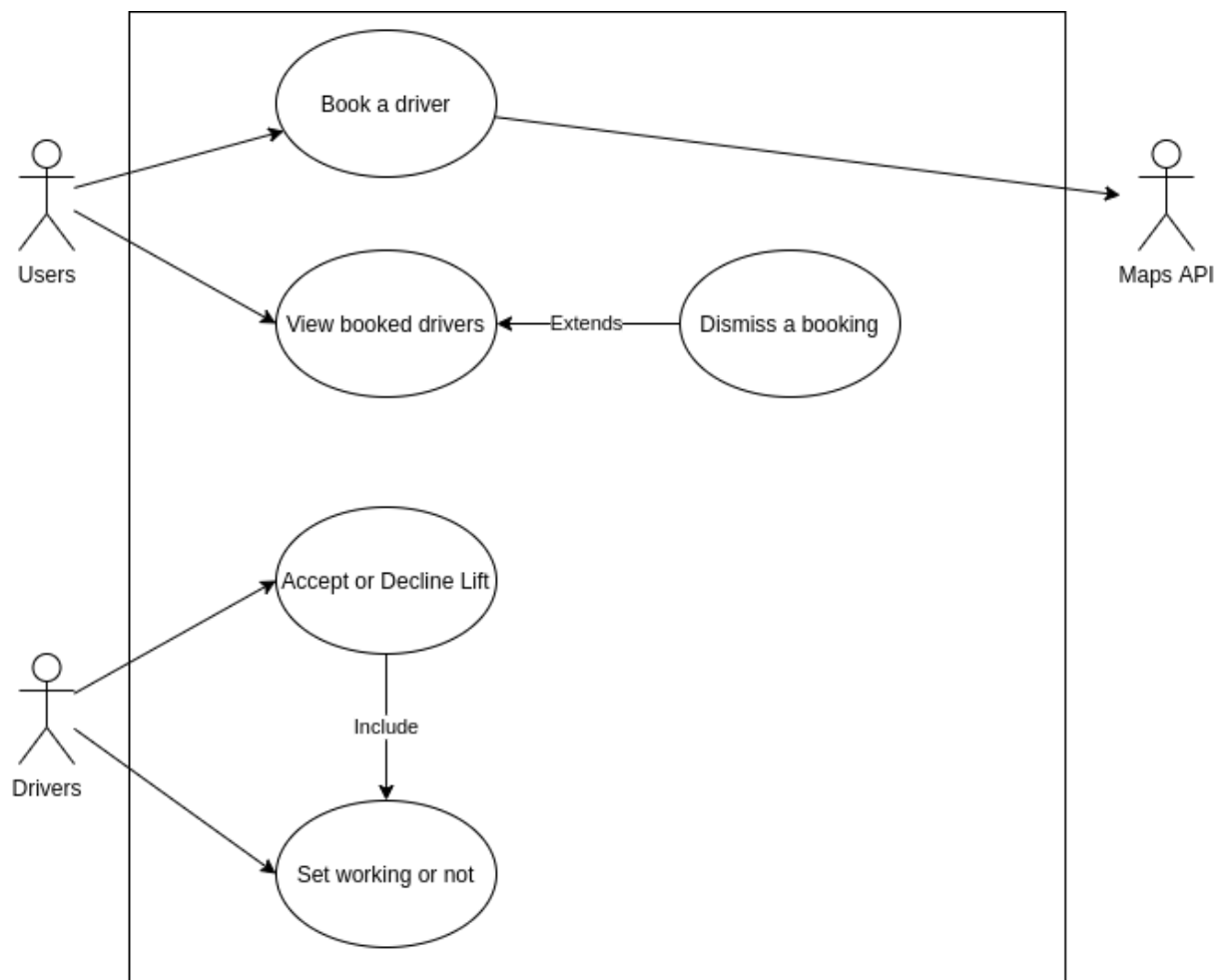


Giuseppe Marseglia - 0252379 -
17/09/20

Functional requirements:

1. The system shall send the users' lift offers to all working and non booked drivers within 20km by them.
2. The system shall allow the drivers to accept or decline the lift offers from the users.
3. The system shall allow the drivers to set their state: not working, working.

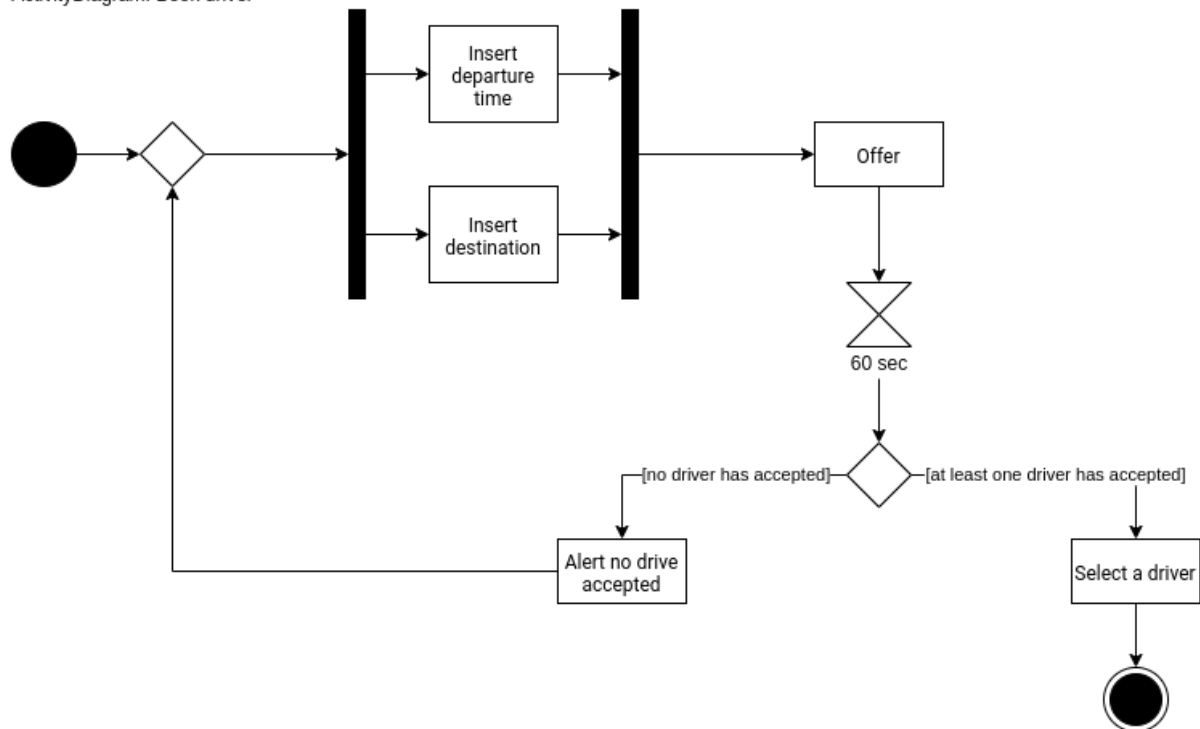
Use cases diagram:



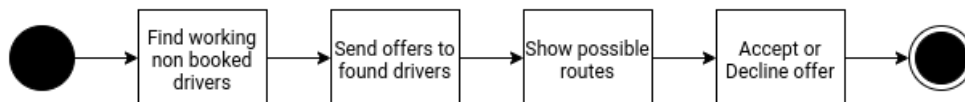
booked drivers: current booked driver which can be dismissed and old booked driver

Activity diagram:

ActivityDiagram: Book driver



Offer



Show possible routes: toward the driver receiving the offer

Accept or Decline offer: done by the driver receiving the offer

Difetto regressivo preventivo:

The current API that handles the position of drivers and users is changed for a new, more powerful one. This is done because of the possible increment of the number of drivers and users.

Part of the code that used specific parameters of the old API does not work anymore.