

```
function SHAREDREQUEST(passenger)
  shared  $\leftarrow$  findSharedRideAvailable(fromZone, toZone, timeout)
  if exists shared then
    shared.addReservation()
  else
    taxi  $\leftarrow$  getAvailableTaxi(fromZone)
    if exists taxi then
      create new shared ride
    else
      error message
    end if
  end if
end function
```