**Components & variables:**

**Bus:**

* bool isStopPressed
* counter amountOfPeople
* counter km
* Sys maintanance
* (type?) line
* currCoordinate
* Sys (bool) stopAtNextStation
* freeSeats  
  (if freeSeats > currStation.waitingPeople 🡪 unstoppedStations)
* counter unstoppedStations  
  (if unstoppedStations =2:  
  unstoppedStations = 0;  
  isAnotheBussNeeded(line))

**Line:**

* route to every line:  
  a\_rout = [a1, a2, a3, a4]
* isAnotheBussNeeded

**Station:**

* waitingPeople