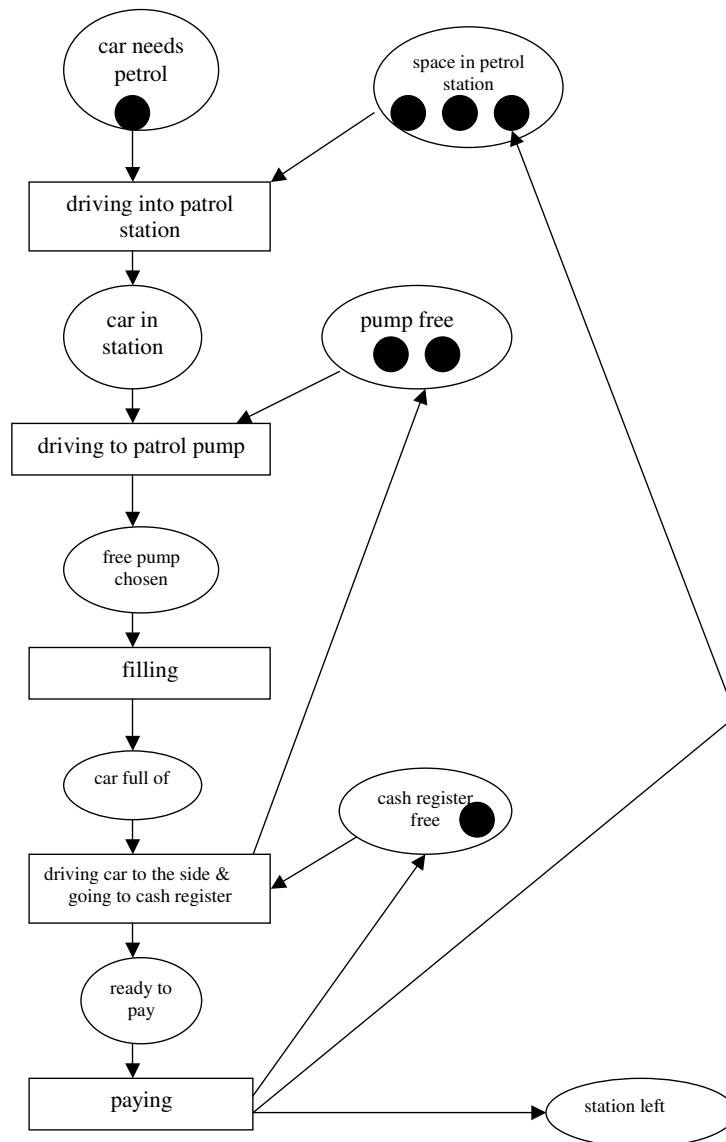## Overview
Simulation of a patrol station
Petri Net

User's view


```
driver 2: ends pumping
driver 2: waiting for free cash register
driver 5: petrol is low ==> driving to petrol station
driver 5: waiting for space in petrol station
cash register: end cashing
driver 1: finished cash counter
driver 2: going to cash counter
cash register: start cashing
driver 1: leaving patrol station
driver 4: driving in patrol station
driver 4: waiting for free pump
driver 4: got free pump with name: no 2
driver 4: starts pumping
petrol pump no 2 starts filling
driver 6: petrol is low ==> driving to petrol station
driver 6: waiting for space in petrol station
petrol pump no 1 ends filling
```

To do

- implementation of simulation
  - generate a variable number of car drivers with petrol problems
  - the time between arriving car drivers is also variable
- appropriate output to console, that is
- transparency,
- every step / status is printed (example see user's view)