People

- o Citizen – Equal Prob to become Patient
- o Patient – Assigned Priority based on
- o Nurse – Can take Priority 1-10 (1-10 minutes)
- o Doctor – Can take Priority 1-20 (1-20 minutes)

Hospital

- o Record of Patients
  - * Name
  - * # of visits to ER
  - * Severity of Illness

Illness Generator

Vector 1-20

Range	%
1 → 10	70%
11 → 15	20%
16 → 20	10%

Que
< Illness Rank
Name >

Need Bool
- Nurse Busy
- Doc Busy

TreatPatient()
{
  Time Rand
}