|  |
| --- |
| EmergencyRoom |
| totalTreatment  numberOfPatients  maximumTime  waitTime  arrivalTime  dischargeTime  HospitalRecords  Clock |
| Set\_Arrival\_rate  Update(int clock) : void  Double getAVG()  Setcg(int numDoctors, numNurses)  updateNew(int clock):void |

|  |
| --- |
| Caregivers |
| noPatient  isnotfreewhen  servePatient |
| Abaliblity  recent |

HAS A 

IS A

|  |
| --- |
| Treatment |
| Totaltreatment  Clock  servingPatients  IfpatientsArrive  fNames.txt  lNames.txt  firstName  lastName  levelOfIlness  sick\_prob  names  cqueue |
| Treatment()  patientsList()  update(int clock)  menu() |

|  |
| --- |
| Hospital |
| vnumber  patIllness |

|  |
| --- |
| Patient |
| Name  levelOfIllness |
| Operator > |

|  |
| --- |
| Doctor |
| docWaitTime |

|  |
| --- |
| Nurse |
| NurWaitTime |