

| Patient   |  |
|---|--|
| Personal Data (Name, Birthdate, Health Card Number) |  |
| Arrival Time to Hospital                            |  |
| Symptoms  |  |
| Vital Signs   |  |
| Urgency Level                                       |  |
| Seen by doctor (yes or no)                          |  |
| History of Vital Signs                              |  |
| History of Symptoms                                 |  |
| History of Urgency Level                            |  |
| History of dates and times of Meetings with Doctors |  |

| Nurse  |                         |
|--|-------------------------|
| Log in   | Patient                 |
| Record patient's personal data (name, birthdate, health card number) | Emergency Room          |
| Record arrival time to hospital                                      | Emergency Room Database |
| Record and update patient's vital signs                              |                         |
| Record and update patient's symptoms                                 |                         |
| Write whether or not patient has been seen by doctor                 |                         |
| Record and update date and time of meeting with doctor               |                         |
| Save all collected data  |                         |

|         |  |
|---------|--|
| Log Out |  |
|---------|--|

|  |                         |
|--|-------------------------|
| Emergency Room   |                         |
| Patients in emergency room   | Patient                 |
| Create New Patient   | Emergency Room Database |
| Record and update urgency level on patient based on hospital policy    |                         |
| Show patient's record using health card number                         |                         |
| Show list of patients not seen by doctor ordered by decreasing urgency |                         |
| Show list of patients not seen by doctor ordered by arrival time       |                         |
| Send patient to Emergency Room Database                                |                         |
| Add patient from Emergency Room Database                               |                         |

|   |                |
|---|----------------|
| Emergency Room Database<br>Subclass of Emergency Room |                |
| Patients in Emergency Room Database                   | Emergency Room |
| Send patient to emergency room                        |                |
| Add patient from Emergency Room                       |                |
| Show patient's record using health card number        |                |

