

| abstract<br>Users   |              |
|---|--------------|
| Search patient by health card num.<br>Access a list of patients ordered by urgency<br>Access a list of patients ordered by arrival time | Patient Data |

| Data  |         |
|---|---------|
| A collection of patients<br>Load saved data<br>Save all collected data<br>Search patient by card num.<br>Arrange patients by urgent level<br>Arrange patients by arrival time | Patient |

| Nurse<br>Users   |              |
|--|--------------|
| Add a patient<br>Update vital signs<br>Update symptoms<br>Update date and time after a patient seen by doctor<br>Search patient by health card num.<br>Access a list of patients ordered by urgency<br>Access a list of patients ordered by arrival time | Patient Data |

| Patient  |                        |
|--|------------------------|
| Name<br>Birthdate<br>Health card number<br>Arrival time<br>Date and time seen by doctor<br>A collection of Symptoms<br>A collection of VitalSigns<br>Calculate urgency level | VitalSigns<br>Symptoms |

| Symptoms   |  |
|--|--|
| Symptoms<br>Time of Record<br>Record symptoms<br>Update symptoms |  |

| VitalSigns   |  |
|--|--|
| Systolic<br>Diastolic<br>Temperature<br>Heart rate<br>Time of record<br>Record vital signs<br>Update vital signs |  |