# Use cases in Details:

**Use case:** **hospital**

**ID: 0**1

**Priority:** High

**Actor:** receptionist staff, pharmacist, the accountant, the nurse, doctor, Patient.

**Description:**

Hospital system for patient reservations

**Trigger:**

The patient goes to the reception and start booking by the system operated by the receptionist

**Type:** internal

**Pre-condition:**

**Normal case:**

1. The patient is booked according to his request at the reception

1.1 Either he is booked for tests in the hospital with the help of the nurse

1.2 Or booked for an operation with the intervention of a doctor and nurse

1.3 Or to book an examination at the doctor

2.Disbursing the medical and medication list to the accountant and pharmacist

**Post condition:**

Registered reservation

**Alternative course:**

**Use case:** **dispensing medicines**

**ID: 0**2

**Priority:** High

**Actor:** pharmacist, Patient.

**Description:**

Hospital system for patient dispensing medicines

**Trigger:**

The patient goes to the hospital pharmacy to buy medicines, or the hospital provides the medicine during his stay in the hospital

**Type:** internal

**Pre-condition:**

He has a prescription for medicine

**Normal case:**

1. The patient goes to the pharmacy or the nurse to the pharmacy with the prescription for the medicine.

2. The pharmacist looks for the medicine and gives the patient the amount he wants.

3. Edits in store data.

4. Pay for the medication and print the bill.

**Post condition:**

Completion of the drug sale process

**Alternative course:**

In the event that the drug is not available, a request will be sent to reserve an order to provide the drug

**Use case:** **Pay the patient's costs**

**ID: 0**3

**Priority:** middle

**Actor:** the accountant, Patient

**Description:**

Pay the fees for surgery and hospital stay

**Trigger:**

The patient goes to the accountant

**Type:** internal

**Pre-condition:**

He has the patient do his surgery

**Normal case:**

The patient goes to the accountant and pays the accommodation and surgery dues, and a receipt is printed

**Post condition:**

**Alternative course:**

**Use case:** **pay salaries**

**ID: 0**4

**Priority:** middle

**Actor:** receptionist staff, pharmacist, the accountant, the nurse, doctor

**Description:**

pay salaries

**Trigger:**

The staff goes to the accountant to collect salaries

**Type:** internal

**Pre-condition:**

**Normal case:**

**The staff goes to the accountant, enters their data, receives the salary, and a receipt is printed for receiving the salary**

**Post condition:**

**Alternative course:**

**Use case:** **sales account**

**ID: 0**5

**Priority:** middle

**Actor:** the accountant

**Description:**

The accountant will calculate the sales in each department

**Trigger:**

**Type:** internal

**Pre-condition:**

**Normal case:**

**1- The accountant calculates the sales in each department in the hospital**

**2- Calculates drug sales**

**3- Calculates sales of tools or equipment**

**4- It stores and prints a report**

**Post condition:**

**Alternative course:**

**Use case:** **Ordering goods from suppliers**

**ID: 0**6

**Priority:** High

**Actor:** Manager , suppliers

**Description:**

Upon a request for a product, whether a drug, device, or tools, the manager will be asked for products from a supplier who provides these products

**Trigger:**

**Type:** External

**Pre-condition:**

**Normal case:**

1 - The manager is looking for a suitable supplier

2 - contract with them

3 - Specifies the amount, quantity and type of product

4- Storing them in the hospital and setting the selling price

**Post condition:**

**Alternative course:**