

**Project: ELCT :: Care2x**

**Typ (E, C, N)<sup>1</sup>: C**

**Reference Number: 27**

### **Pharmacy (outpatient drug prescription)**

**Short Description:** There should be some customaries of the pharmacy module

#### ***The outpatient's way if he want to get a drug:***

- The outpatient goes
  1. to the doctor (to get the prescription)
  2. to the accounting office (to pay for the drug)
  3. to the pharmacist (to get the drug)

#### ***Prescription process flow chart for the doctor:***

- The doctor admits a patient from the waiting list. At the admission data he can prescribe drugs.
- He is clicking now to prescriptions and he get a css formatted table with all available drugs. He is selecting the drugs he wants to prescribe for the patient.
- After that he is getting a small list of exactly these drugs. Now he can enter the doze and a notice of each drug (e.g. ,Use this 2x3').
- The billing module can later evaluate the total costs by the price of each drug (given by the database) and the amount of it.
- The next way for the patient is to go to the accounting office.

#### ***Prescription process flow chart for the accounting office:***

- The patient is coming to the accounting office and the accounting manager can see the total price of prescriptions.
- The patient pays now the bill
  - The accounting manager can sign up by clicking on a prepared field that this patient has already paid for the drugs.

#### ***Prescription process flow chart for the pharmacist:***

- There is patient coming and the pharmacists and the pharmacists can see the list of drugs of this patient.
- If this drug is paid, the pharmacists can hand out the drugs
- If the drug is not at the stock.
  - The pharmacists or the patient (or booth) have to consult the doctor again.
  - The doctor has to customize the prescriptions according what is on the stock. The paid bill must be recalculated:

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<sup>1</sup> C=Change; E=Error; N=New

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- There must be now displayed the differences between the amount of shillings what the patient still have paid and the total amount after the prescription modifications!
- Note: Also the pharmacist is able to write prescriptions!

**Implementation Remarks:**

***Internal Process flow chart:***

If the patient goes to the doctor, then

- The doctor prescribes a drug to this patient.
- Existing datasets:
  - In the table of 'prescriptions'
    - PrescriptionID
    - drugID
    - patientID
    - billID
  - In the billing table the:
    - billID (unique and auto increment)
    - patientID,
    - drugID,
    - amount,
    - cost of each item
- If there is one or more drug items not at the pharmacy available, then
  - The doctor makes a new prescription
  - there

**Will be realized by: MEROTECH**

**Estimated Realization: 4 days**

**Needed till: 1st of February**

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