**Use Case Scenario**

**careConnect**

| **USE CASE NAME:** | Make an electronic medical record | | **USE CASE TYPE Business Requirements:** |
| --- | --- | --- | --- |
| **USE CASE ID:** | 03 | |
| **PRIORITY:** | High | |
|  | | |
| **PRIMARY BUSINESS ACTOR:** | doctors | | |
| **OTHER PARTICIPATING ACTORS:** | patients | | |
| **OTHER INTERESTED STAKEHOLDERS:** | Administrators | | |
| **SHORT DESCRIPTION:** | Making electronic medical records is one of the main user scenarios of our system since our system want to provide an interface for patients to meet with doctors and have their records stored in the system and use prescriptions to purchase medicine. | | |
| **PRE-CONDITION:** | In order to make electronic medical records, in most cases, we need patients to schedule online appointments with doctors, so doctors can have the records for the appointments. | | |
| **TRIGGER:** | During and after the appointments, doctors can make some medical records and prescriptions. | | |
| **TYPICAL COURSE** | **Actor Action** | **System Response** | |
| **OF EVENTS:** | **Step 1**: | **Step 2**: | |
|  | The doctor starts creating a file for the appointment | System responds with a form for the doctor to confirm/edit the information of the patient and appointment. | |
|  | The doctor can edit if some information is wrong or missing, and click confirm. | The system responds with a message about the successful creation of a medical record. Then, the file would be opened. | |
|  | A doctor can edit the file during and after the appointment. | The system would update the file. | |
|  | The doctor makes a prescription. | The system would create a file attached to the medical record, and send a notification to the patient. | |
|  | After the meeting, the doctor finalizes the medical records. | The system would send notifications to patients, and they can view the record. | |
| **CONCLUSION:** | During an online appointment, doctors can confirm detailed information regarding the patients and the appointments, create a record file, edit the electronic medical records for the patients and make prescriptions, so that patients can purchase medicine. | | |
| **POST-CONDITION:** | Patients can view the medical record file after the appointment is finished and doctors finalize the record file. | | |
| **BUSINESS RULES:** | The privacy of patients is very important, so the medical record file is only visible to patients, doctors, and certain administrators. | | |
| **IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:** | For now, doctors can make electronic medical records only for online consultations. | | |
| **ASSUMPTIONS:** | Both patients and doctors have access to the Internet and know how to use computers or phones to view and edit electronic medical records. | | |
| **OPEN ISSUES:** | This system might be not friendly to the patients who are not familiar with using electronic devices. | | |