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| Use Case Name: Writing a medical advice | | | ID: UC1 | | Priority: High |
| Actor: Doctor | | | | | |
| Description: The doctor wants to help site visitors by writing medical advice or prevention methods that the patient can benefit from. | | | | | |
| Trigger: Doctor wants to add medical advice. | | | | | |
| Type: **External** Temporal | | | | | |
| Preconditions:   1. The doctor must be logged in the site as a doctor. | | | | | |
| Normal Course:   1. Adding new medical advice to the system    1. The Doctor clicks on button ‘Post a tip’    2. The system show the tip form (tip’s address, tip) then type data in the form    3. The doctor click on button ‘Post’. | | | | Information for step  Post a tip  Tip’s data  Tip’s request confirmation | |
| Post Conditions:   * 1. The system save the data on the datastore.   2. The system will allow to display advice to site visitors (patients)   3. The system show a success message and back to the home page. | | | | | |
| Exceptions:  E1: Tip’s form fields is blank (occurs at step 3).  1. The system displays message “This field can’t be blank”.  2. The system allow the doctor to fill the fields. | | | | | |
| Summary Inputs | Source | Outputs | | Destinations | |
| Post tip  Tip’s data | Doctor  Doctor | Tip’s request confirmation | | System datastore | |

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| Use Case Name: Add a doctor | | | ID: UC2 | | Priority: High |
| Actor: Doctor | | | | | |
| Description: The doctor visiting the site wants to register to be a specialist doctor to provide services to users of the site. | | | | | |
| Trigger: Doctor wants to add himself and be logged in as a doctor. | | | | | |
| Type: **External** Temporal | | | | | |
| Preconditions:   1. User must be connected to the internet. | | | | | |
| Normal Course:   1. Adding new Doctor to the system    1. The Doctor clicks on button ‘Discover’    2. the system shows a set of options    3. The Doctor clicks button ‘Doctors Registration’ then type his data in the form then click ‘Sign up’.    4. The system make sure that the data is correct and does not exist in the database. | | | | Information for step  Doctor’s request  List of options  Doctor’s registration  Doctor’s request confirmation | |
| Post Conditions:   * 1. The system save the data of that doctor on the database.   2. The system send him an email attached with his data and ask the doctor to send a medical certificate to practice the profession, location and work hours in detail to confirm the registration.   3. The system show a success message and back to the home page. | | | | | |
| Exceptions:  E1: Doctor’s email is already be used (occurs at step 4).  1. The system displays message “This email has already been used”.  2. The system allow the doctor to write another email.  E2: : Doctor’s phone number is already be used (occurs at step 4).  1. The system displays message “This phone number has already been used”.  2. The system allow the doctor to write another number. | | | | | |
| Summary Inputs | Source | Outputs | | Destinations | |
| Doctor’s request  Doctor’s registration (doctor’s data) | Doctor  Doctor | List of options  Doctor’s request confirmation | | System datastore  System datastore | |

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| Use Case Name: Fill patient’s history form | | | ID: UC3 | | Priority: High |
| Actor: Patient | | | | | |
| Description: Before the patient makes an appointment with the doctor, the patient is required to fill out a form to identify the patient’s previous health condition and patient history to facilitate proper diagnosis.  . | | | | | |
| Trigger: Patient wants to fill form of the patient’s history. | | | | | |
| Type: **External** Temporal | | | | | |
| Preconditions:   1. Patient must be logged in the site. | | | | | |
| Normal Course:   1. Fill out patient’s form    1. The Patient clicks on button ‘My account’    2. The Patient chooses ‘Profile personly’    3. The patient chooses button ‘medical record’    4. The system show the history form (Chronic diseases, family history of patients, current medications, .......)    5. The patient fill the data in the form    6. The doctor click on button ‘Save data’. | | | | Information for step  List of options  Patient’s profile  Patient’s request  Patient’s form  Patient’s data  Patient’s request confirmation | |
| Post Conditions:   * 1. The system save the data of that patient on the database.   2. This form will be sent to any doctor who will be booked by this patient.   3. The system show a success message and back to the home page. | | | | | |
| Exceptions:  E1: any form field is blank (occurs at step 4)  1. The system displays message “This field cant’ be blank”.  2. The system allow the doctor to fill the blank field. | | | | | |
| Summary Inputs | Source | Outputs | | Destinations | |
| Patient’s request  Fill history form (patient’s history) | Patient  Patient | List of options  Patient’s request confirmation | | System datastore  System datastore | |