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| Use Case Name: register a patient | | | ID: UC1 | | Priority: High |
| Actor: patient | | | | | |
| Description: patient wants to register on the system to communicate with doctors and search for a medicine. | | | | | |
| Trigger: a new patient wants to register on the system. | | | | | |
| Type: **External** Temporal | | | | | |
| Preconditions:   1. The patient is logged into the system. | | | | | |
| Normal Course:   1. Adding new patient to the system.    1. The patient clicks on button “ register”.    2. The system show to options " sign in” or “signup”    3. The patient click on button ‘sign up’.    4. The system show the register form (patient name,….)    5. The patient type data in the form.    6. The patient click on button ‘add’.    7. The system make sure that the data is correct and does not exists in the database. | | | | Information for step  Registration request  Options  Sign up request  patient form  patient data  add request  patient’s request confirmation | |
| Post Conditions:  1.The system save the data in system database.  2.The patient will be registered in the hospital.  3.The system show a success message and back to the home page. | | | | | |
| Exceptions:  E1: register form fields is blank (occurs at step 3).  1. The system displays message “This field can’t be blank”.  2. The system allow the patient to fill the field.  E2.The patient asks to exit  E4:the patient exists withen the system.   1. The system displays message “ the patient already exist”. 2. The system askes the patient if he want to exit. | | | | | |
| Summary Inputs | Source | Outputs | | Destinations | |
| Registration request  Options  Sign up request  Patient form  Patient data  Add request | System’s admin  System datastore.  Patient  System’s admin  Patient  Patient | patient’s request confirmation | | System database | |