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| HealthCenterSystem |  |
| Responsibilities: | Collaborators: |
| Store information and histories | Collection |
| Access to people’s information | University |
| Access to patients and their info. | Patients |
| Check valid universities |  |
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| University |  |
| Responsibilities: | Collaborators: |
| Do research | HealthCenterSystem |
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| Patient |  |
| Responsibilities: | Collaborators: |
| Set and get date of birth | Collection |
| Set and get gender | Doctor |
| Set and get insurance | DrugStore |
| Set type of insurance |  |
| Set and get degree |  |
| Set and get job |  |
| Set and get location |  |
| Access to their history |  |
| Receive medicines and buy from drugstore |  |
| Permit to access |  |
| Find first trusted doctor |  |
| Visit first trusted doctor and add new doctor in the case needed |  |
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| Illness |  |
| Responsibilities: | Collaborators: |
| Set and get kind of illness |  |
| Set and get what is patient’s state |  |
| What has doctor diagnosed |  |
| Define state of illness and importance of it |  |
| What medicines should patient use |  |
| Store date of start and end of illness |  |
| Store name of related doctor |  |
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| History |  |
| Responsibilities: | Collaborators: |
| Get history of everyone | Collection |
|  | Illness |

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| Doctor |  |
| Responsibilities: | Collaborators: |
| Check kind of illness and find problem | Illness |
| If illness was related to this doctor, make a new history |  |
| If illness was not related to this doctor, reference to a new correct doctor |  |
| Get new doctors name |  |
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| DrugStore |  |
| Responsibilities: | Collaborators: |
| Receive information | HealthCenterSystem |
| Get medicine to patient |  |