title

Entity ‘patients’

This is a table that stores patients and their information in the question.

|  |  |
| --- | --- |
| Attribute | Description |
| patientId |  |
| patientName |  |
| patientGender |  |
| patientAddress |  |
| patientPhoneNumber |  |
| patientEmail |  |
| patientBirthDate |  |
| patientMedicareNumber |  |
| doesPatientSomke |  |

Entity ‘pastDiseaseOfPatient’

This is a table that stores what diseases patient had before and relative information.

|  |  |
| --- | --- |
| Attribute | Description |
| patientId |  |
| diseaseId |  |
| addRecordTimestamp |  |
| cureTimestamp |  |

Entity ‘doctor’

This table contains information of all the doctors in this clinic.

|  |  |
| --- | --- |
| Attribute | Description |
| docId |  |
| docName |  |

Entity ‘medicine’

This contains information for all the medicines that the doctors in this clinic can prescribe to the patients.

|  |  |
| --- | --- |
| Attributes | Description |
| idMedicine |  |
| medicineName |  |
| isRestricted |  |

Entity ‘prescription’

This contains all relative information for the prescriptions.

|  |  |
| --- | --- |
| Attribute | Description |
| idPrescription |  |
| idPatient |  |
| idDoc |  |
| linkTo |  |
| idMed |  |
| medName |  |
| dose |  |
| timestamp |  |

Entity ‘onDutyDoc’

This is a table that stores information about doctors who are on duty.

|  |  |
| --- | --- |
| Attribute | Description |
| docId |  |
| StartTime |  |
| EndTime |  |
| DutyId |  |
| isFree |  |
| totalDutyTime |  |

Entity ‘lab’

This is the table that holds relevant information for labs

|  |  |
| --- | --- |
| Attributes | Description |
| labId |  |
| labName |  |

Entity ‘standardTest’

This is a table that holds information about standard tests that the clinic can perform.

|  |  |
| --- | --- |
| Attributes | Description |
| idStandardTest |  |
| nameStandardTest |  |

Entity ‘samples’

This contains information about the samples that are taken from patients for tests

|  |  |
| --- | --- |
| Attributes | Description |
| idSamples |  |
| idDoctor |  |
| idPatient |  |
| idLab |  |
| sendTimestamp |  |
| resultTimestamp |  |
| results |  |
| descriptions |  |

Entity ‘image’

This contains medical images of the patients, if required by the doctor

|  |  |
| --- | --- |
| Attributes | Description |
| idImage |  |
| idPatient |  |
| idDoc |  |
| idTest |  |
| imageFilePath |  |

Entity ‘test’

This contains information about the tests need to perform on the patients required by doctors.

|  |  |
| --- | --- |
| Attributes | Description |
| idSample |  |
| idPatient |  |
| idDoc |  |
| timestamp |  |
| results |  |
| idTest |  |
| idLab |  |

Entity ‘waitingQueue’

This is a table that records information about patients’ waiting in queue.

|  |  |
| --- | --- |
| Attributes | Description |
| idQueue |  |
| idDoc |  |
| idPatient |  |
| patientArrivalTimestamp |  |
| consultationStartTime |  |

Entity ‘disease’

This holds information about common disease.

|  |  |
| --- | --- |
| Attributes | Description |
| diseaseId |  |
| diseaseName |  |

Entity ‘consultation’

This holds relative information for consultations

|  |  |
| --- | --- |
| Attributes | Description |
| idConsultation |  |
| idDoc |  |
| idPatient |  |
| startTimestamp |  |
| endTimestamp |  |
| nameDoc |  |
| patientName |  |

Entity ‘requestOfRestrictMeds’

This holds information about the request for restricted medicines and response.

|  |  |
| --- | --- |
| Attributes | Description |
| idRequest |  |
| requestTimestamp |  |
| responseTimestamp |  |
| idMed |  |
| isGranted |  |