|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Department** | | | | | |
|  | **Fields** | **Data Type** | **Primary key of** | **Constraints** | **Description** |
| **PK** | departmentID | char(6) |  |  |  |
|  | departmentName | varchar(50) |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Patient** | | | | | |
|  | **Fields** | **Data Type** | **Primary key of** | **Constraints** | **Description** |
| PK | NHI | char(7) |  |  |  |
|  | firstName | varchar(50) |  |  |  |
|  | lastName | varchar(50) |  |  |  |
|  | DOB | Date |  |  |  |
|  | gender | varchar(6) |  |  |  |
|  | healthTargetEligible | varchar(3) |  |  |  |

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| **Profession** | | | | | |
|  | **Fields** | **Data Type** | **Primary key of** | **Constraints** | **Description** |
| **PK** | professionID | char(6) |  |  |  |
|  | professionalName | varchar(20) |  |  |  |

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| **Referree** | | | | | |
|  | **Fields** | **Data Type** | **Primary key of** | **Constraints** | **Description** |
| **PK** | referreeID | char(6) |  |  |  |
|  | firstName | varchar(50) |  |  |  |
|  | lastName | varchar(50) |  |  |  |
| **FK** | professionID | char(6) |  |  |  |

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| **Surgeon** | | | | | |
|  | **Fields** | **Data Type** | **Primary key of** | **Constraints** | **Description** |
| **PK** | surgeonID | char(6) |  |  |  |
|  | firstName | varchar(50) |  |  |  |
|  | lastName | varchar(50) |  |  |  |
| **FK** | departmentID | char(6) |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Referral** | | | | | |
|  | **Fields** | **Data Type** | **Primary key of** | **Constraints** | **Description** |
| **PK** | referralID | char(6) |  |  |  |
| **FK** | NHI | char(7) |  |  |  |
| **FK** | surgeonID | char(6) |  |  |  |
| **FK** | referreeID | char(6) |  |  |  |
|  | DOB | date |  |  |  |
|  | referralDate | date |  |  |  |
|  | waitlistDate | date |  |  |  |
|  | ageAtReferral | int |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Appointment** | | | | | |
|  | **Fields** | **Data Type** | **Primary key of** | **Constraints** | **Description** |
| **PK** | appointmentID | varchar(8) |  |  |  |
| **FK** | NHI | char(7) |  |  |  |
| **FK** | surgeonID | char(6) |  |  |  |
|  | FSADate | date |  |  |  |
|  | referralDate | date |  |  |  |
|  | DaysWaitingFromReferral | int |  |  |  |