BCDE103 Design Assessment

# Data Dictionary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Patient Table | | | | | |
| Column Type | **Column Name** | **Data Type** | **FK Relationship** | **Constraints** | **Description** |
| PK | NHI | CHAR(7) |  |  |  |
|  | FirstName | VARCHAR(20) |  |  |  |
|  | LastName | VARCHAR(30) |  |  |  |
|  | DOB | DATE |  | Format: YYYY-MM-DD |  |
|  | Gender | VARCHAR(6) |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Department Table | | | | | |
| Column Type | **Column Name** | **Data Type** | **FK Relationship** | **Constraints** | **Description** |
| PK | DepartmentID | CHAR(2) |  |  |  |
|  | DepartmentName | VARCHAR(20) |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Referee Table | | | | | |
| Column Type | **Column Name** | **Data Type** | **FK Relationship** | **Constraints** | **Description** |
| PK | RefereeID | CHAR(4) |  |  |  |
|  | FirstName | VARCHAR(20) |  |  |  |
|  | LastName | VARCHAR(30) |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Origin Table | | | | | |
| Column Type | **Column Name** | **Data Type** | **FK Relationship** | **Constraints** | **Description** |
| PK | OriginID | CHAR(2) |  |  |  |
|  | Origin Name | VARCHAR(20) |  |  | Where the referral was generated |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Surgeon Table | | | | | |
| Column Type | **Column Name** | **Data Type** | **FK Relationship** | **Constraints** | **Description** |
| PK | SurgeonID | CHAR(6) |  |  |  |
|  | FirstName | VARCHAR(20) |  |  |  |
|  | LastName | VARCHAR(30) |  |  |  |
| FK | DepartmentID | CHAR(2) | Department |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Referral Table | | | | | |
| Column Type | **Column Name** | **Data Type** | **FK Relationship** | **Constraints** | **Description** |
| PK | ReferralID | INT |  | Starts at 1000 |  |
| FK | NHI | CHAR(7) | Patient |  |  |
| FK | SurgeonID | CHAR(6) | Surgeon |  |  |
| FK | OriginID | INT | Origin |  |  |
| FK | RefereeID | CHAR(2) | Referee |  |  |
|  | ReferralDate | DATE |  |  |  |
|  | WaitlistDate | DATE |  |  |  |
|  | FSA | DATE |  |  |  |
|  | AgeAtReferral | INT |  |  |  |
|  | DaysOnWaitlist | INT |  |  | Time between referral date and FSA date |

# Design Report

Removed the Year-Month column

Removed the health target column

Null values set to a date 80 days in the future