# 

# Blood Bank Management System Schema

## Staff

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| StaffID (PK) | Name | Role | SkillSet | ContactNo |

## Hospital

|  |  |  |
| --- | --- | --- |
| HospitalName (PK) | Location | ContactNo |

## Patient

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| PatientID (PK) | Name | Age | Gender | Address | ContactNo | BloodGroupRequired | HospitalName (FK) |

## Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| RequestID (PK) | RequestDate | Status | Patient Name | BloodBankName  (FK) |

## BloodBank

|  |  |  |  |
| --- | --- | --- | --- |
| BloodBankName (PK) | Location | ContactNo | EstablishedYear |

## Campaign

|  |  |  |  |
| --- | --- | --- | --- |
| CampID (PK) | CampaignName | Location | Date |

## Donor

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DonorName(PK) | Age | Gender | BloodGroup | ContactNo | Camp\_id (FK) |

## Transaction

|  |  |
| --- | --- |
| TransactionID (PK) | DateOfDonation |

## BloodUnit

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| UnitID (PK,} | DonorNmae (FK) | BloodBankName (FK) | BloodGroup | Quantity | CollectionDate |

## Legend

(PK) = Primary Key

(FK) = Foreign Key

## ASSIGNED TO

|  |  |
| --- | --- |
| STAFF\_ID | HOSPITAL\_NAME |

## REFERS

|  |  |
| --- | --- |
| DONOR\_NAME | REFER\_DONOR\_ID |

## TRANSACTIONS

|  |  |  |
| --- | --- | --- |
| BLOODBANK\_NAME | DONOR\_NAME | TRANSACTION\_ID |