**Emergency Donor Finder Database**

**Table Details:**

USERDATA (userId:Integer, userFName:String, userLName:String, phoneNo:String, gender:String, age:Integer)

DONOR (donorId:Integer, userId:Integer, bloodGroup:String, status:String)

REQUEST (requestId:Integer, userId:Integer, requestedGroup:String, quantity:integer, reason:String, neededAt:String, neededOn:date, contactNo:String)

* USERDATA has one to one relationship with DONOR, But USERDATA doesn’t participates fully in the relationship.
* USERDATA has one to many relationship with REQUEST.

**Schema Diagram:**

|  |
| --- |
| DONOR |
| donorId (PK) |
| userId (FK) |
| bloodGroup |
| status |

|  |
| --- |
| USERDATA |
| userId (PK) |
| userFName |
| userLName |
| phoneNo |
| gender |
| age |

|  |
| --- |
| REQUEST |
| requestId (PK) |
| userId (FK) |
| requestedGroup |
| quantity |
| reason |
| neededAt |
| neededOn |
| contactNo |

Fig: Schema Diagram of ‘Emergency Donor Finder Database’.

**ER Diagram:**

Become

DONOR

USERDATA

1 1

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Post

REQUEST

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