**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.
* USERDATA has one to many relationship with REQUEST.

**Schema Diagram:**

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

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

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

Fig-1: Schema Diagram of ‘Emergency Donor Finder Database’.

**ER Diagram:**

Can become

**DONOR**

**USERDATA**

1 1

1

Can make

**REQUEST**

N

Fig-2: ER Diagram of ‘Emergency Donor Finder Database’.