2. Relational Schema

Donor donates at donor centre

Donor ID	FK
Cenre ID	FK

DONOR

ID	PK
Name	
Blood type	
Donation type	
DOB	
Gender	
Address	
Age	
Cenre ID	FK

Donor's medical info

Donor ID		FK
Blood pressure		
Pre existing condition		
Eligible to donate?		
Hemoglobin level		
Temperature		
Pulse rate		
Donated before?		

Donor center

Centre ID	PK
Address	

Hospital Notifies to Donor Centre

Hospital ID	FK
Cenre ID	FK
Emergency_notification_description	

Donation history

Donor ID	FK
Number of donaions	
Donated at	
Donation type	

DONATION EVENT

Event ID	PK
Date	
Address	
Event notiication sent?	
Donor ID	FK

Donor centre sends blood to hospital

Hospital ID	FK
Centre ID	FK

Hospital/Blood bank

ID	
Name	
Address	
Conatct information	

Blood pack

Blood pack ID	PK
Blood type	
Expiry date	
Collection date	
Hospital ID	FK

Rewards

Donor ID	FK
Reward details	
Reward type	

Donation outcome

Reciever's ID	FK
Successful/ Unsuccessful?	
Reason	

Blood Reciever

Reciever's ID	PK
Name	
Blood type	
Hospital ID	FK