**Red App (Blood Donation)**

* **Admin**
  + Login
  + Manage blood groups
  + View blood banks
  + View donors
  + View receivers
  + View requests
  + View blood banks collection report
* **Blood banks**
  + Register
  + Login
  + View donors
    - Send a requirement message
  + Manage donations collection
  + Manage distribution
  + View requests
    - Send confirmation
* **Donor**
  + Register
  + Login
  + View Camp
    - View Organization
    - View Blood Details
  + View requests message from blood bank
  + Update availability
  + View donated details
* **Receiver**
  + Register
  + Login
  + View Camp
    - View Organization
    - View Blood Details
  + Request for blood
    - View status
    - update status

**Organization**

* Register
* Login
* Manage Camp
  + Add Blood Details

**Tables**

* + login
    - login\_id
    - username
    - password
    - usertype
  + bloodgroups
    - group\_id
    - group\_name
    - group\_description
  + bloodbanks
    - bank\_id
    - login\_id
    - name
    - place
    - pincode
    - phone
    - email
  + donors
    - donor\_id
    - login\_id
    - first\_name
    - last\_name
    - group\_id
    - gender
    - age
    - pincode
    - phone
    - email
  + receivers
    - receiver\_id
    - login\_id
    - first\_name
    - last\_name
    - house\_name
    - place
    - pincode
    - phone
    - email
  + requests
    - request\_id
    - receiver\_id
    - group\_id
    - date\_time
    - unit\_required
    - pincode
    - status
  + collection
    - collection\_id
    - bank\_id
    - group\_id
    - date\_time
    - unit\_collected
    - donor\_id
  + distribution
    - distribution\_id
    - receiver\_id
    - group\_id
    - unit\_distributed
    - date\_time
  + requirement\_message
    - message\_id
    - bank\_id
    - donor\_id
    - group\_id
    - unit\_required
    - description
  + status
    - status\_id
    - donor\_id
    - donation\_availability\_status
    - date\_time
  + Organisation
    - Organisation\_id
    - Organisationname
    - Phone
    - Email
  + Camp
    - Camp\_id
    - Organization\_id
    - Allocates\_id
    - Date
    - Time
    - Latitude
    - Longitude
  + Campblood
    - Cblood\_id
    - Camp\_id
    - Groupid
    - noofunits