**Red App (Blood Donation)**

* **Admin**
  + Login
  + Manage blood groups
  + View blood banks
  + Manage users
  + View requests
  + View blood banks collection report
  + Provide certificate
  + View feedback
* **Blood banks**
  + Register
  + Login
  + Send a requirement message
  + Manage donations collection
  + Manage distribution
  + View requests
    - Send confirmation
* **Donor**
  + Register
  + Login
  + View profile
* Download certificate
* Doner Achivements
* Donated dates
  + View requirement message from blood bank
    - Update availability
  + View donated details
  + View blood requests
  + Send feedback
  + Request for blood
    - View status
    - update status

**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/ receivers
    - user\_id
    - login\_id
    - first\_name
    - last\_name
    - group\_id
    - gender
    - age
    - place
    - pincode
    - phone
    - email
  + requests
    - request\_id
    - user\_id
    - group\_id
    - date\_time
    - unit\_required
    - pincode
    - status
  + collection
    - collection\_id
    - bank\_id
    - group\_id
    - date\_time
    - unit\_collected
    - user\_id
  + distribution
    - distribution\_id
    - user\_id
    - group\_id
    - unit\_distributed
    - date\_time
  + requirement\_message
    - message\_id
    - bank\_id
    - user\_id
    - group\_id
    - unit\_required
    - description
  + status
    - status\_id
    - user\_id
    - donation\_availability\_status
    - date\_time
  + feedback
  + id
  + feedback
  + date
  + uid