**Red APP**

Admin

* ~~Login~~
* ~~Manage Blood Groups~~
* ~~View Blood Bank~~
  + ~~View Blood Available~~
* ~~View Hospitals~~
  + ~~View Blood Available~~
* ~~View Organization~~
  + ~~View Camps~~

Blood Bank

* ~~Register~~
* ~~Login~~
* ~~Add available Bloods~~
* ~~View Request for Blood~~
  + ~~View Users~~
  + ~~Accept/Reject~~

Hospital

* ~~Register~~
* ~~Login~~
* Add Available Bloods
* ~~View Request for blood~~
  + ~~View Users details~~
  + ~~Accept/Reject~~

Organization

* ~~Register~~
* ~~Login~~
* Manage Camp
  + Add Blood Details

Users

* Register
* Login
* View nearby Camps
* View available Bloods
  + Search Bloods
  + Send Request for Blood
* View Status of Request

Tables

Login

login\_id

username

password

usertype

Bloodgroups

Group\_id

Group

Bloodbank

Bank\_id

Login\_id

Bankname

Place

Latitude

Longitude

Phone

Email

Availablebloods

ablood\_id

group\_id

allocated\_id (bloodbamkid or hospitalid)

type (bloodbank/hospital)

hospitals

hospital\_id

login\_id

hospital

place

phone

email

latitude

longitude

Organisation

Organisation\_id

Organisationname

Phone

Email

Camp

Camp\_id

Organization\_id

Allocates\_id

Date

Time

Latitude

Longitude

Request

Request\_id

User\_id

Requested\_id (hospital/blodbank)

Type (hospital/blodbank)

Group\_id

Date

Status

Users

User\_id

Login\_id

Fname

Lname

Age

Bloodgroup

Phone

Email

Campblood

Cblood\_id

Camp\_id

Groupid

noofunits

(SELECT \* FROM `camp` INNER JOIN `hospitals` ON (`camp`.`allocates\_id`=`hospitals`.`hospital\_id`) WHERE `allocates\_type`='hospital') UNION

(SELECT \* FROM `camp` INNER JOIN `bloodbank` ON (`camp`.`allocates\_id`=`bloodbank`.`bank\_id`) WHERE `allocates\_type`='blood\_bank')