



A Project

Report On

BLOOD MANAGEMENT SYSTEM

By

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B.TECH

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Centre: Bangalore

Under the Guidance of,

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Introduction:

Our project explains about the Blood Management site name Blood Management System. This

Project mainly explains the various actions related to Blood Donation. You can

View and search that near to you Hospitals, Blood Banks and Doners. Our Project Include

Modules:-

- Admin Module**
 - Doner Module**
 - Blood Bank Module**
 - Hospital Module**
- I have developed this Application in Java, JSP, Servlets and MySQL. It's a web-based projects so I have used HTML, CSS and JavaScript also.**

The main feature of the project is to help who need Blood. You can access this website from anywhere and everywhere.

In Admin module, admin can add the Blood Bank, Doner, and more. He can also view the list of Doner, Hospitals, and Blood Banks

Present in the website. And also view Request to direct requests of anyone. Admin Can only see the admin page. If he delete or update any he can.

In Doner module, Doner will receive the Request that are public and Direct Request to him also able to see the details of requester

New user can register as member Doner only, but here a feature to non register to send requirement request to public section. those can't send Direct Requests.

In Blood Bank Module, Blood Bank will provide Blood to Requested ones and able to request from any of available one.

In Hospital. It is also similar to the Blood Bank. It can accept and it can request .these a feature to view receive to Direct request and witha feature to see dataild of requester.

Software Requirements:

Front end: Java/J2EE technologies (Servlet, JSP), HTML, CSS and JavaScript

Back end: MySQL workbench 6.2CE.

Middleware/Server: Apache Tomcat v8.5. IDE: Eclipse IDE for Java EE

Developers

Browser: Best result on Google Chrome

Operating System: Window 10

Data Base:

Create database bldbank

Use bldbank

DROP TABLE IF EXISTS `admin`;

CREATE TABLE `admin` (

 `admin_id` int(11) NOT NULL auto_increment,

 `name` varchar(30) NOT NULL,

 `Username` varchar(24) NOT NULL,

 `password` varchar(24) NOT NULL,

 PRIMARY KEY (`admin_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```
INSERT INTO `admin` VALUES (2,'Kishor Kadam','kadamk33','java@1991'),  
(4,'Sagar Kharmale','sagar','sagar@123'),  
(5,'Govind Raut','govind','raut@12345'),  
(7,'Santosh Karvekar','santosh','santosh@123');
```

```
DROP TABLE IF EXISTS `bregister`;
```

```
CREATE TABLE `bregister` (  
  `bid` int(11) NOT NULL AUTO_INCREMENT,  
  `bname` varchar(45) NOT NULL,  
  `bld` varchar(45) NOT NULL,  
  `address` varchar(45) NOT NULL,  
  `password` varchar(45) NOT NULL,  
  `email` text,  
  PRIMARY KEY (`bid`)  
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=utf8;
```

```
DROP TABLE IF EXISTS `hregister`;
```

```
DROP TABLE IF EXISTS `uregister`; CREATE TABLE `hregister` (  
  `Hid` int(11) NOT NULL AUTO_INCREMENT,  
  `hname` varchar(45) NOT NULL,  
  `trdate` varchar(45) NOT NULL,
```

```
`bld` varchar(45) NOT NULL,  
`address` varchar(45) NOT NULL,  
`pass` varchar(45) NOT NULL,  
`email` text,  
PRIMARY KEY (`hid`)  
) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=utf8;
```

```
DROP TABLE IF EXISTS `uregister`;
```

```
CREATE TABLE `uregister` (  
  `uid` int(11) NOT NULL AUTO_INCREMENT,  
  `name` varchar(45) NOT NULL,  
  `email` varchar(45) NOT NULL,  
  `mobile` varchar(45) NOT NULL,  
  `gender` varchar(45) NOT NULL,  
  `age` varchar(45) NOT NULL,  
  `bld` varchar(45) NOT NULL,  
  `location` varchar(45) NOT NULL,  
  `pass` varchar(45) DEFAULT NULL,  
  PRIMARY KEY (`uid`)  
) ENGINE=InnoDB AUTO_INCREMENT=7 DEFAULT CHARSET=utf8;
```

```
DROP TABLE IF EXISTS `rhospital`;
```

```
create table rhospital(  
  `rid` int(11) NOT NULL auto_increment,  
  uid VARCHAR(15) not null,  
  hid VARCHAR(15) not null,  
  bid VARCHAR(15) not null,  
  hname VARCHAR(15) not null,  
  hlocation VARCHAR(15) not null,  
  rname VARCHAR(15) not null,  
  rnumber VARCHAR(15) not null,  
  rblod VARCHAR(15) not null,  
  rAdhaar_no VARCHAR(15) not null,  
  rstatus VARCHAR(15),  
  rlocation VARCHAR(15) not null,  
  rgender VARCHAR(15) not null,  
  rage VARCHAR(15) not null,  
  rtype VARCHAR(45) not null,  
  PRIMARY KEY (`rid`) not null  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
create table rhospital(  
  `rid` int(11) NOT NULL auto_increment,  
  hid VARCHAR(15) not null,  
  hname VARCHAR(15) not null,
```

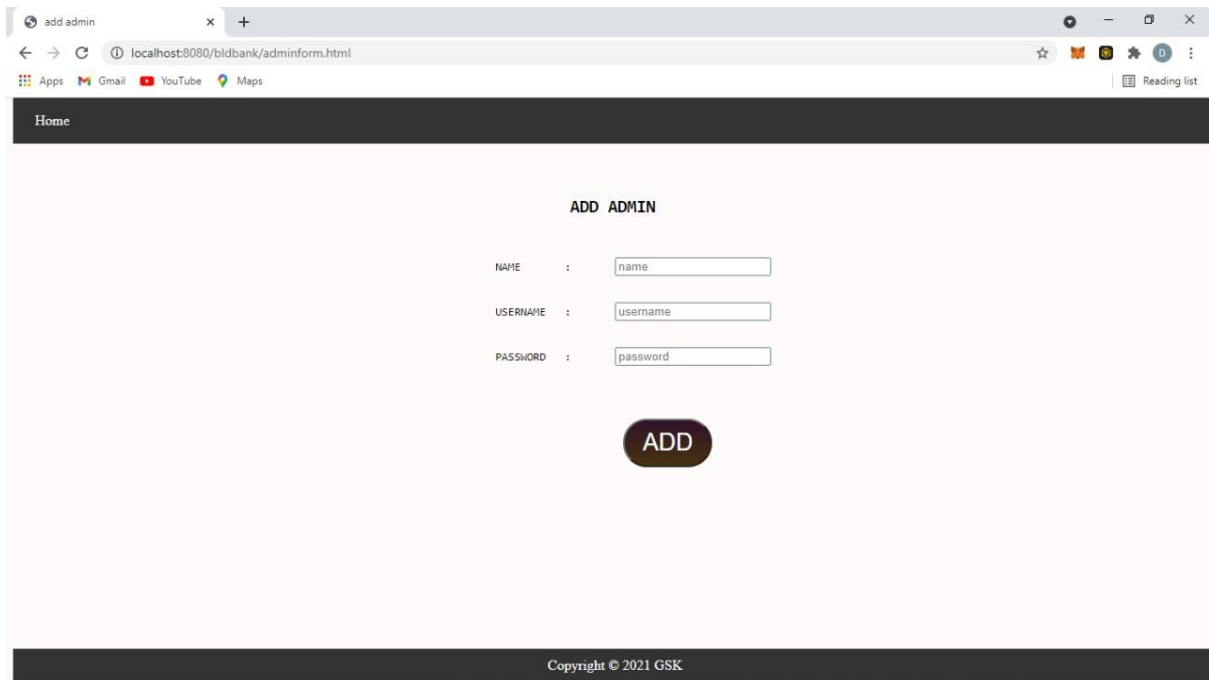
```
hlocation VARCHAR(15) not null,  
rname VARCHAR(15) not null,  
rnumber VARCHAR(15) not null,  
rblood VARCHAR(15),  
rAdhaar_no VARCHAR(15),  
rstatus VARCHAR(15),  
rlocation VARCHAR(15),  
rgender VARCHAR(15),  
rage VARCHAR(15),  
rtype VARCHAR(45),  
PRIMARY KEY (`rid`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
create table rhospital(  
`rid` int(11) NOT NULL auto_increment,  
hid VARCHAR(15) not null,  
hname VARCHAR(15) not null,  
hlocation VARCHAR(15) not null,  
rname VARCHAR(15) not null,  
rnumber VARCHAR(15) not null,  
rblood VARCHAR(15),  
rAdhaar_no VARCHAR(15),  
rstatus VARCHAR(15),  
rlocation VARCHAR(15),  
rgender VARCHAR(15),
```

```
Rage VARCHAR (15),  
Rtype VARCHAR (45),  
PRIMARY KEY (`rid`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
Create table request (  
Id int (11),  
Name VARCHAR (45) not null,  
Email VARCHAR (45) not null,  
Age VARCHAR (45) not null,  
Gender VARCHAR (45) not null,  
Mobile VARCHAR (45) not null,  
Bld VARCHAR (45) not null,  
Location VARCHAR (45) not null,  
Adhaar_no VARCHAR (45) not null,  
PRIMARY KEY (`id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

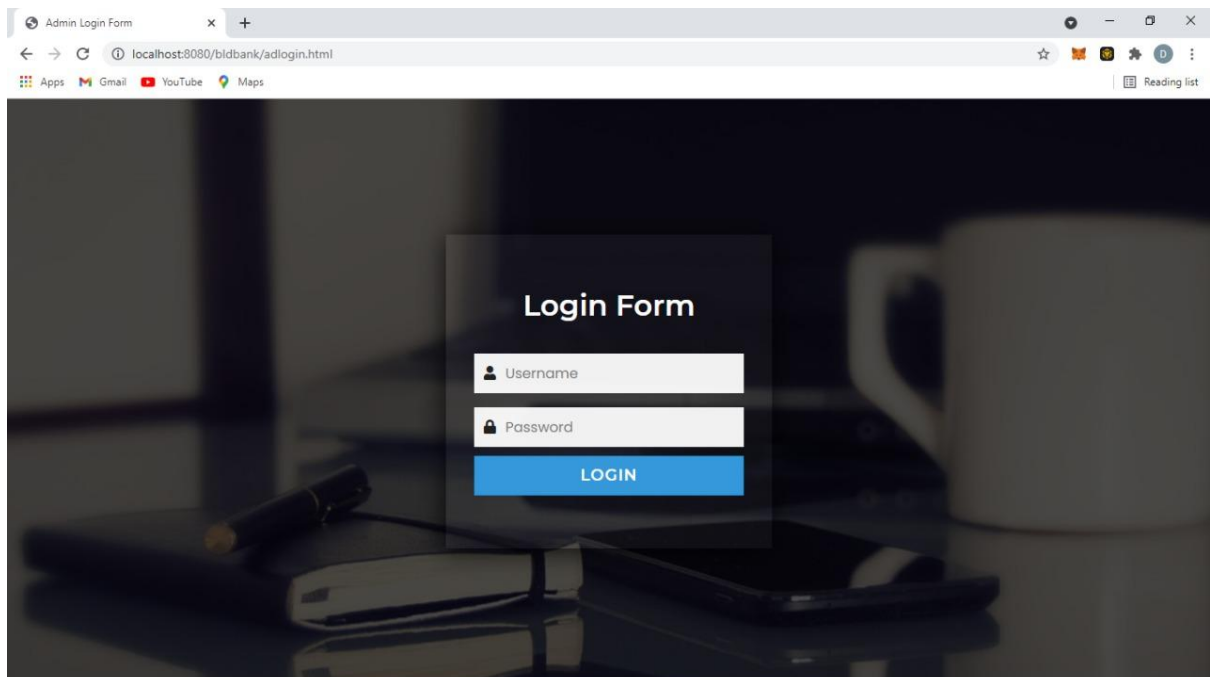

Screen Shots:

ADD Admin:



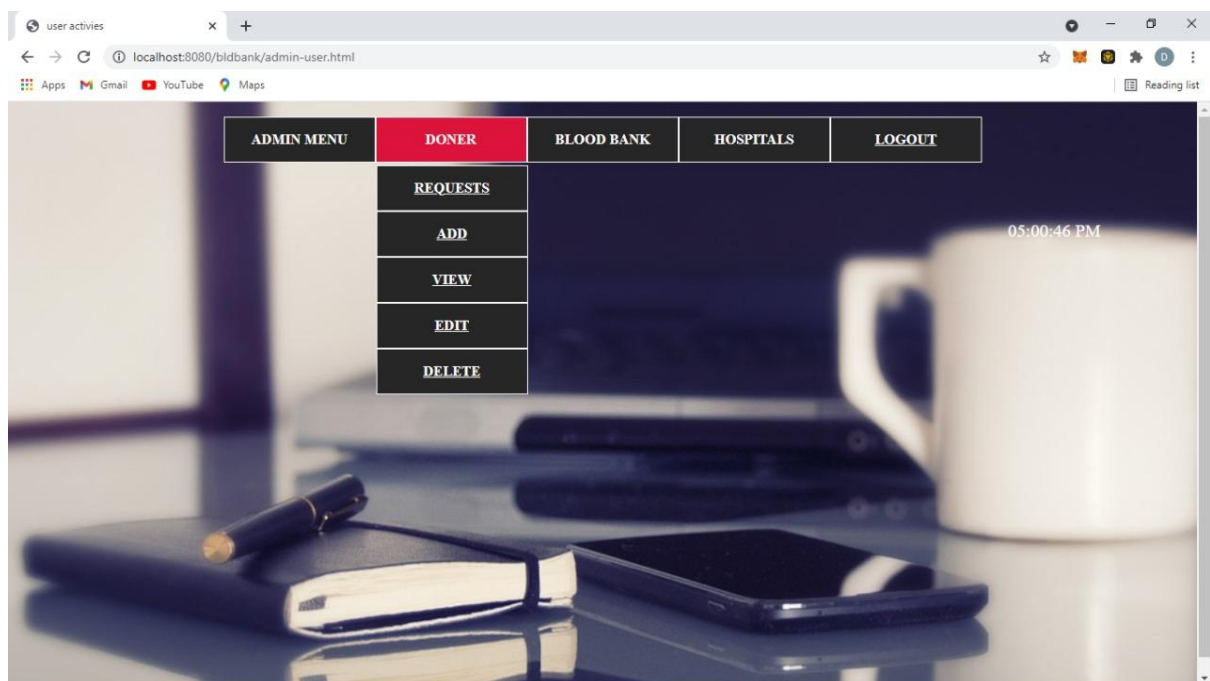
The screenshot shows a web browser window with the address bar displaying 'localhost:8080/bldbank/adminform.html'. The page has a dark header with the text 'Home'. The main content area is light pink and contains a form titled 'ADD ADMIN'. The form has three input fields: 'NAME' with a placeholder 'name', 'USERNAME' with a placeholder 'username', and 'PASSWORD' with a placeholder 'password'. Below these fields is a dark blue button with the text 'ADD'. At the bottom of the page, there is a dark footer with the text 'Copyright © 2021 GSK'.

Login Form:

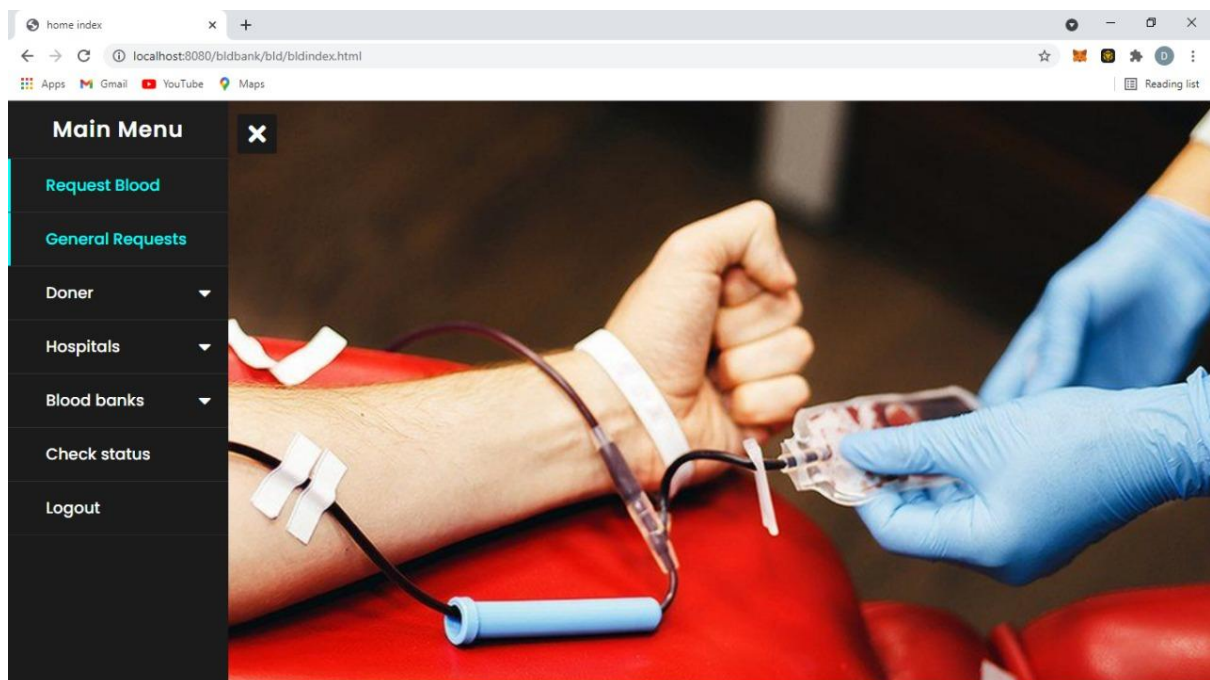


The screenshot shows a web browser window with the address bar displaying 'localhost:8080/bldbank/adlogin.html'. The page has a dark header with the text 'Admin Login Form'. The main content area is a dark background with a white login form overlay. The form is titled 'Login Form' and has two input fields: 'Username' with a user icon and 'Password' with a lock icon. Below these fields is a blue button with the text 'LOGIN'. The background of the page shows a blurred image of a desk with a smartphone, a pen, and a white mug.

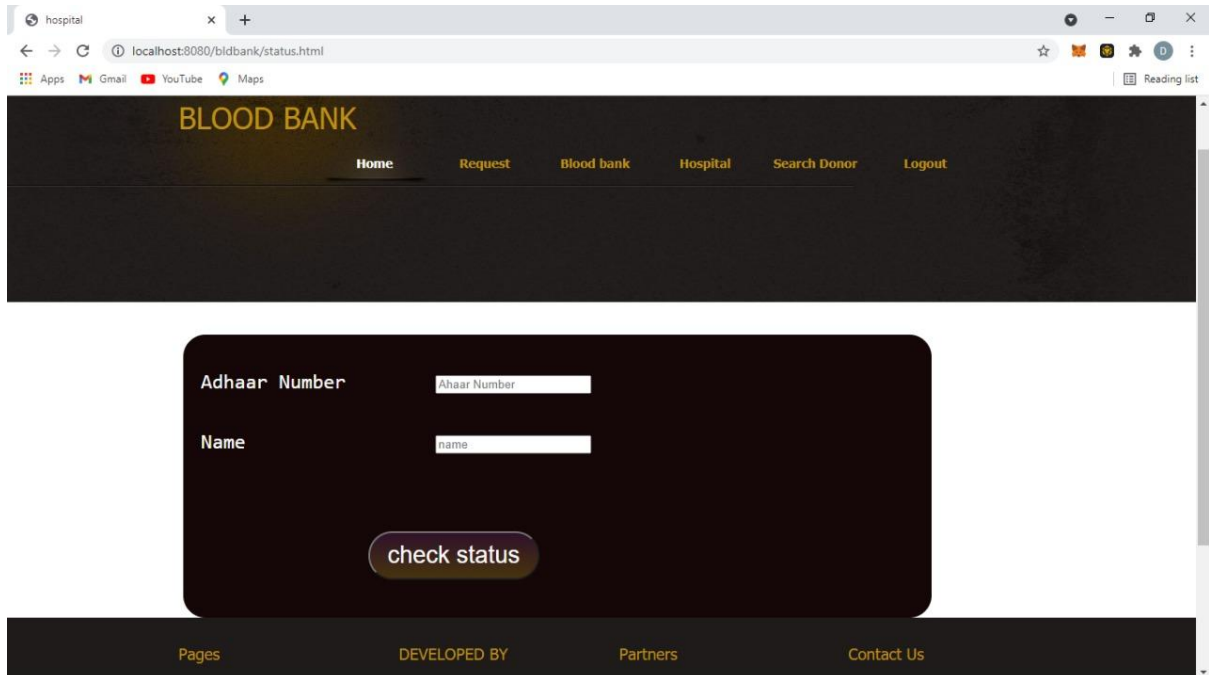
Information Details:



Main Menu:



Blood Bank Details Form:



The screenshot shows a web browser window with the address bar displaying 'localhost:8080/bldbank/status.html'. The page has a dark theme with a header section titled 'BLOOD BANK' in yellow. Below the header is a navigation menu with links: Home, Request, Blood bank, Hospital, Search Donor, and Logout. The main content area features a dark blue rounded rectangle containing a form. The form has two input fields: 'Adhaar Number' and 'Name', both with placeholder text. Below these fields is a yellow 'check status' button. At the bottom of the page is a footer with links: Pages, DEVELOPED BY, Partners, and Contact Us.

BLOOD BANK

[Home](#) [Request](#) [Blood bank](#) [Hospital](#) [Search Donor](#) [Logout](#)

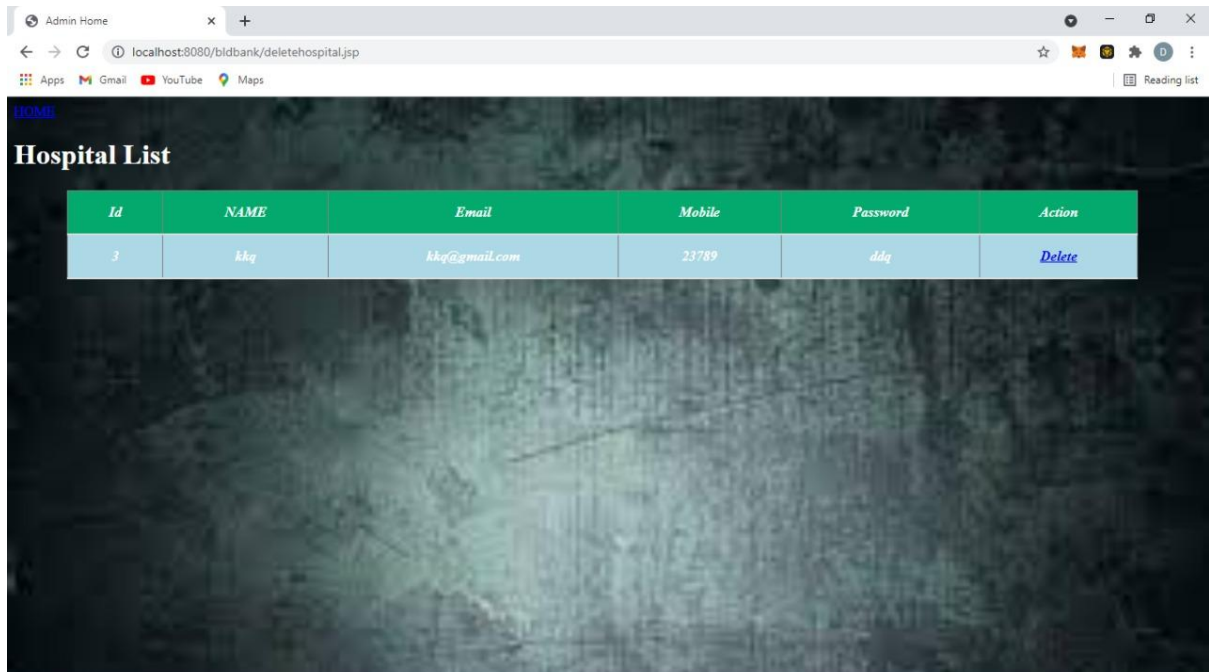
Adhaar Number

Name

[check status](#)

[Pages](#) [DEVELOPED BY](#) [Partners](#) [Contact Us](#)

Hospital List:



The screenshot shows a web browser window with the address bar displaying 'localhost:8080/bldbank/deletehospital.jsp'. The page has a dark theme with a header section titled 'Hospital List' in white. Below the header is a table with 6 columns: Id, NAME, Email, Mobile, Password, and Action. The table contains one row of data. The background of the page is a dark, textured image.

[HOME](#)

Hospital List

<i>Id</i>	<i>NAME</i>	<i>Email</i>	<i>Mobile</i>	<i>Password</i>	<i>Action</i>
3	kkq	kkq@gmail.com	23789	ddq	Delete

Blood Request Form:



Form

localhost:8080/bldbank/requesthospital.jsp?uid=3

Apps Gmail YouTube Maps

Reading list

Blood Request Form

Hospital Name:

Location:

Request By:

Name:

Number:

Adhaar_no:

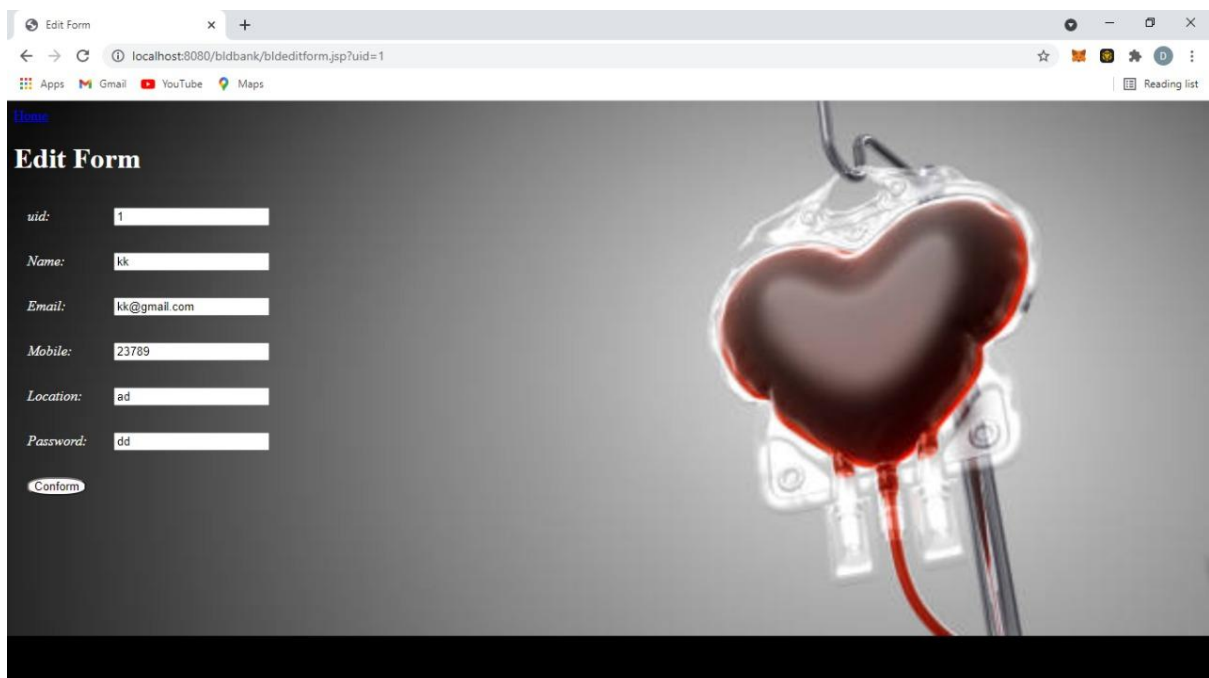
Gender:

Age:

Blood Group:

Address:

Edit Form:



Edit Form

localhost:8080/bldbank/bleditform.jsp?uid=1

Apps Gmail YouTube Maps

Reading list

[Home](#)

Edit Form

uid:

Name:

Email:

Mobile:

Location:

Password:

View Hospital:

View Hospital

NAME : kkq
EMAIL : kkq@gmail.com
MOBILE NUMBER : 23789
ADDRESS : adq
[Request](#)

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Request Form for Blood:

Request Form For Blood

Full Name

Email

Mobile number

age

Gender

Adhaar number

blood group

Request Blood Details:

Insert title here x +

localhost:8080/bldbank/bld/view.jsp?status=not%20approve

Apps Gmail YouTube Maps Reading list

Requests

Name	Mobile Number	Blood Group	Locatoin	status	Accept
approved	null	null	A	pending	Accept
null	null	null	null	pending	Accept
null	null	null	null	pending	Accept
null	null	null	null	pending	Accept
hema	null	null	A+	pending	Accept
raja	null	A+	null	pending	Accept
a	null	A+	null	pending	Accept
null	null	null	null	pending	Accept
zzzz	s	A+	s	pending	Accept
kanu	8985410562	b-	hyderabad	pending	Accept

Person Doner Details:

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/bldbank/viewdoner.jsp'. The page has a dark header with a 'Home' link. The main content area is titled 'Doners' and lists three donors in a table. Each donor's details are shown in a dark purple box with white text. The first donor has null values for name, email, and mobile number. The second donor is 'kan' with email 'kan@gmail.com' and mobile number '9896969696'. The third donor is 'ramya' with email 'ramya@gmail.com' and mobile number '1236895623'. All donors have blood group 'chennai' and address 'A'. Each entry has a 'View Profile' link below it. The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray on the right shows the temperature as 31°C, the time as 17:13, and the date as 13-07-2021.

NAME	EMAIL	MOBILE NUMBER	Blood Group	ADDRESS
NAME : null	EMAIL : null	MOBILE NUMBER : null	Blood Group : null	ADDRESS : A
NAME : kan	EMAIL : kan@gmail.com	MOBILE NUMBER : 9896969696	Blood Group : chennai	ADDRESS : A
NAME : ramya	EMAIL : ramya@gmail.com	MOBILE NUMBER : 1236895623	Blood Group : chennai	ADDRESS : A