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A Project

Report On

BLOOD MANAGEMENT SYSTEM

By

G.Stuthi Kiran

B.TECH

Batch: 2020- 5345

Centre: Bangalore

Under the Guidance of,

Jayant V.

Technical Trainer

EduBridge

(School of coding)

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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 ModuleI 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 Requsted onces 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.

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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
Usebldbank
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;
```

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```
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;
```

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```
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,
```

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```
  hlocation VARCHAR(15) not null,
 rname VARCHAR(15) not null,
 rnumber VARCHAR(15) not null,
 rblod 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,
 rblod 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;
```

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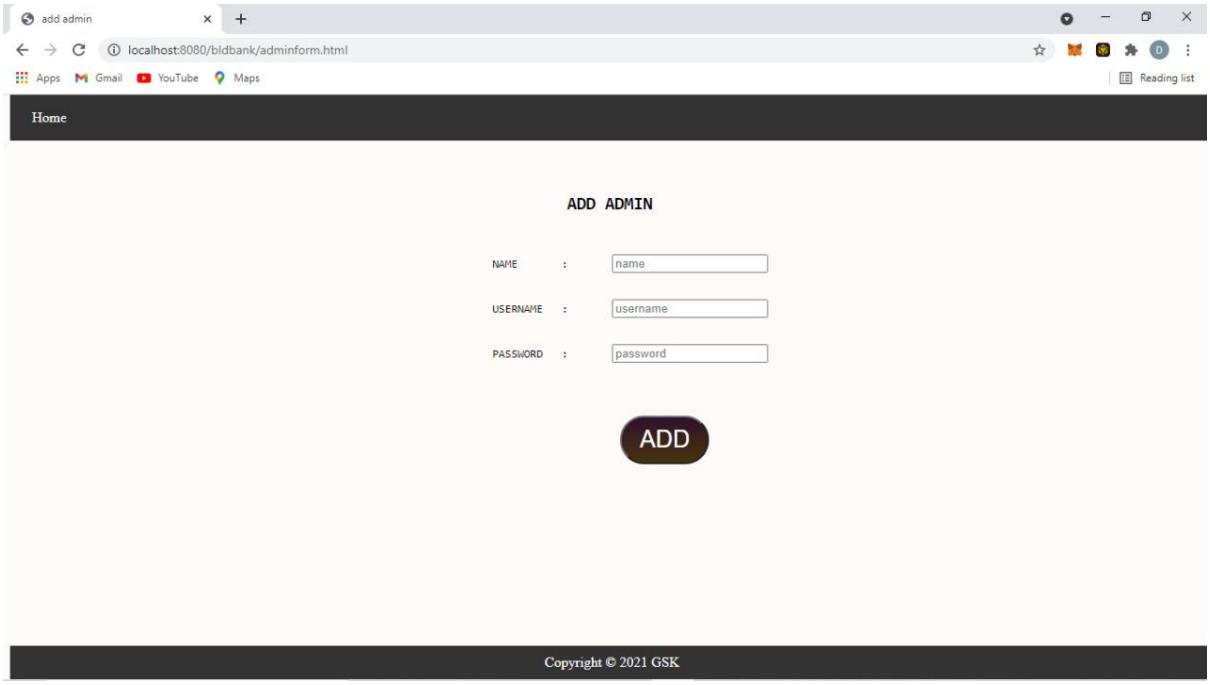
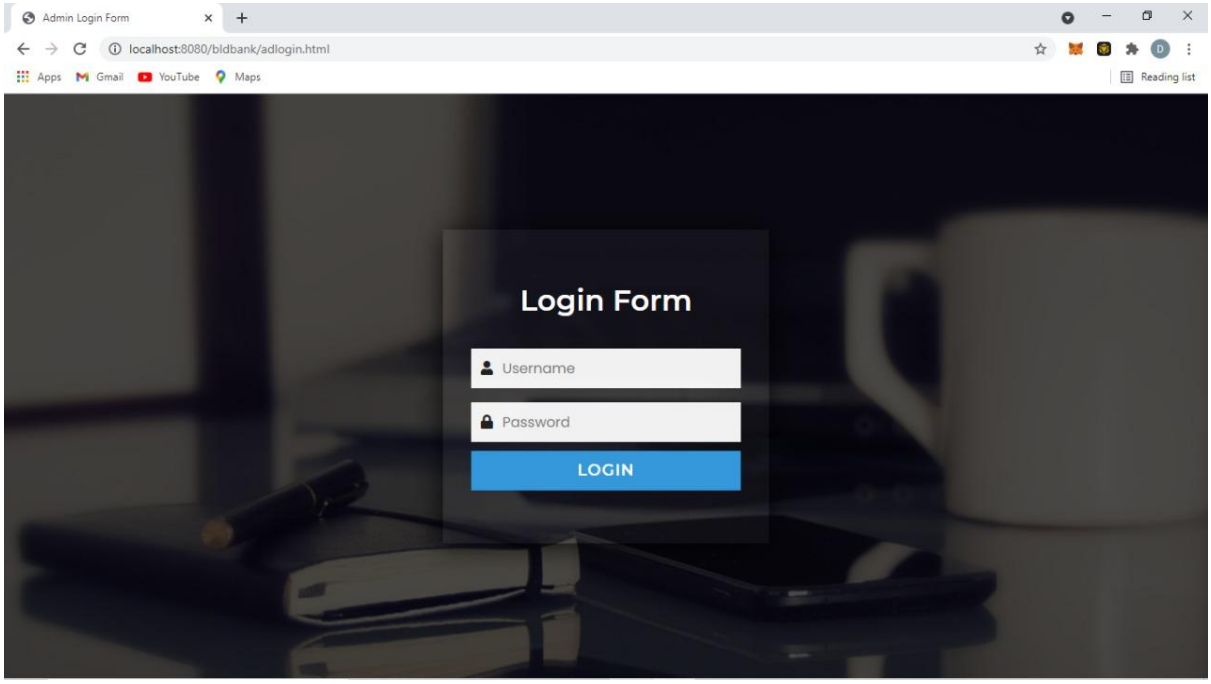
Screen Shots:

ADD Admin:



Login Form:



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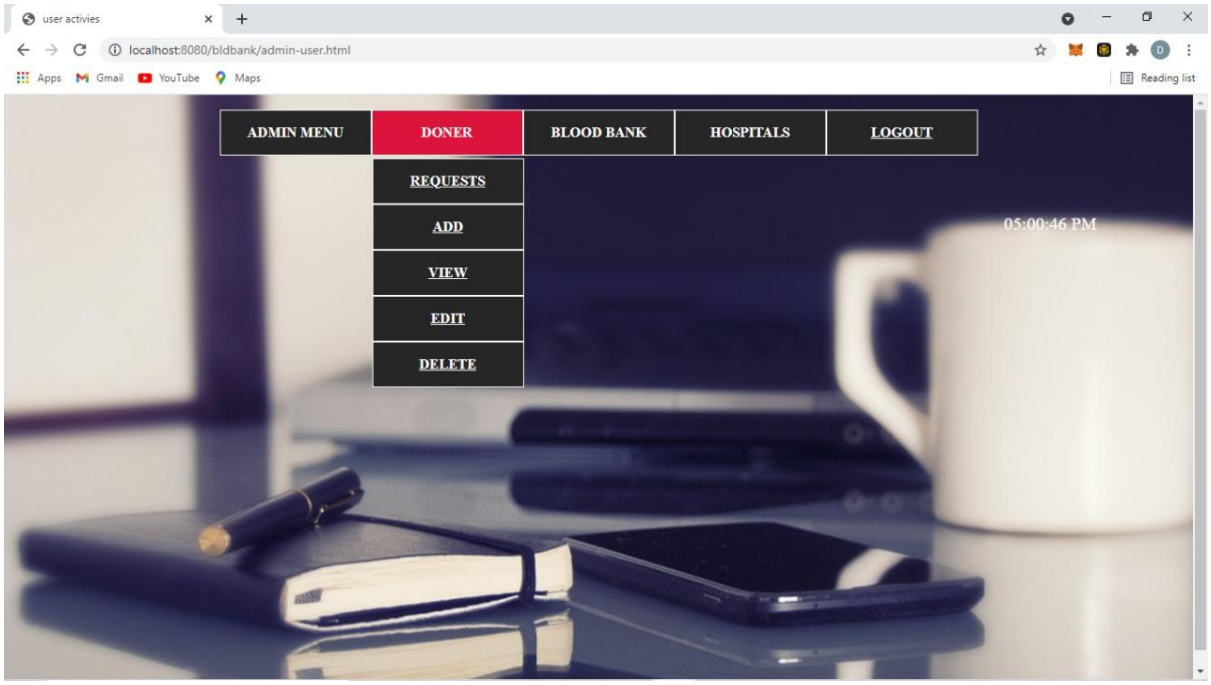
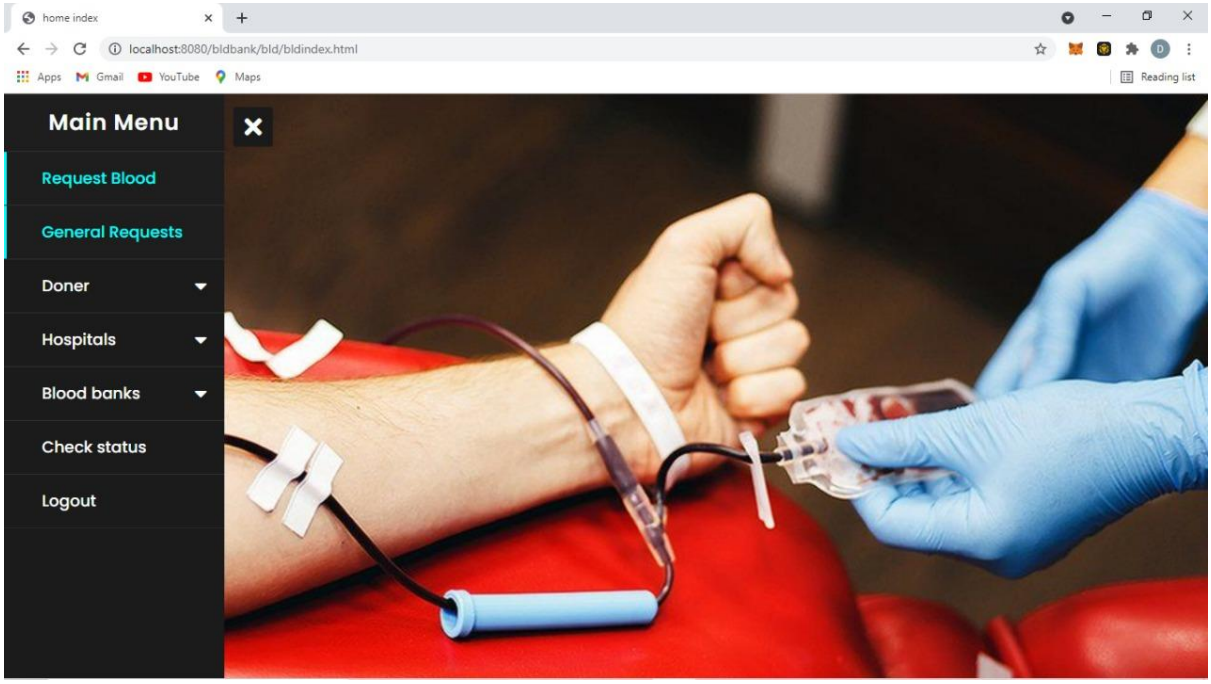
Information Details:



Main Menu:



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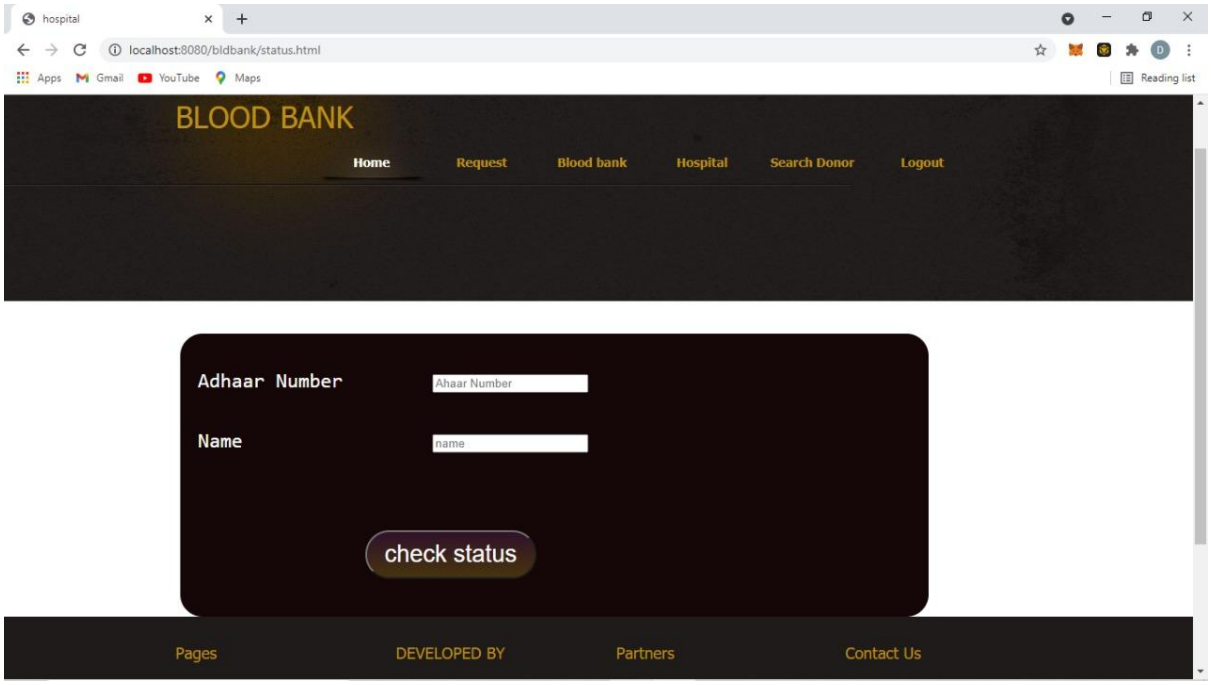
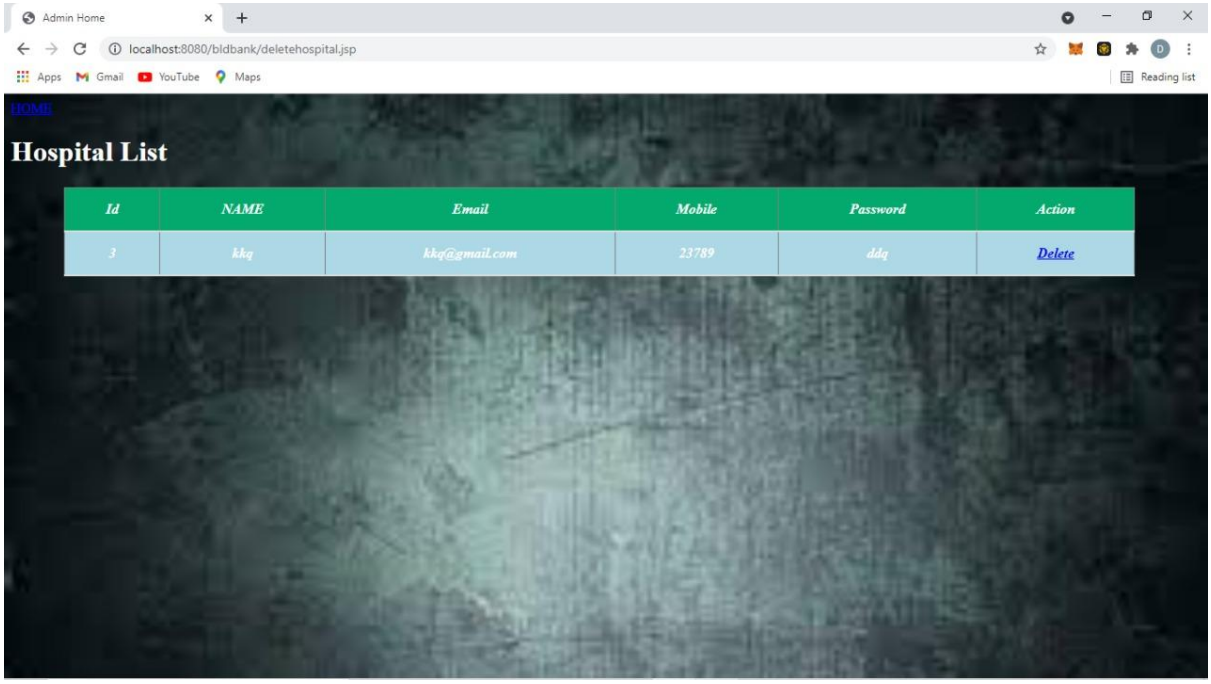
Blood Bank Details Form:



Hospital List:



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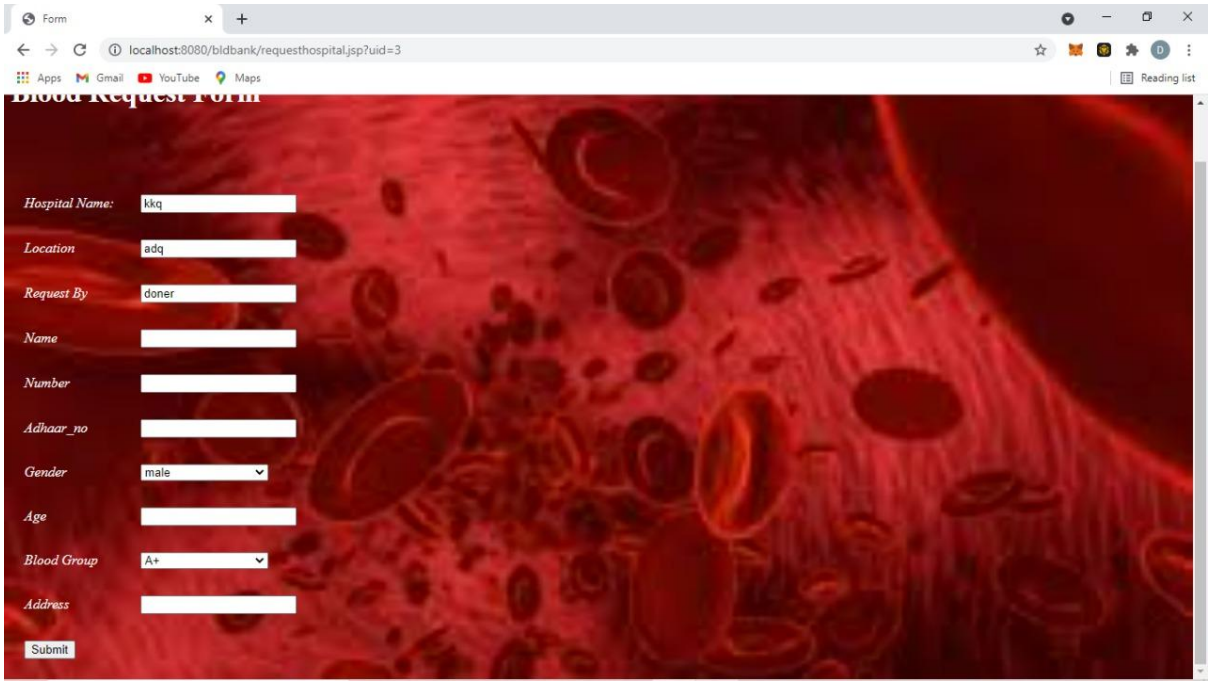
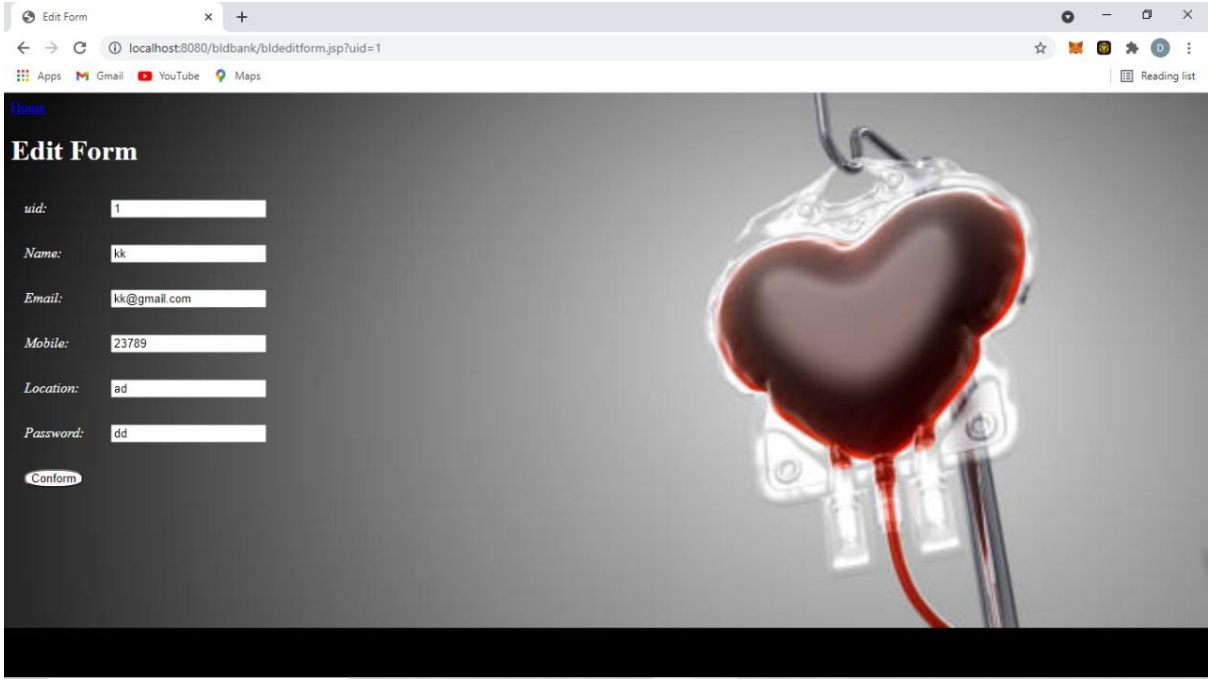
Blood Request Form:



Edit Form:



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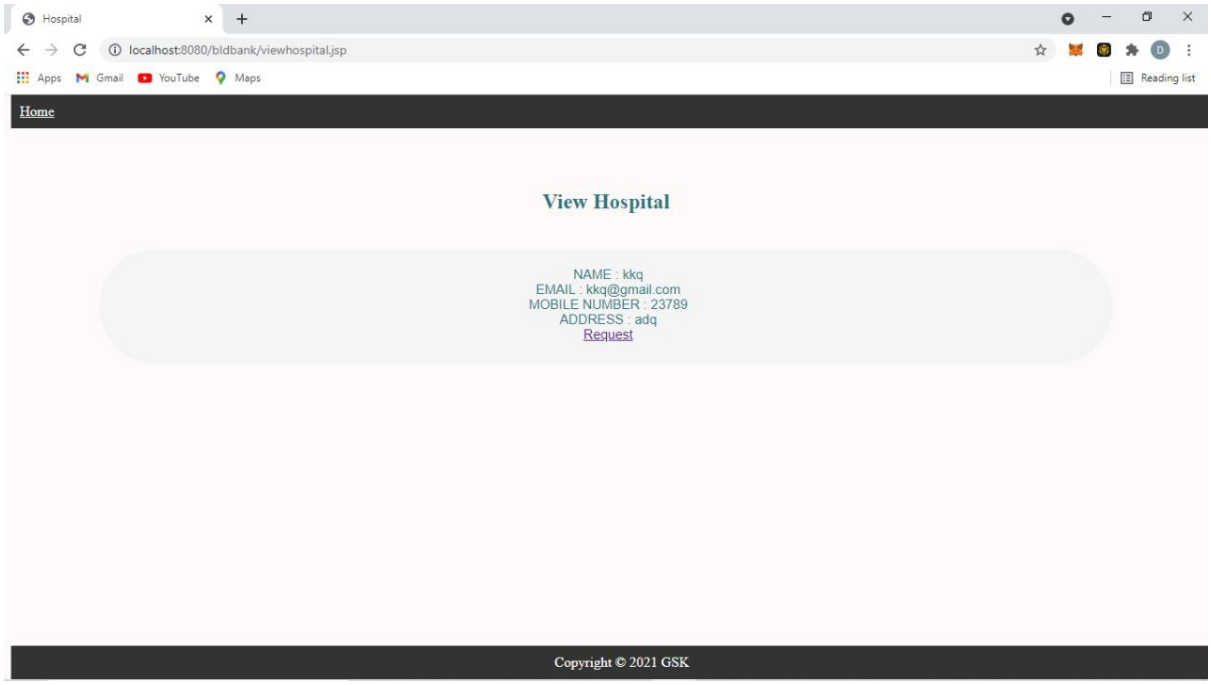
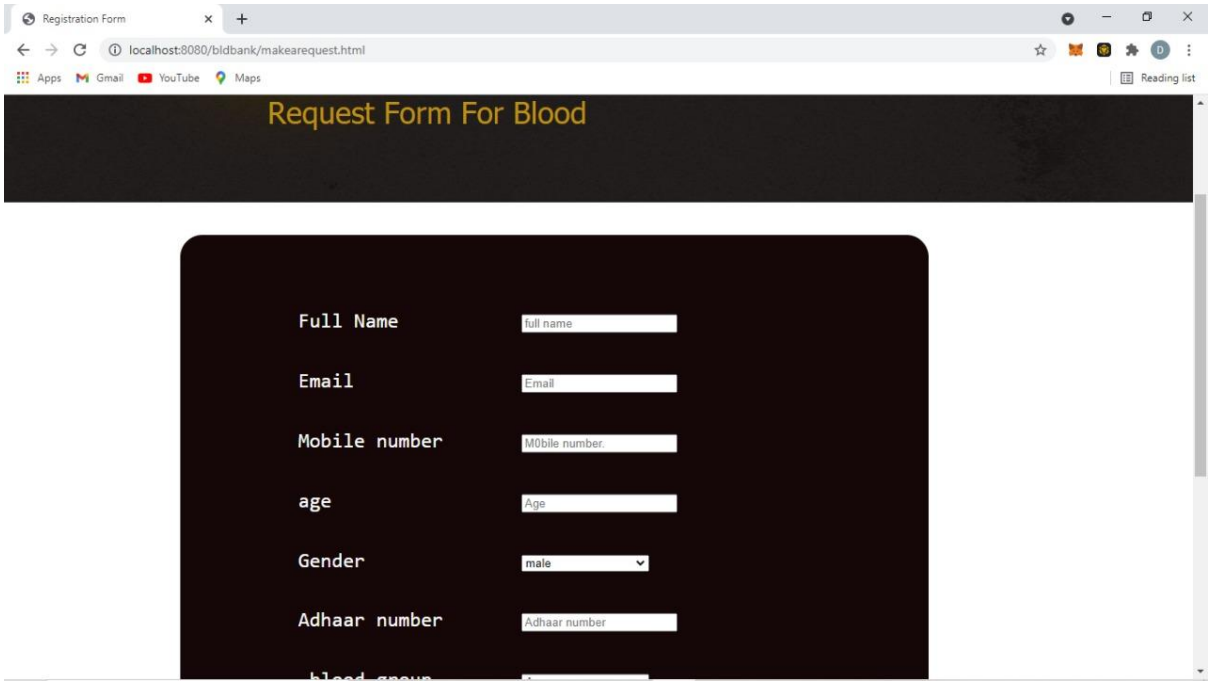
View Hospital:



Request Form for Blood:



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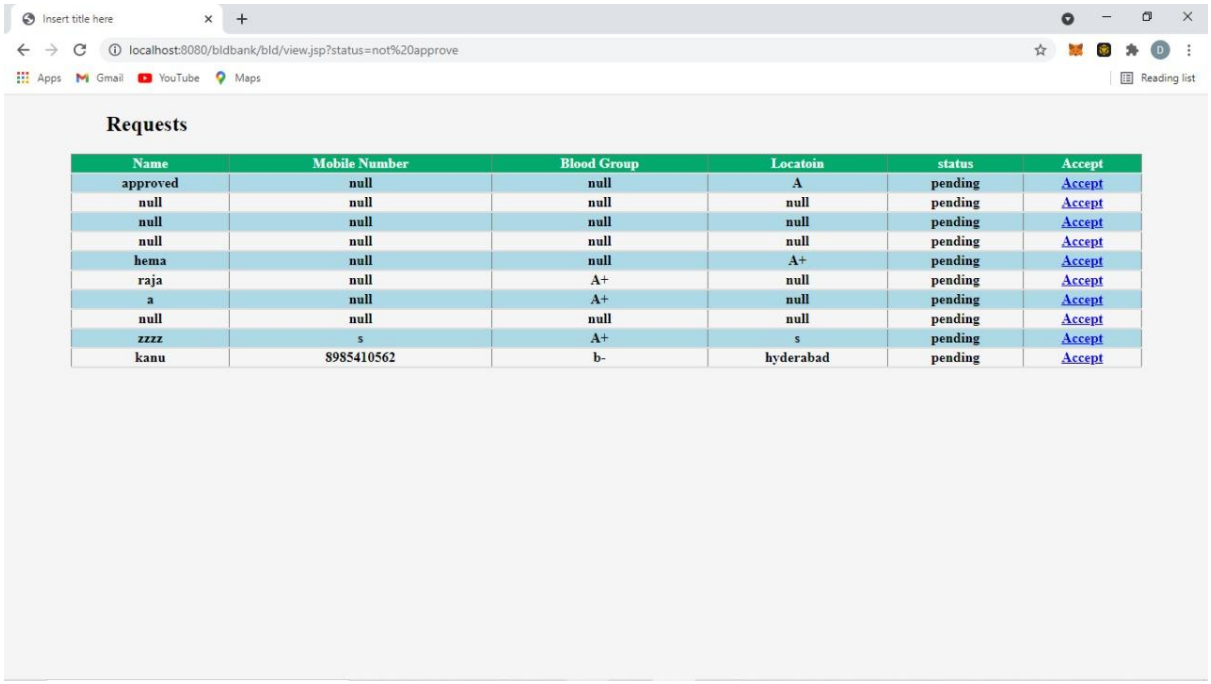
Request Blood Details:



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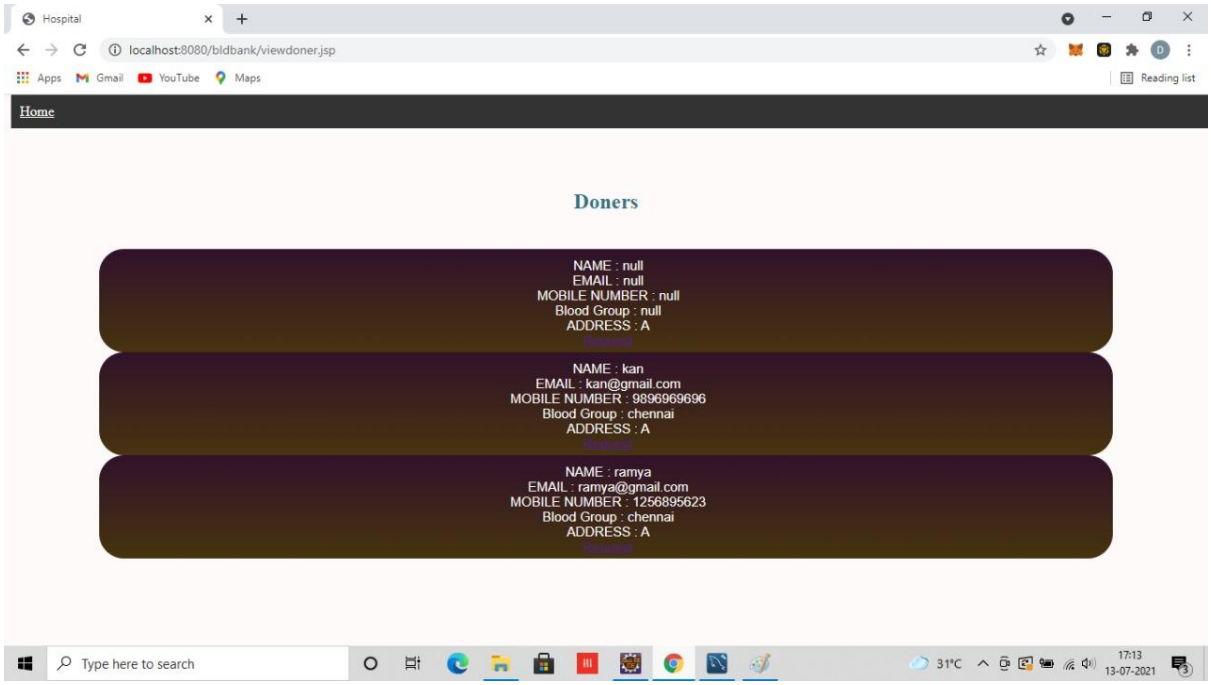
Person Doner Details: