Assignment -2

Assignment Date	19 September 2022
Student Name	Mr. NETRAMBAKA HARSHAVARDHAN REDDY
Student Roll Number	111519104089
Maximum Marks	2 Marks

Question-1:

1. Create a Flask App
2. Add the Home page, About Page
3. Add the Bootstrap
4. Add the Sign in page and add the Signup Page with database connectivity
5. Use IBM Db2 as Database **Solution:**

MAIN CODE:

MAIN CODE :

#imports for fileupload

from flask import Flask; from flask
import render_template

#created a flask application app =
Flask(_name_,template_folder='temp')

@app.route('/') def home(): return
render_template("welcome.html")
@app.route('/login') def sign_up():
return render_template("index.html")
@app.route('/signup') def sign_in():
return render_template("sigin.html")
@app.route('/about') def
about():

```
    return render_template("about.html")


# driver function if _name_
== '_main_':
app.run(debug = True)
```

WELCOME PAGE CODE:

```
body {

    background:       url('https://img.freepik.com/free-vector/clean-
medicalbackground_53876-97927.jpg?w=2000')      no-repeat center center
fixed;    -webkit-background-size: cover;
  -moz-background-size: cover;   -o-
background-size: cover;
background-size: cover;   minheight:
100%;   min-width:
100%;

  /* Set up proportionate scaling */
width: 100%;
  height: auto;

  /* Set up positioning */
position: fixed;   top: 0;
left: 0;
}




.form {   position:
center;   z-index: 1;
border-radius: 1px;
max-width: 360px;
margin: 0 ;
```

```
padding: 45px;
text-align: center;
}



.form input:focus {
  background: #dbdbdb;
}

.form button {   texttransform:
uppercase;    outline: 5;
background: skyblue;   width:
100%;   border-radius: 5px;
padding: 15px;   margin-left:
800px;   margin-top: 190px;
color: #FFFFFF;   font-size:
14px;   webkit-transition: all
0.3 ease;   transition: all 0.3
ease;   cursor:
pointer;

}
.form input {   outline:
0;   background: #f2f2f2;
width: 100%;   border:
0;   borderradius: 5px;
margin: 0 0 15px;
border: 2px white;
padding: 15px;   box-
sizing: border-box;
  font-size: 14px;
}
.para{

   justify-content: left;     alignitems:
left;     font-family:sansseriff;
```

```
font-size: 25px;     margin-left:
450px;
  }
  .h1{

    align-items: left;     fontfamily:sans-seriff;
font-size:
25px;     margin-left: 550px;
  }
```

ABOUT PAGE CODE :

```
body {   margin: 0;   font-family:
Helvetica, sans-serif;
  background-colon: #f4f4f4;
}

a {   color:
#000;
}

/* header */

.header {   background-color: #fff;   boxshadow:
1px 1px 4px 0 rgba(0,0,0,.1);
  position: fixed;
width: 100%;   z-index:
3;
}

.header ul {
margin: 0;
padding: 0;
liststyle: none;
overflow: hidden;
  background-color: #fff;
}
```

```
.header li a {   display: block;
padding: 20px 20px;   borderright:
1px solid #f4f4f4;
  text-decoration: none;
}

.header li a:hover, .header .menu-
btn:hover {
background-color: #f4f4f4;
}

.header .logo {
display: block;    float:
left;   font-size:
2em;   padding: 10px 20px;
text-decoration:
none;
}

/* menu */

.header .menu {
clear: both;
maxheight: 0;
  transition: max-height .2s ease-out;
}

/* menu icon */

.header .menu-icon {
cursor: pointer;
display: inline-block;
float: right;   padding:
28px 20px;   position:
relative;   user-select:
none;
}
```

```
.header .menu-icon .navicon {
background: #333;   display: block;
height: 2px;   position: relative;
transition: background .2s ease-out;
width: 18px;
}

.header .menu-icon .navicon:before,
.header .menu-icon .navicon:after {
background: #333;   content: '';
display: block;   height: 100%;
position: absolute;   transition: all
.2s ease-out;   width: 100%;
}

.header .menu-icon .navicon:before {
  top: 5px;
}

.header .menu-icon .navicon:after {
  top: -5px;
}

/* menu btn */

.header .menu-btn {
  display: none;
}

.header .menu-btn:checked ~ .menu {
  max-height: 240px;
}
.header .menu-btn:checked ~ .menu-icon .navicon { background:
  transparent;
}
```

```
.header .menu-btn:checked ~ .menu-icon .navicon:before {  transform: rotate(-
45deg);
}
.header .menu-btn:checked ~ .menu-icon .navicon:after {
transform: rotate(45deg);
}
.header .menu-btn:checked ~ .menu-icon:not(.steps) .navicon:before,
.header .menu-btn:checked ~ .menu-icon:not(.steps) .navicon:after {
top: 0;
}

/* 48em = 768px */

@media (min-width: 48em) {
  .header li {
    float: left;
  }
  .header li a {
padding: 20px 30px;
  }
  .header .menu {
clear: none;
    float: right;     max-
height: none;
  }
  .header .menu-icon {
display: none;
  }
}
*, *:before, *:after { box-sizing: border-box; }


.wrapper {   maxwidth:
100%;
  width: 600px;
  margin: 0 auto;  }
```

INDEX PAGE CODE :

```
body {     margin: 0;     font-family:
Helvetica, sans-serif;
background-color: #f4f4f4;
 }

 a {     color:
#000;
 }

 /* header */

 .header {     background-color: #fff;
boxshadow: 1px 1px 4px 0 rgba(0,0,0,.1);
position: fixed;     width: 100%;     z-index:
3;
 }

 .header ul {     margin:
0;     padding: 0;
liststyle: none;
overflow: hidden;
backgroundcolor: #fff;
 }

 .header li a {     display: block;
padding:          20px          20px;
borderright: 1px solid #f4f4f4;
textdecoration: none;
 }

 .header li a:hover,
 .header .menu-btn:hover {     backgroundcolor:
#f4f4f4;
 }
```

```
 .header .logo {
display: block;     float:
left;    font-size:
2em;    padding: 10px
20px;    text-decoration:
none;
 }

 /* menu */

 .header .menu {
clear: both;
maxheight: 0;
   transition: max-height .2s ease-out;
 }

 /* menu icon */

 .header .menu-icon {
cursor: pointer;
display: inline-block;
float: right;    padding:
28px 20px;    position:
relative;
   user-select: none;
 }

 .header .menu-icon .navicon {
background: #333;    display: block;
height: 2px;    position: relative;
transition: background .2s ease-out;
width: 18px;
 }

 .header .menu-icon .navicon:before,  .header .menu-icon .navicon:after {
 background: #333;    content: '';    display: block;    height: 100%;    position:
 absolute;    transition: all
.2s ease-out;
```

```
  width: 100%;
 }

 .header .menu-icon .navicon:before {
  top: 5px;
 }

 .header .menu-icon .navicon:after {
  top: -5px;
 }

 /* menu btn */

 .header .menu-btn {
  display: none;
 }

 .header .menu-btn:checked ~ .menu {
  max-height: 240px;
 }
 .header .menu-btn:checked ~ .menu-icon .navicon {
background: transparent;
 }
 .header .menu-btn:checked ~ .menu-icon .navicon:before {
transform: rotate(-45deg);
 }

 .header .menu-btn:checked ~ .menu-icon .navicon:after {
  transform: rotate(45deg);
 }
 .header .menu-btn:checked ~ .menu-icon:not(.steps) .navicon:before,  .header
 .menu-btn:checked ~ .menu-icon:not(.steps) .navicon:after {     top: 0;
 }

 /* 48em = 768px */

 @media (min-width: 48em) {
```

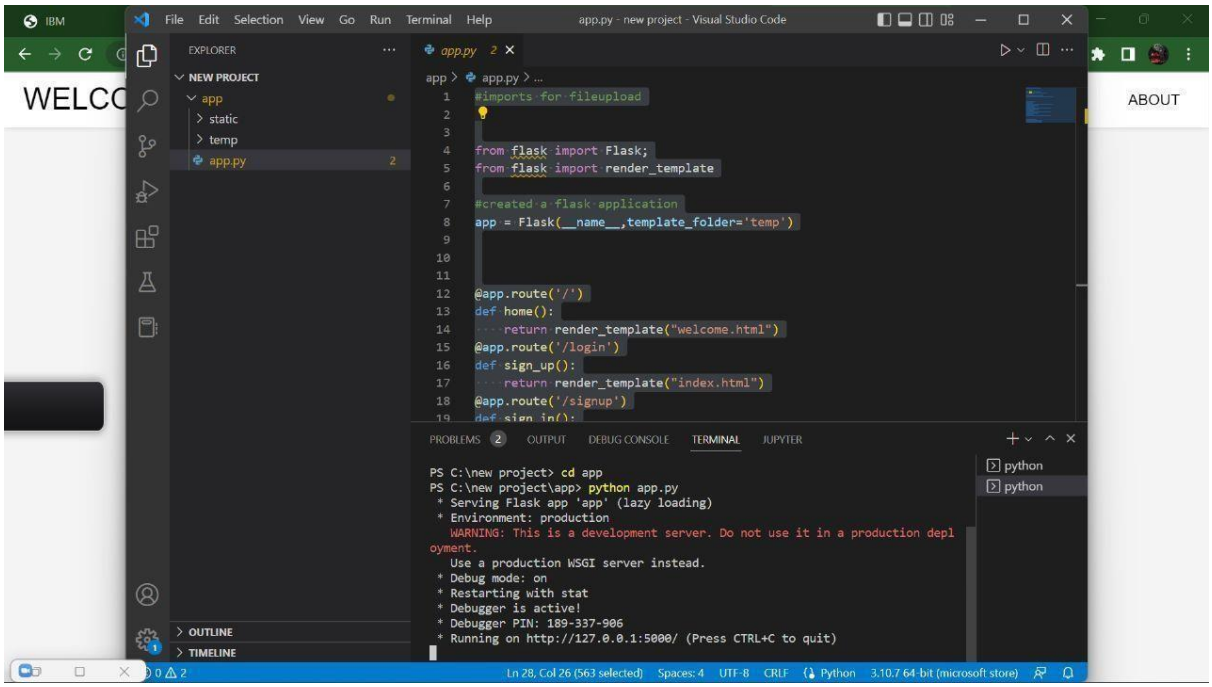
```
   .header li {
     float: left;
   }
   .header li a {
padding: 20px 30px;
   }
   .header .menu {
clear: none;       float:
right;
     max-height: none;
   }
   .header .menu-icon {
display: none;
   }
  }


@import url(https://fonts.googleapis.com/css?family=Roboto:300);

.login-page {

  width: 360px;
padding: 8% 0 0;
  margin: auto;
}
.form {   position:
relative;   z-index: 1;
background: #FFFFFF;
max-width: 360px;
margin: 0 auto 100px;
padding: 45px; textalign:
center;
  box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
}
.form input {
  font-family: "Roboto", sans-serif;
```

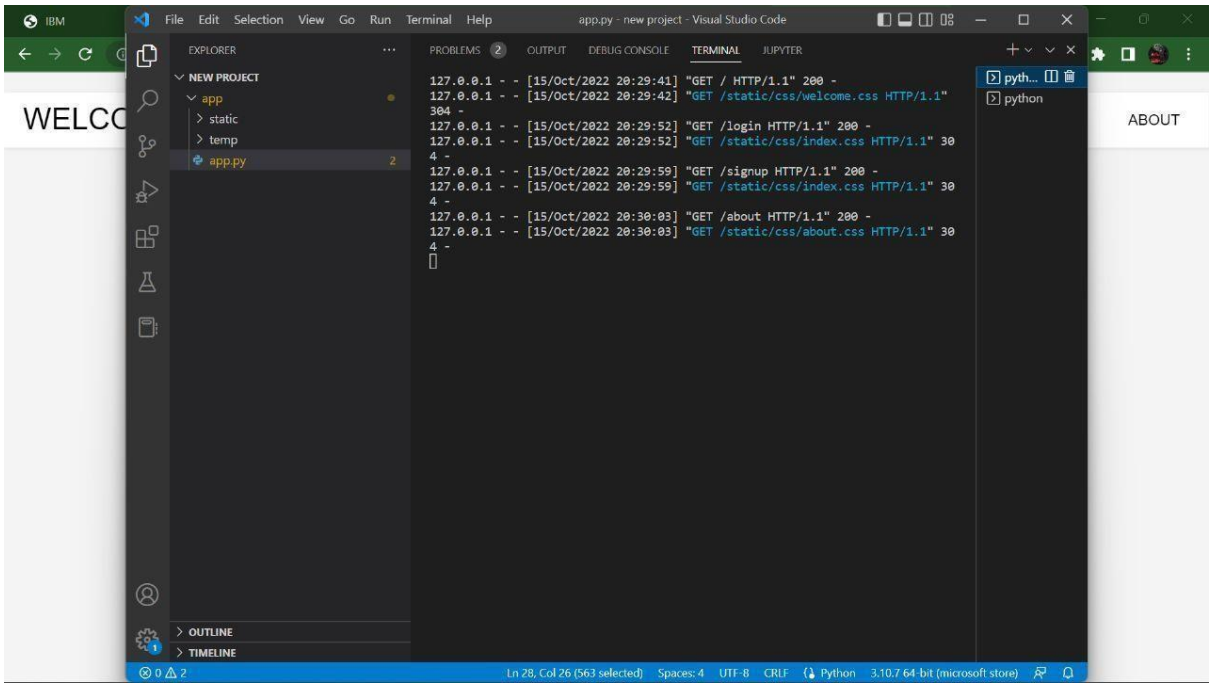
```
 outline: 0;
background: #f2f2f2;
width: 100%;  border:
0;  margin: 0 0 15px;
padding: 15px;
boxsizing: border-box;
 font-size: 14px;
}
.form button {  font-family:
"Roboto", sans-serif;  texttransform:
uppercase;  outline: 0;  background:
#363636;  width:
100%;  border: 0;  padding:
15px;  color: #FFFFFF;  font-size:
14px;
 -webkit-transition: all 0.3 ease;
transition: all 0.3 ease;
 cursor: pointer;
}
.form button:hover,.form button:active,.form button:focus {
background: #4F4F4F;
}
.form .message {
margin: 15px 0 0;  color:
#b3b3b3;  font-
size: 12px;
}
.form .message a {
color: #4F4F4F;
textdecoration: none;
}
.form .register-form {
display: none;
}
.container {
position: relative;
 z-index: 1;  maxwidth:
300px;
```

```
  margin: 0 auto;
}
.container:before, .container:after {
  content: "";
display: block;
  clear: both;
}
.container .info {
margin: 50px auto;
text-align: center;
}
.container .info h1 {
margin: 0 0 15px;
padding: 0;   font-size:
36px;   font-weight:
300;   color: #1a1a1a;
}
.container .info span {
color: #4d4d4d;
  font-size: 12px;
}
.container .info span a {
color: #000000;
  text-decoration: none;
}
.container .info span .fa {
  color: black;
}
body {
background-image:          url("http://dallevas.com/site/wp-
content/uploads/2013/12/Black-Background-Pattern.jpg");
background-size:100% 100%; -webkit-background-size: 100%
100%;
-o-background-size: 100% 100%;
-khtml-background-size: 100% 100%;
-moz-background-size: 100% 100%;
}
```

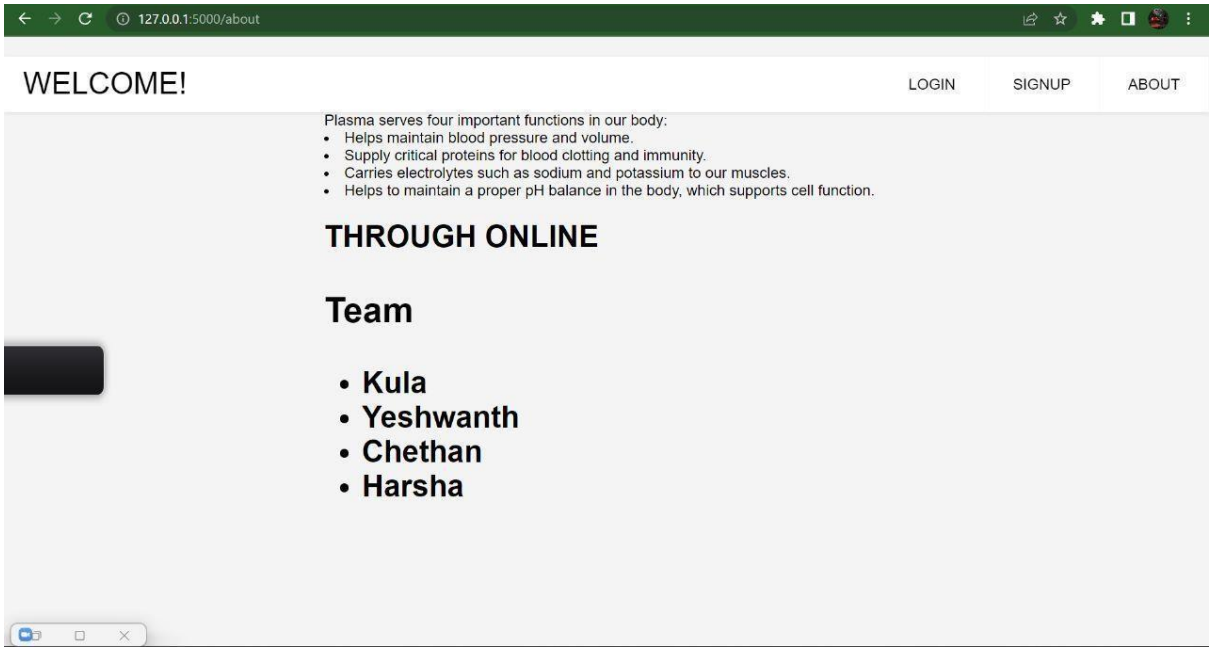
OUTPUT :

CREATE FLASK APP :

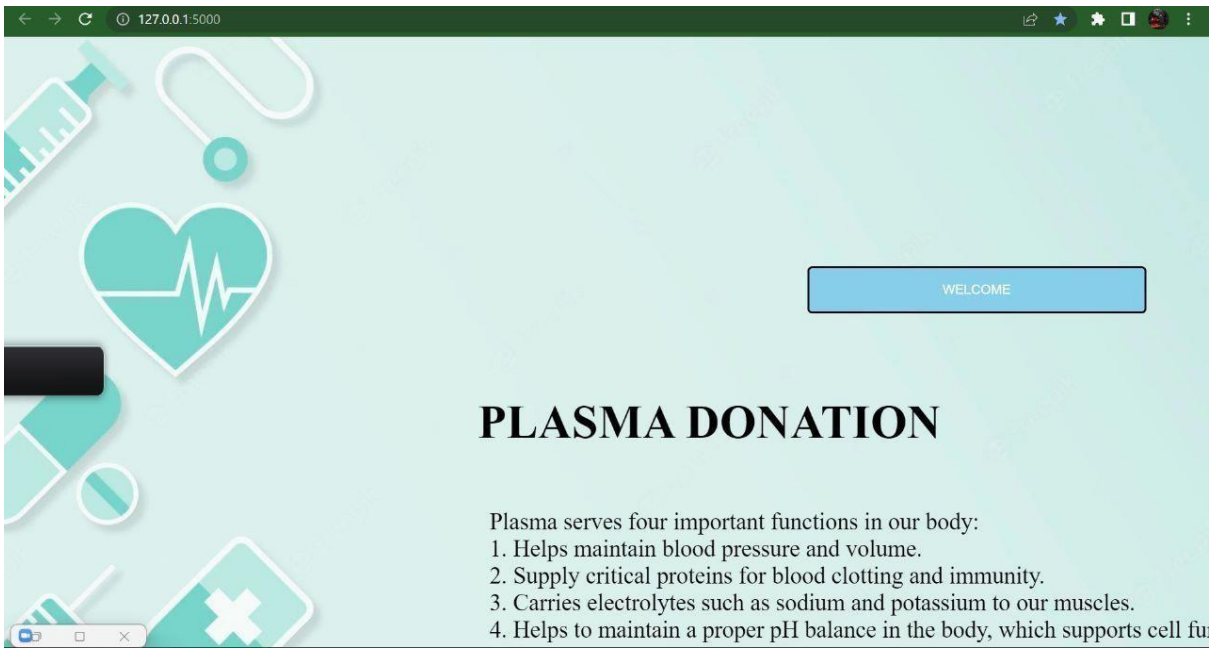




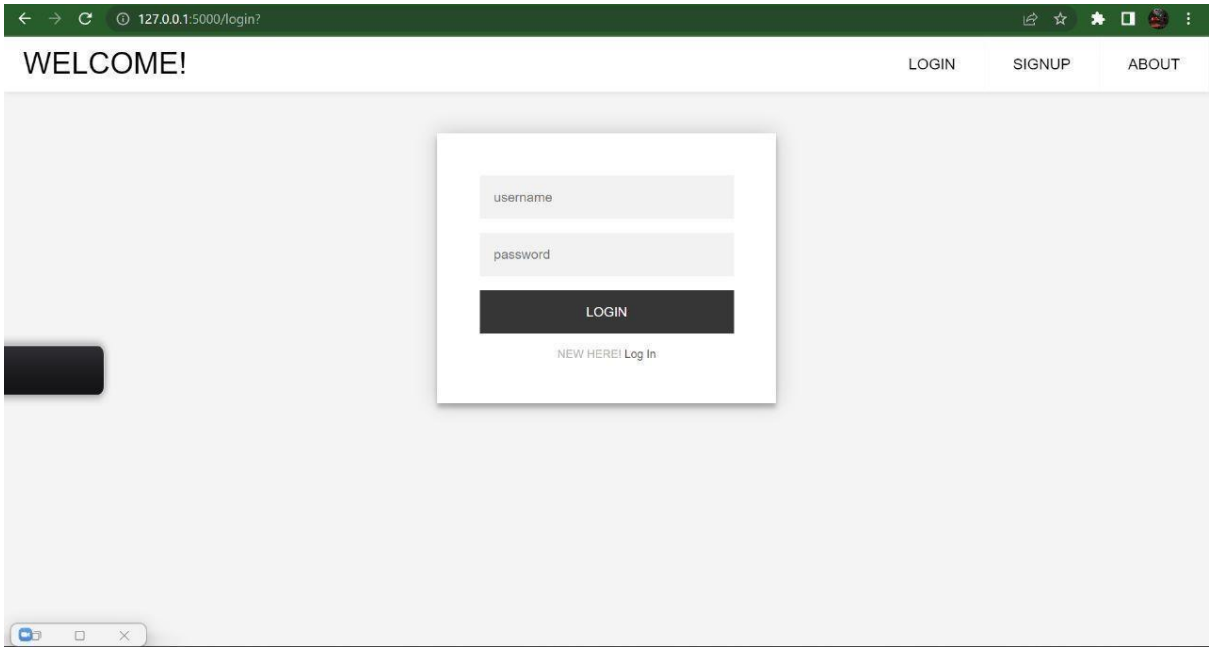
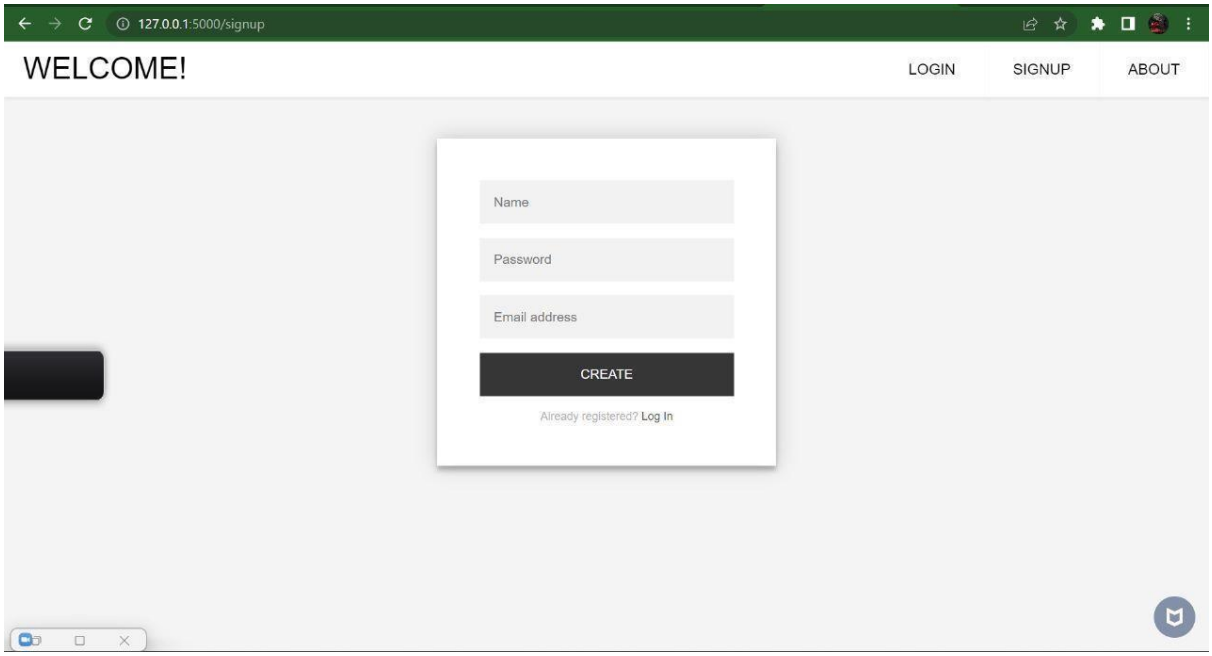
HOME PAGE:


127.0.0.1:5000/about
WELCOME!
LOGIN
SIGNUP
ABOUT
Plasma serves four important functions in our body:
Helps maintain blood pressure and volume.
Supply critical proteins for blood clotting and immunity.
Carries electrolytes such as sodium and potassium to our muscles.
Helps to maintain a proper pH balance in the body, which supports cell function.
THROUGH ONLINE
Team
Kula
Yeshwanth
Chethan
Harsha

ABOUT PAGE:


127.0.0.1:5000
WELCOME
PLASMA DONATION
Plasma serves four important functions in our body:
1. Helps maintain blood pressure and volume.
2. Supply critical proteins for blood clotting and immunity.
3. Carries electrolytes such as sodium and potassium to our muscles.
4. Helps to maintain a proper pH balance in the body, which supports cell fu

SIGN IN PAGE:



SIGN UP: