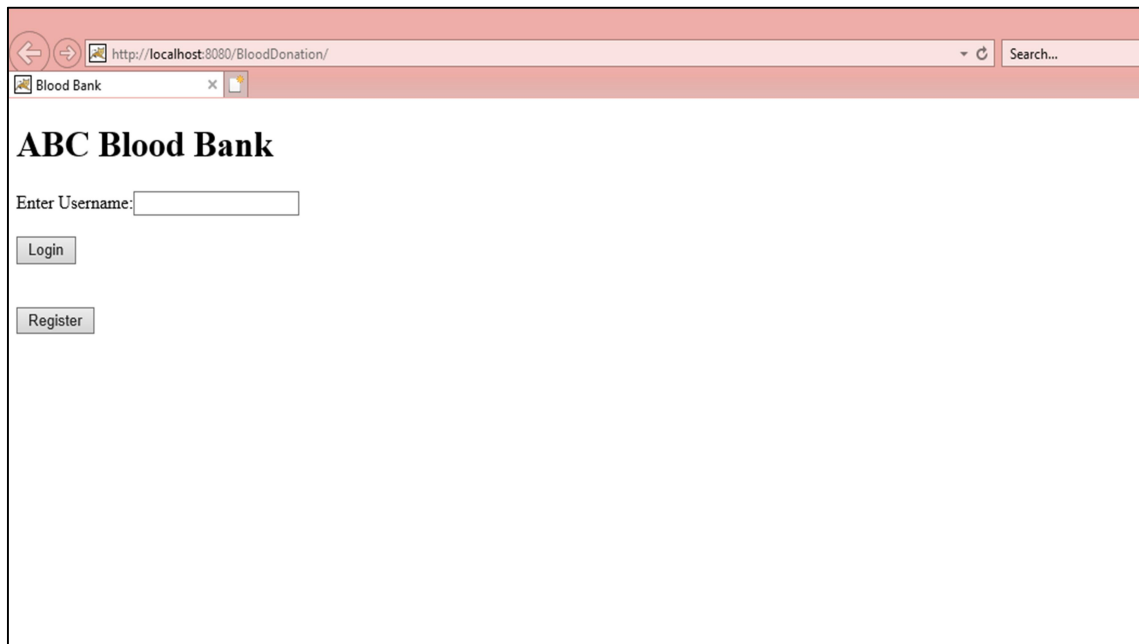


Blood Bank Application

- Java Server Faces [JSF] -

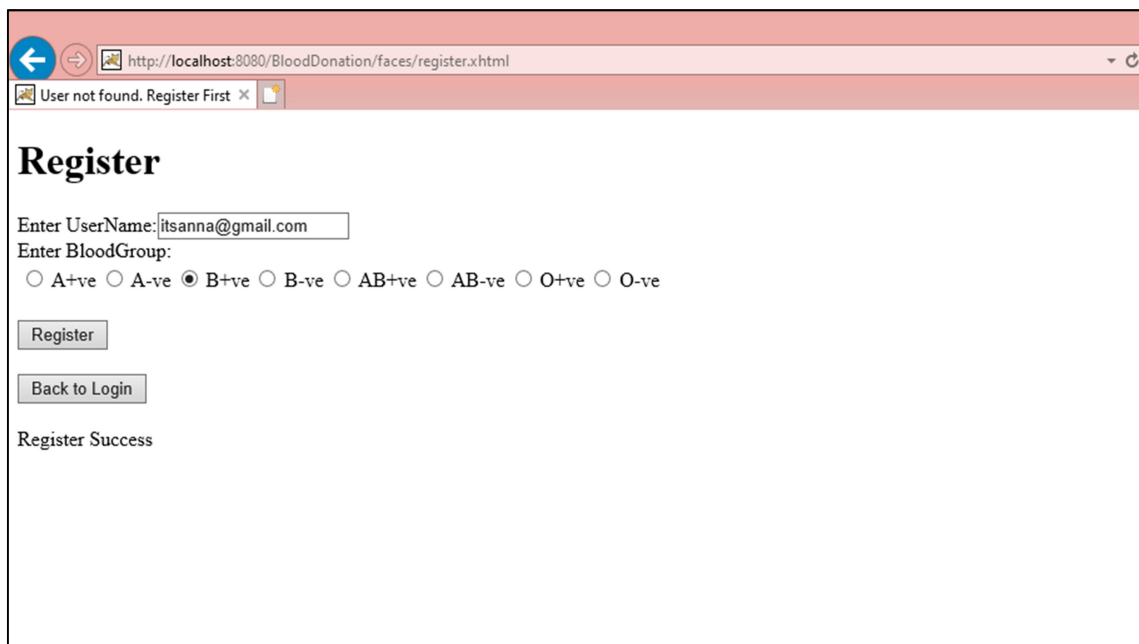
Monashree K (2019115055)

* Output - Main page



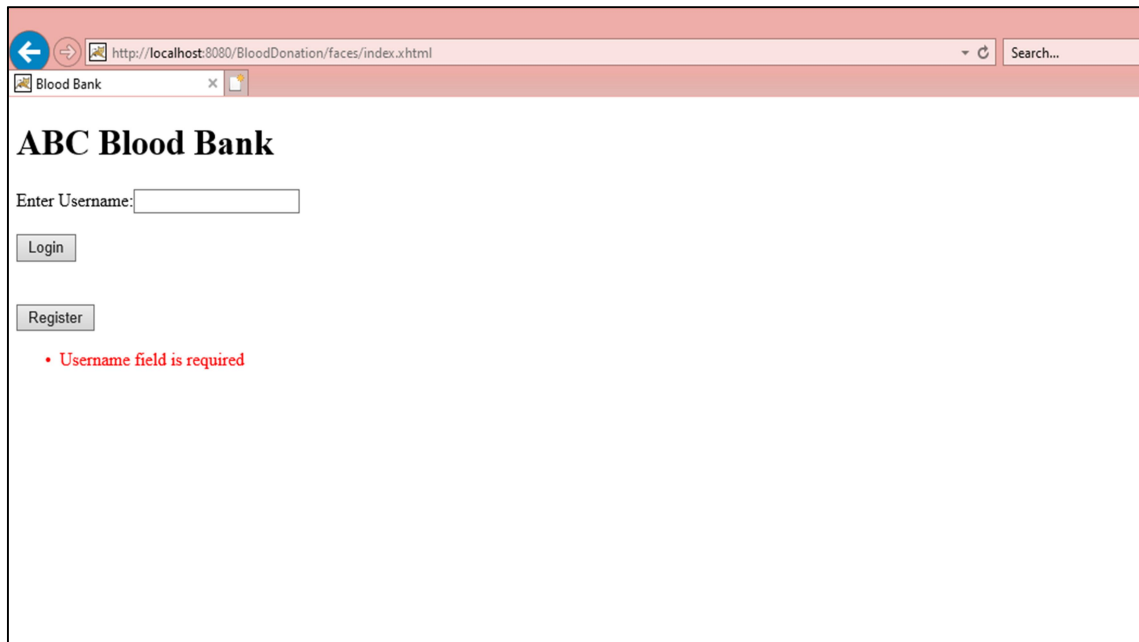
A screenshot of a web browser displaying the 'ABC Blood Bank' main page. The browser's address bar shows 'http://localhost:8080/BloodDonation/'. The page has a title bar 'Blood Bank' and a search bar. The main content area features the heading 'ABC Blood Bank', followed by a form with the label 'Enter Username:' and an input field. Below the input field are two buttons: 'Login' and 'Register'.

Register page



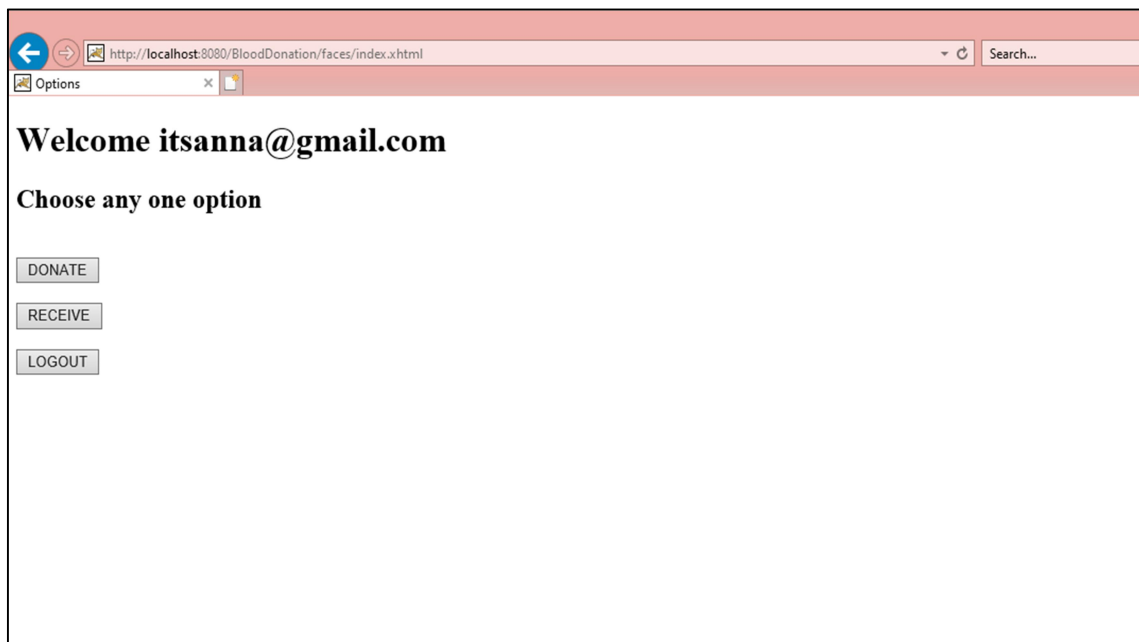
A screenshot of a web browser displaying the 'Register' page. The browser's address bar shows 'http://localhost:8080/BloodDonation/faces/register.xhtml'. The page has a title bar 'User not found. Register First' and a search bar. The main content area features the heading 'Register', followed by a form with the label 'Enter UserName:' and an input field containing 'itsanna@gmail.com'. Below the input field is the label 'Enter BloodGroup:' followed by a row of radio buttons for blood types: A+ve, A-ve, B+ve (selected), B-ve, AB+ve, AB-ve, O+ve, and O-ve. Below the radio buttons are two buttons: 'Register' and 'Back to Login'. At the bottom of the page, the text 'Register Success' is displayed.

Main page – username is required



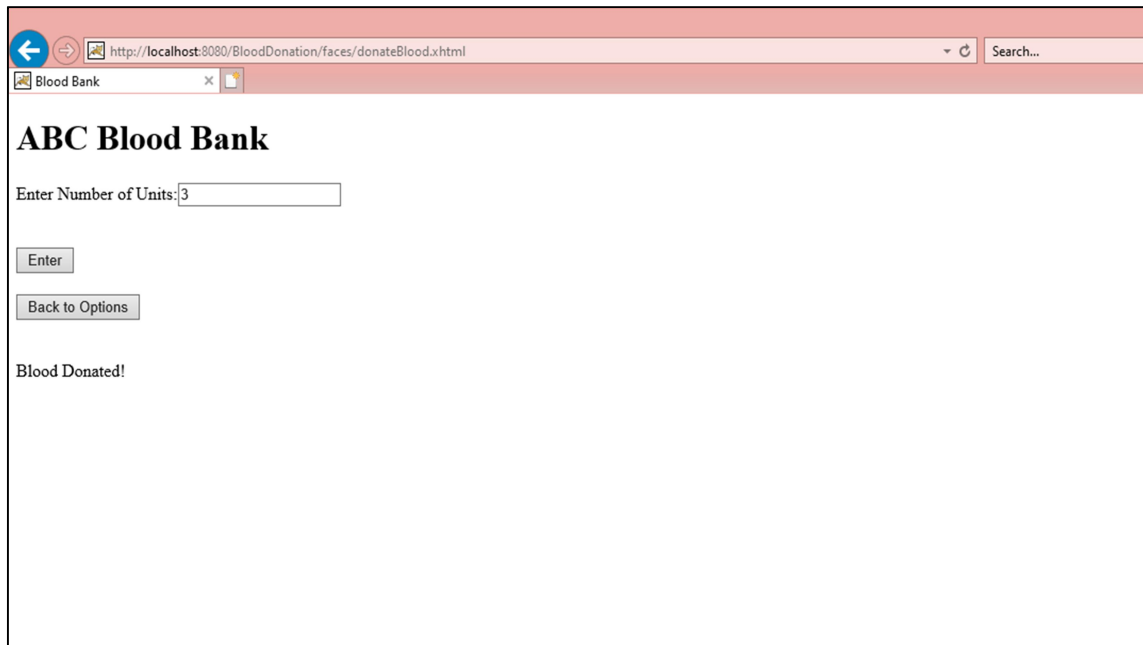
A screenshot of a web browser window displaying the 'ABC Blood Bank' main page. The browser's address bar shows 'http://localhost:8080/BloodDonation/faces/index.xhtml'. The page title is 'Blood Bank'. The main content area features the heading 'ABC Blood Bank' in a large, bold, black serif font. Below the heading is a form with the label 'Enter Username:' followed by a text input field. Underneath the input field are two buttons: 'Login' and 'Register'. A red error message, '• Username field is required', is displayed below the buttons. The browser window includes standard navigation buttons (back, forward, search) and a search bar in the top right corner.

Options page



A screenshot of a web browser window displaying the 'Options' page. The browser's address bar shows 'http://localhost:8080/BloodDonation/faces/index.xhtml'. The page title is 'Options'. The main content area features a welcome message, 'Welcome itsanna@gmail.com', in a large, bold, black serif font. Below the welcome message is the instruction 'Choose any one option' in a bold, black serif font. Underneath this instruction are three buttons: 'DONATE', 'RECEIVE', and 'LOGOUT'. The browser window includes standard navigation buttons (back, forward, search) and a search bar in the top right corner.

1. DONATE BLOOD



ABC Blood Bank

Enter Number of Units:

Blood Donated!

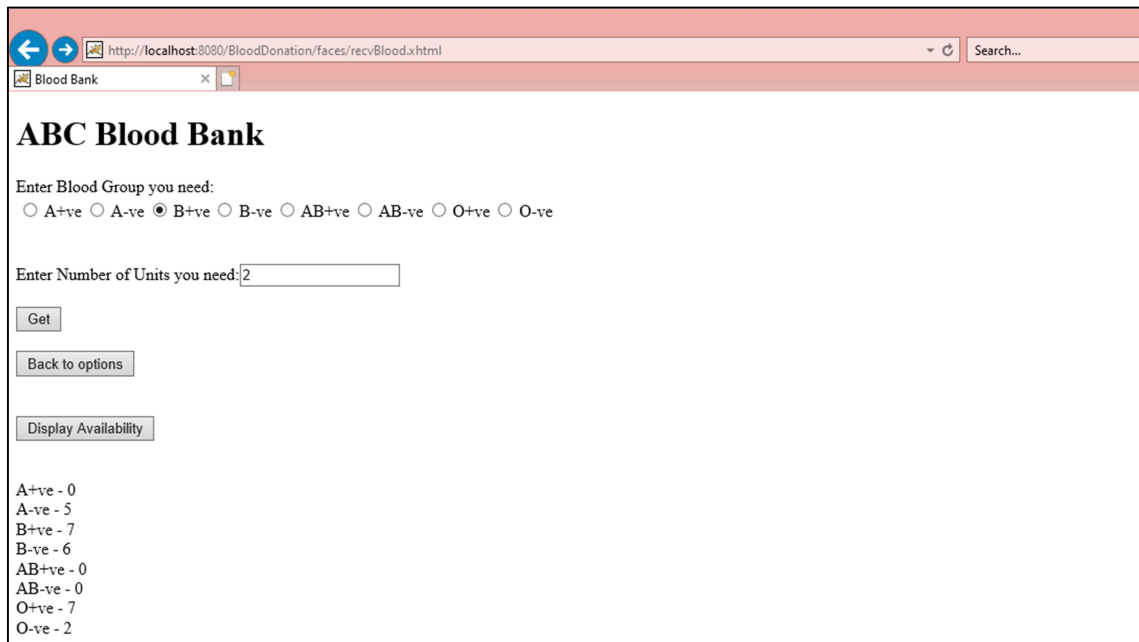
Database

```
MariaDB [blood]> select *from donors;
+-----+-----+-----+
username | bgroup | unit |
+-----+-----+-----+
Mona     | B+ve   | 12   |
itsanna@gmail.com | B+ve   | 3    |
itseisa@gmail.com | B-ve   | 6    |
remi@gmail.com    | A-ve   | 5    |
krish@gmail.com   | O-ve   | 2    |
abi@gmail.com     | O+ve   | 7    |
+-----+-----+-----+
5 rows in set (0.001 sec)

MariaDB [blood]> select * from avail;
+-----+-----+
bgroup | unit |
+-----+-----+
A+ve   | 0    |
A-ve   | 5    |
B+ve   | 7    |
B-ve   | 6    |
AB+ve  | 0    |
AB-ve  | 0    |
O+ve   | 7    |
O-ve   | 2    |
+-----+-----+
8 rows in set (0.000 sec)

MariaDB [blood]>
```

2. RECEIVE BLOOD



ABC Blood Bank

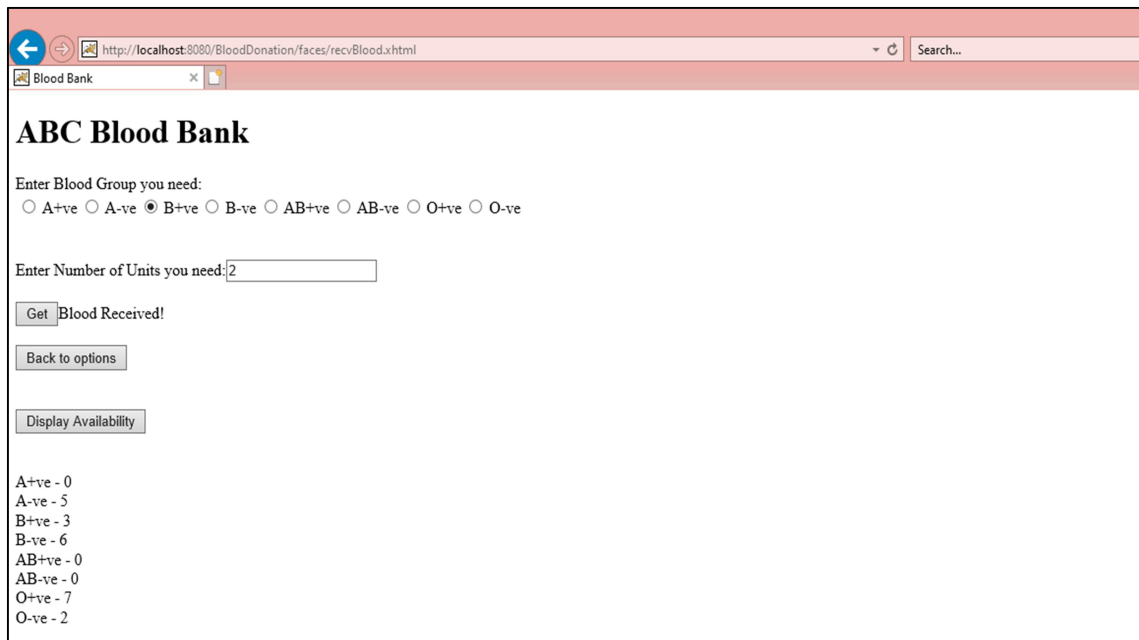
Enter Blood Group you need:

☐ A+ve ☐ A-ve ☒ B+ve ☐ B-ve ☐ AB+ve ☐ AB-ve ☐ O+ve ☐ O-ve

Enter Number of Units you need:

A+ve - 0
A-ve - 5
B+ve - 7
B-ve - 6
AB+ve - 0
AB-ve - 0
O+ve - 7
O-ve - 2

Display Availability – displayed from database



ABC Blood Bank

Enter Blood Group you need:

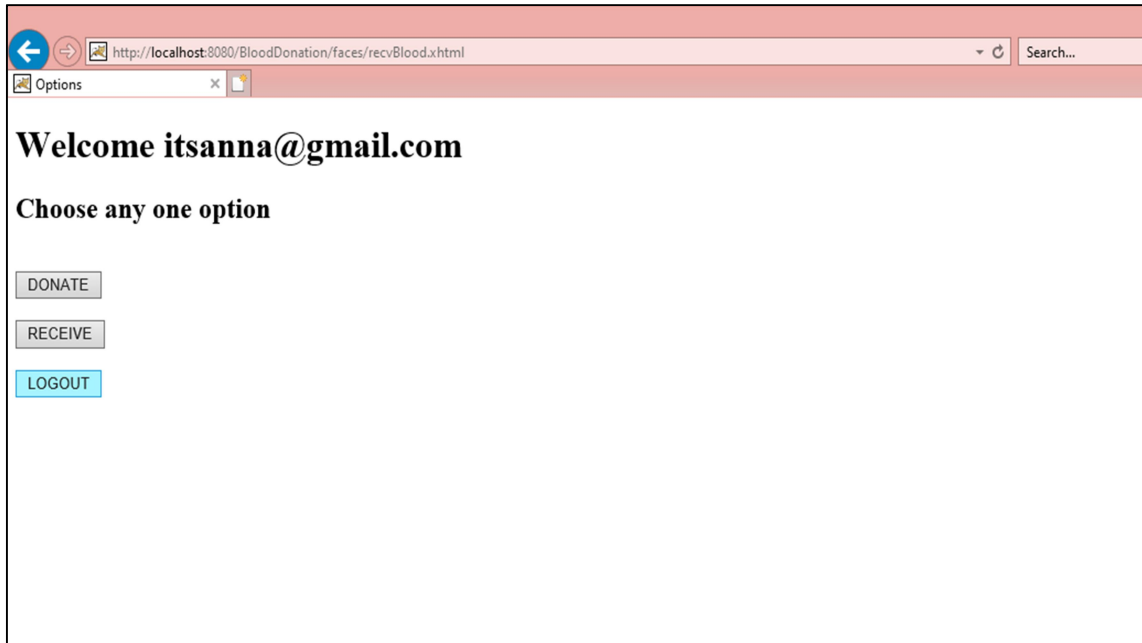
☐ A+ve ☐ A-ve ☒ B+ve ☐ B-ve ☐ AB+ve ☐ AB-ve ☐ O+ve ☐ O-ve

Enter Number of Units you need:

Blood Received!

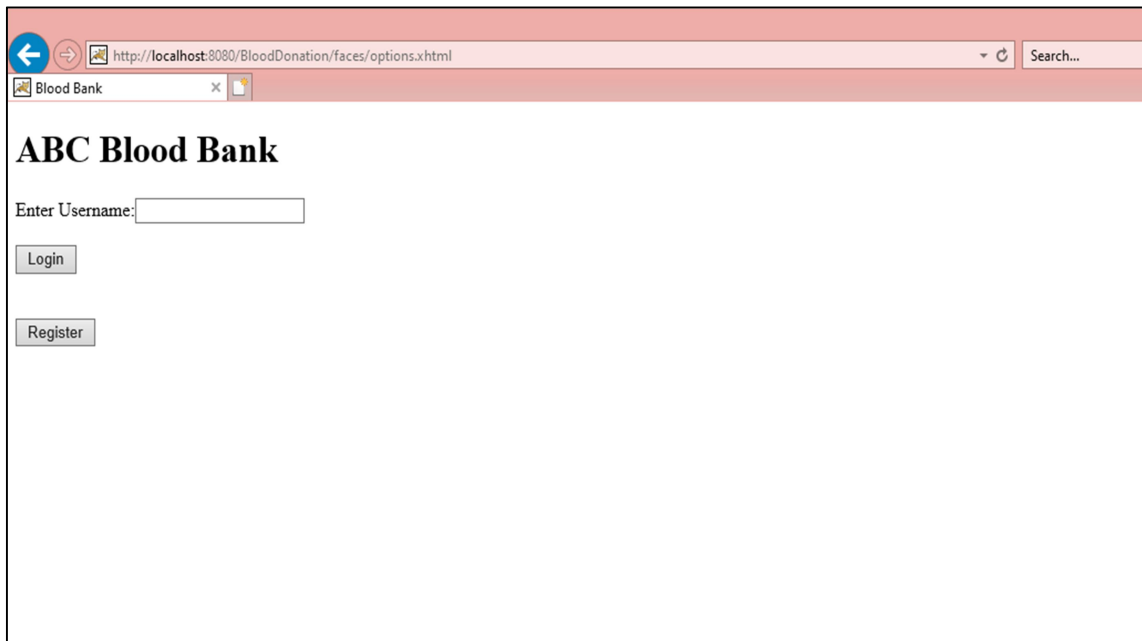
A+ve - 0
A-ve - 5
B+ve - 3
B-ve - 6
AB+ve - 0
AB-ve - 0
O+ve - 7
O-ve - 2

3. LOGOUT



A screenshot of a web browser window. The address bar shows the URL `http://localhost:8080/BloodDonation/faces/recvBlood.xhtml`. The browser tab is titled 'Options'. The page content includes a welcome message **Welcome itsanna@gmail.com**, followed by the instruction **Choose any one option**. Below this, there are three buttons: 'DONATE' (grey), 'RECEIVE' (grey), and 'LOGOUT' (blue).

Back to Main page



A screenshot of a web browser window. The address bar shows the URL `http://localhost:8080/BloodDonation/faces/options.xhtml`. The browser tab is titled 'Blood Bank'. The page content includes the title **ABC Blood Bank**, followed by a login section with the text 'Enter Username:' and an input field. Below the input field are two buttons: 'Login' (grey) and 'Register' (grey).