

PLASMA DONOR APPLICATION

SPRINT - 2

TEAM ID: PNT2022TMID53106

MEMBERS: Arandeep Singh, SA Madhulica, Srivatsan S, Vaibhav Pandey

CODE: Uploaded in GitRepo

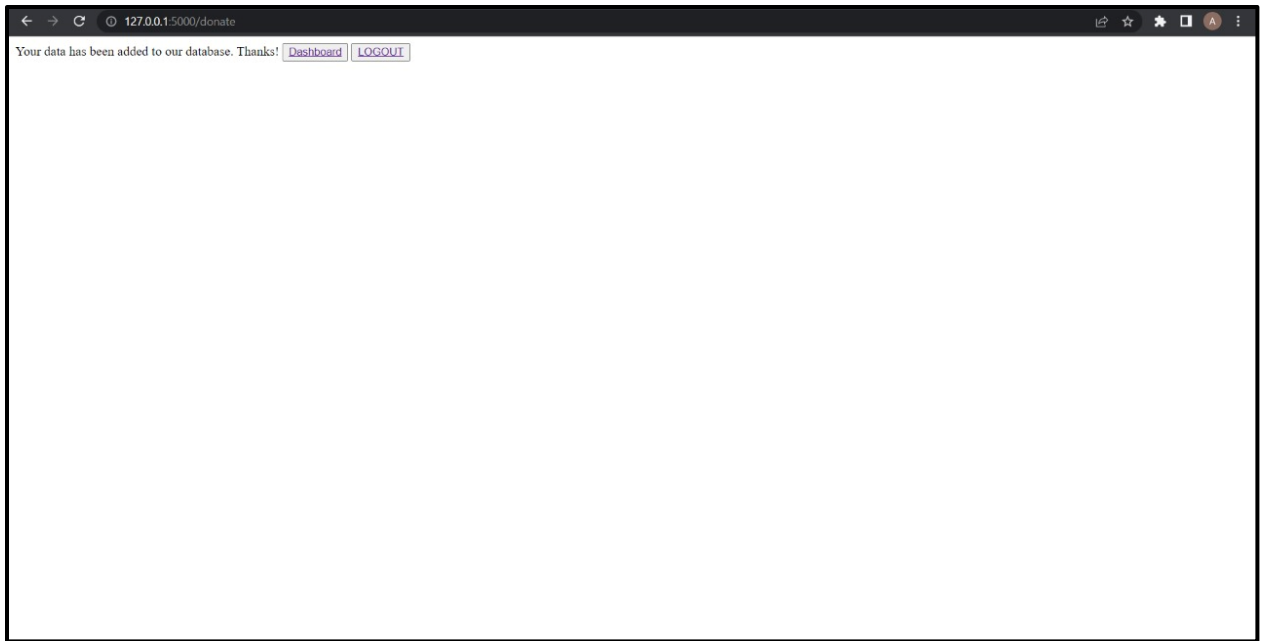
DESCRIPTION OF USN AND SCREENSHOTS:

1. USN - 1: As a user, I can register as a donor and my details will be stored in database for suitable match as and when required.



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000/donate'. The page title is 'Register for Donation'. The form contains the following fields and buttons:

- Email: 'Try1@gmail.com'
- Username: 'try1'
- Phone Number: '1234567'
- Blood Type: 'B+' (selected from a dropdown menu)
- First Name: 'In'
- Submit Button
- Logout Button
- Dashboard Button



Data updated in database.

A screenshot of the IBM Db2 on Cloud console. The interface shows a navigation menu on the left with options like 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' section is active, displaying a list of tables under the schema 'NKN33411'. The tables listed are 'DONORS' and 'USERS'. To the right of the table list is the 'Table definition' for the 'DONORS' table, showing columns: NAME (VARCHAR, 32, nullable), EMAIL (VARCHAR, 32, nullable), NUMBER (INTEGER, nullable), BLOODGROUP (VARCHAR, 32, nullable), and ADDRESS (VARCHAR, 32, nullable). A 'View data' button is visible at the bottom of the table definition panel.

Name	Schema	Properties
<input type="checkbox"/> DONORS	NKN33411	---
<input type="checkbox"/> USERS	NKN33411	---

Name	Data type	Nullable	Length	Scale
NAME	VARCHAR	Y	32	0
EMAIL	VARCHAR	Y	32	0
NUMBER	INTEGER	Y		0
BLOODGROUP	VARCHAR	Y	32	0
ADDRESS	VARCHAR	Y	32	0

2. USN – 2: No. of registered donors and their donation history for each registered account is retrieved from the database.



In the stats section, Enter the email.



No. of donations made.



No. of registered donors.

A screenshot of the IBM Db2 on Cloud console. The interface shows the 'DONORS' table with the following data:

NAME	EMAIL	NUMBER	BLOODGROUP	ADDRESS
abcd	Try3@gmail.com	1234567	O	ss
try	try@gmail.com	1234567	B+	Sr
try1	Try1@gmail.com	1234567	B+	TN
try2	Try2@gmail.com	1234567	A	ss

The console also includes a navigation bar with options like 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. A sidebar on the left contains icons for SQL, Tables, and other database functions. An 'Export to CSV' button is visible in the top right corner of the table view.

3. USN – 3: For a receiver of plasma, real time blood group matching is done using the data in the database.

Request

req@gmail.com Guju Rajveer 1234567 B+ ss Submit

LOGOUT Dashboard

No. of matched donors available.

2 Donors found. We've send details to their email and they'll contact you in sometime. Dashboard LOGOUT