



ONLINE BLOOD & PLASMA BANK

Product Type :WEB APPLICATION

Repo

URL:<https://code.swecha.org/healthcare/online-blood-bank/-/tree/developer%23ui>



Introduction

The software system is an online blood bank & plasma bank management system that helps in getting blood & plasma effectively.

- These details include type of blood group, contact number, location, plasma from covid recovered people.
- The project is an online system that allows to check whether required blood deposits of a particular group are available or not in the specified area, plasma to donate in the nearest possibilities.



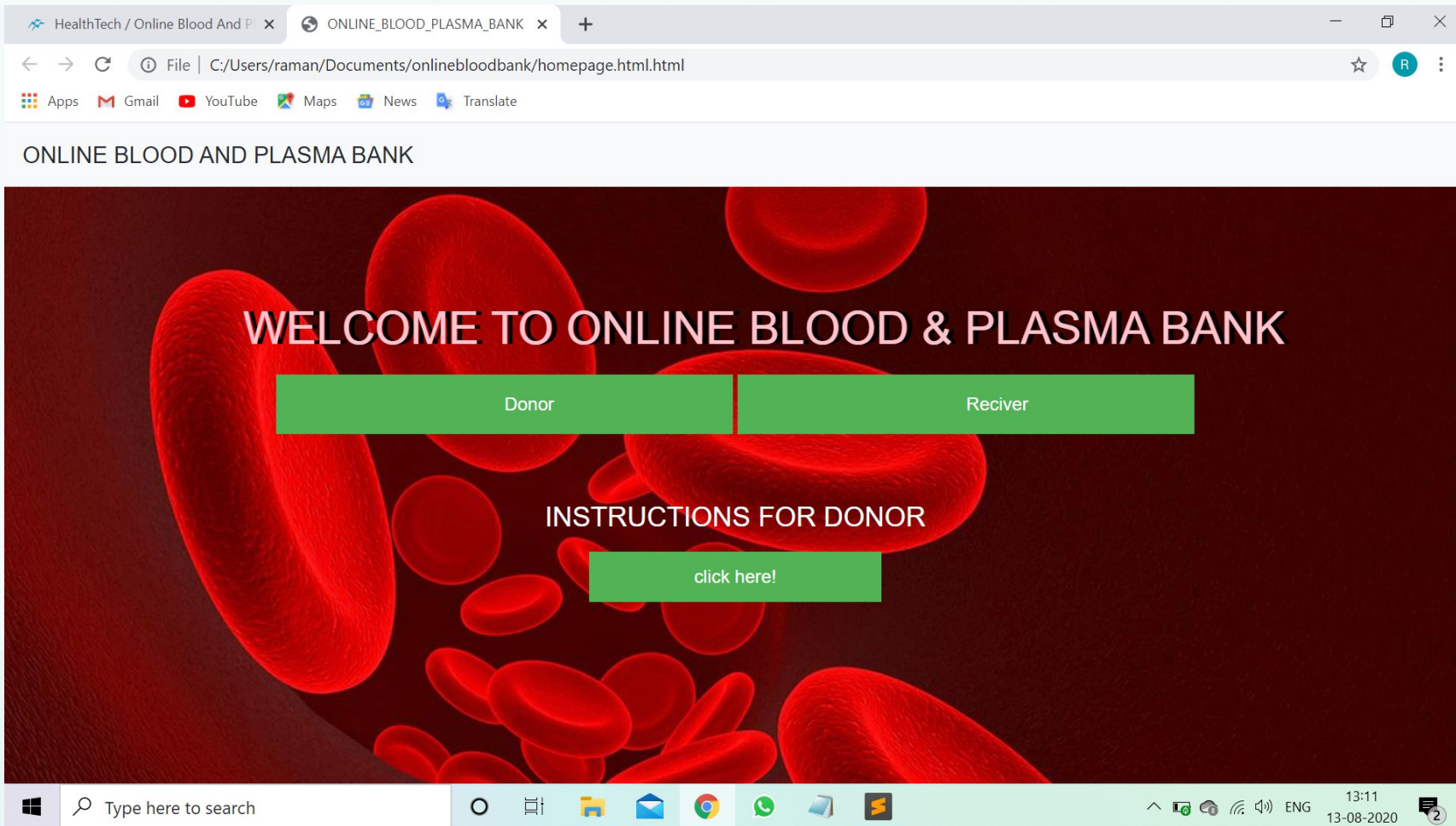
Status

- Progress
 - created home page
 - created donor login page
 - created donor registration page
 - created receiver page
 - created forgotten password page
 - created edit profile page



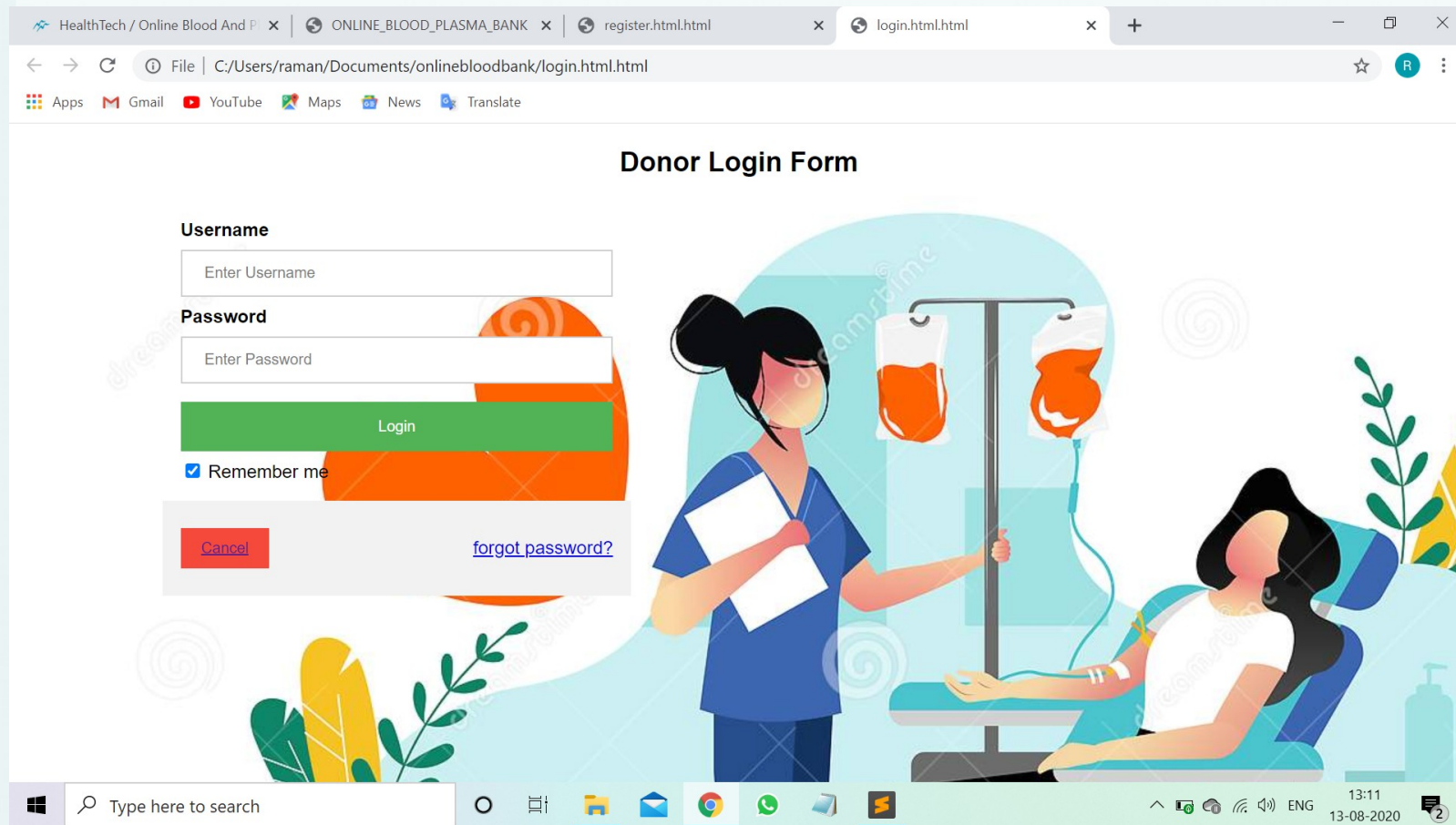
Status(continued)

- Image of updated home page



Status(continued)

- Image of donor login form



The screenshot displays a web browser window with the following elements:

- Browser Tabs:** HealthTech / Online Blood And P..., ONLINE_BLOOD_PLASMA_BANK, register.html.html, login.html.html.
- Address Bar:** File | C:/Users/raman/Documents/onlinebloodbank/login.html.html.
- Page Title:** Donor Login Form.
- Form Fields:**
 - Username:** Enter Username
 - Password:** Enter Password
- Buttons:** Login (green), Cancel (red), forgot_password? (blue link).
- Checkbox:** Remember me (checked).
- Illustration:** A nurse in blue scrubs attending to a donor lying in a chair, with blood bags hanging from a stand.

The Windows taskbar at the bottom shows the search bar, task view, and various application icons. The system clock indicates 13:11 on 13-08-2020.

Status(continued)

- Image of donor Registration form

The screenshot displays a web browser window with the following details:

- Browser Tabs:** HealthTech / Online Blood And P..., ONLINE_BLOOD_PLASMA_BANK, register.html.html
- Address Bar:** File | C:/Users/raman/Documents/onlinebloodbank/register.html.html
- Page Title:** Donor Registration Form
- Form Fields:**
 - Username (with user icon)
 - Email (with envelope icon)
 - Date of birth (with calendar icon)
 - Select your age (with dropdown arrow)
 - Gender (with dropdown arrow)
 - Donation (with plus icon and dropdown arrow)
 - Select your Blood Group (with plus icon and dropdown arrow)
 - Select your Nearby Location (with location pin icon and dropdown arrow)
 - Mobile Number (with mobile phone icon)
- Background Image:** A cluster of red blood cells.
- Taskbar:** Windows Start button, search bar (Type here to search), task view, File Explorer, Edge, Chrome, WhatsApp, and other background applications. System tray shows date and time: 13:11, 13-08-2020.



Status(continued)

- Image of Receiver Registration Form

HealthTech / Online Blood And P x reciver.html.html x +

File | C:/Users/raman/Documents/onlinebloodbank/reciver.html.html

Apps Gmail YouTube Maps News Translate

DON'T WORRY! WE ARE HERE TO SAVE YOU

RECEIVER REGISTER FORM

Username

Age

Select Gender v

mobile number

Email

Select v

Select your Blood Group v

Select your Nearby Location v

Type here to search

20:37 13-08-2020 ENG

Status(continued)

- Image of forget password form & Edit Profile

The screenshot shows a web browser window with the URL `C:/Users/raman/Documents/onlinebloodbank/forgotpass.html`. The page has a red header with the text "Forgot Password". On the left, there are links for "Register" and "Login", and a red button labeled "LEARN MORE". The main content area has a sub-header "Home | Your Account | Forgot Password" and a message: "Please enter your email address below and we will send you information to change your password." Below this is a text input field labeled "Email Address" and a red button labeled "I FORGOT".

The screenshot shows a web browser window with the URL `C:/Users/raman/Documents/onlinebloodbank/editprofile.html.html`. The page has a white header with the text "Edit Profile". The form contains several input fields with green icons on the left: "Username" (person icon), "Email" (envelope icon), "Date of birth" (calendar icon), "Select your age" (dropdown arrow), "Gender" (dropdown arrow), "Select" (plus icon), "Select your Blood Group" (plus icon), "Select your Nearby Location" (location pin icon), and "Mobile Number" (phone icon). On the right side of the form, there is a large image of red blood cells. The Windows taskbar at the bottom shows the date and time as 20:24 on 13-08-2020.



What's new?

- As there is a minimum gap of 2-3 months for the next donation of blood and person may not be available at that instance due to any issue, we are putting a toggle button to show his/her availability.
- Plasma can be donated for every 28 days as per WHO. So, we can include this additional idea to give some support in this pandemic.



Data Sources

- WHO (World Health Organization)

SOFTWARE REQUIREMENTS :

LANGUAGES:- HTML , CSS , javascript.

BACKEND :- NODEJS, EXPRESSJS.

DATABASE :- MongoDB



- **Users:** Donor

Receiver

The people who are in need of blood or plasma can use this.

If receiver want blood or plasma they can submit there details in this and surrounding donors will get it has notification.

- **Impact:**

These helps the donor to direct contact with receiver and help them.



Work Division Table

	Donor forms	Receiver forms	Edit profile, Terms & Conditions, forgot password	Git lab management	Read me file
Team 20	Ch.Ramani	G.akshitha	D.vivek	S.Bharath reddy	k.akshitha
Team 19	Priya varshini	Chethana	P.saketh	_____	Ch.Ramya K.sahithi
Team 2	_____		S.M.shreeja	B.Sai kiran	_____



References

- <http://www.hyderabadblooddonors.org/hyderabadblooddonors/Home.aspx>

