

# Pandemic Workmate

Group Members:-

- Kaushal Bhoir    TE\_B\_02
- Aditya Madhavi    TE\_B\_16
- Tanuja Patil    TE\_B\_29
- Keerthi Pillai    TE\_B\_31

Guide: Akanksha Patil

Group No:- 27

# INDEX

- Introduction
- Existing System
- Literature Survey
- Proposed System
- Implementation Flow
- Screenshots
- Conclusion



# INTRODUCTION

- The project titled “Pandemic Workmate” provides easy and effective way of storing information about hospital premises
- Pandemic Workmate involves keeping records of blood, platelets and also includes oxygen and rooms availability in the hospitals
- The objective of this project is to eliminate the situation of havoc and panic in cases of emergencies



# EXISTING SYSTEM

- Hospitals and blood banks in India follow a very tough system for getting units of blood in emergency
- The hospital will provide the blood if required amount of blood is available. Otherwise, the patient's family has to search for blood in an unorganized manner. The existing application system is very complex and has high response time
- The system doesn't support quick updating of blood. Moreover, the existing system doesn't join donors in a chain for emergency cases
- These systems are not updated and hence a very unsubtle user experience



# LITERATURE SURVEY

## CBBR Centralized Blood Bank Repository - SSRN 2015

- Blood Bank Management System (BBMS) is a web-based system that can assist the information of blood bank during its handling in the blood bank. With this system, the user can get information of blood available in the hospital[4]
- This system does not provide information about platelets, number of rooms available and oxygen availability

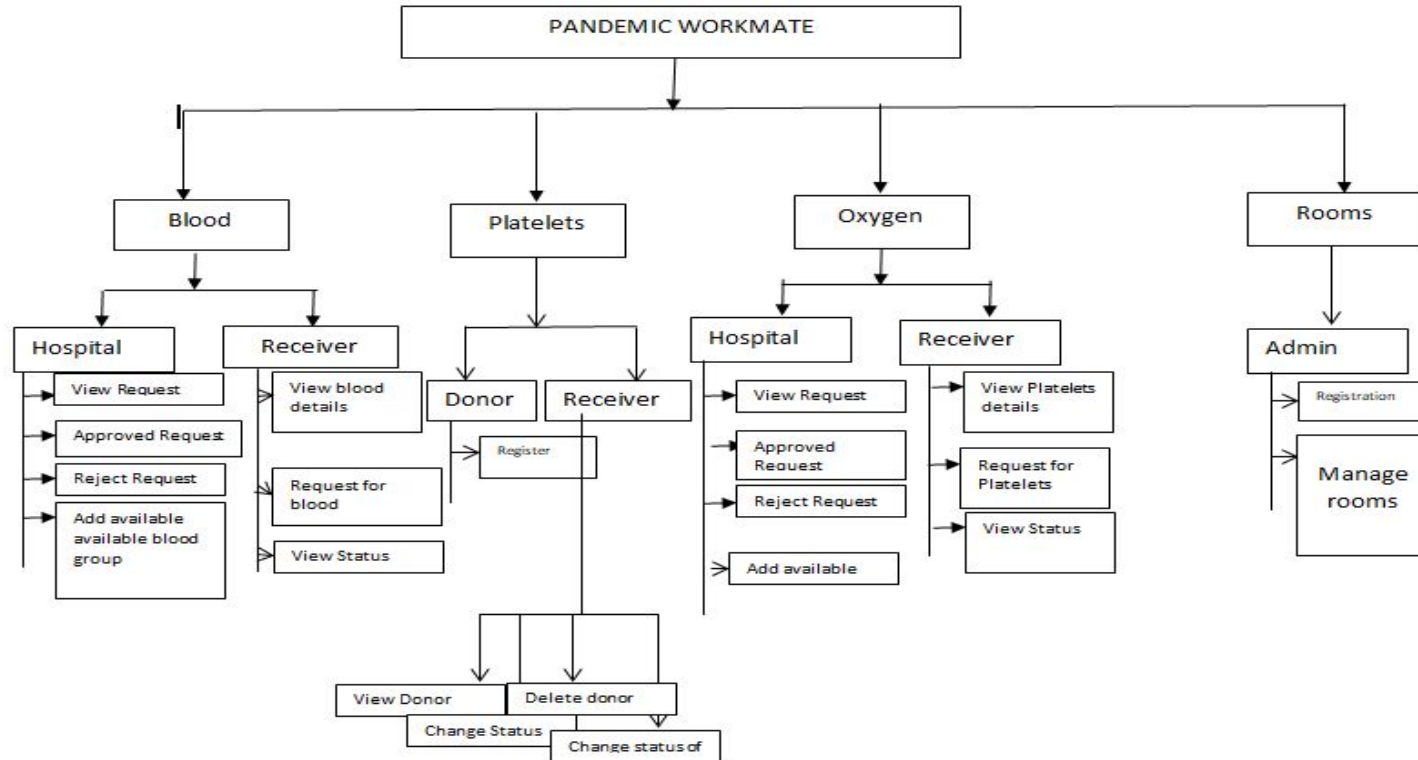


# PROPOSED SYSTEM


- Our project is developed so as to reduce the time to a great extent that is spent in searching for the right donor
- Thus, this project provides the required information about blood, platelets in minimal time and also helps in quicker decision making
- It also provides information about number of rooms available, platelets and oxygen availability



# IMPLEMENTATION FLOW



## Steps for implementation:

- Step 1: If user is registered then provide user id and password else create New account.
  - Step 2: If there is request from user for blood/platelets/oxygen/rooms then the user has to provide the required details [2].
  - Step 3: If the user wants to book a room then the admin will get their information and book the room.
  - Step 4: If the hospital has the available blood group/platelets/oxygen unit [1], it accept the request and display the status.
  - Step 5: If the user willingly wants to donate platelets or blood he can register accordingly [3].
- 



# BLOOD

## ❖ Hospital

- View blood request
- Approve receivers request
- Add blood availability

## ❖ Receiver

- Request for blood
- View status of request
- View blood availability



# PLATELETS

## ❖ Admin

- View Donor Data
- Change Status of Donor
- Delete Information of Donor
- View Platelet Request
- Update Status of Receiver

## ❖ User


- Register/Login
- Request for Platelets

# OXYGEN

## ❖ Hospital

- View oxygen request
- Approve oxygen request
- Add oxygen availability

## ❖ Receiver

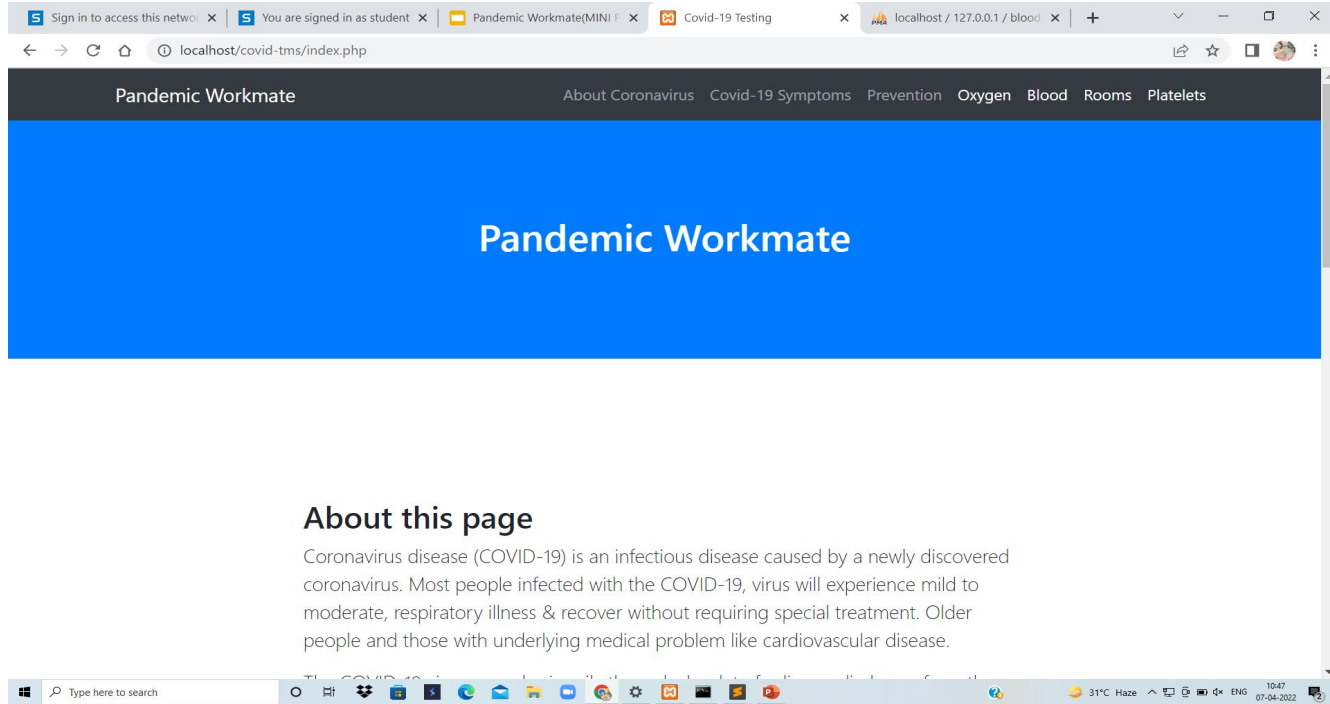
- Request for oxygen
  - View status of request
  - View oxygen availability
- 

# ROOMS

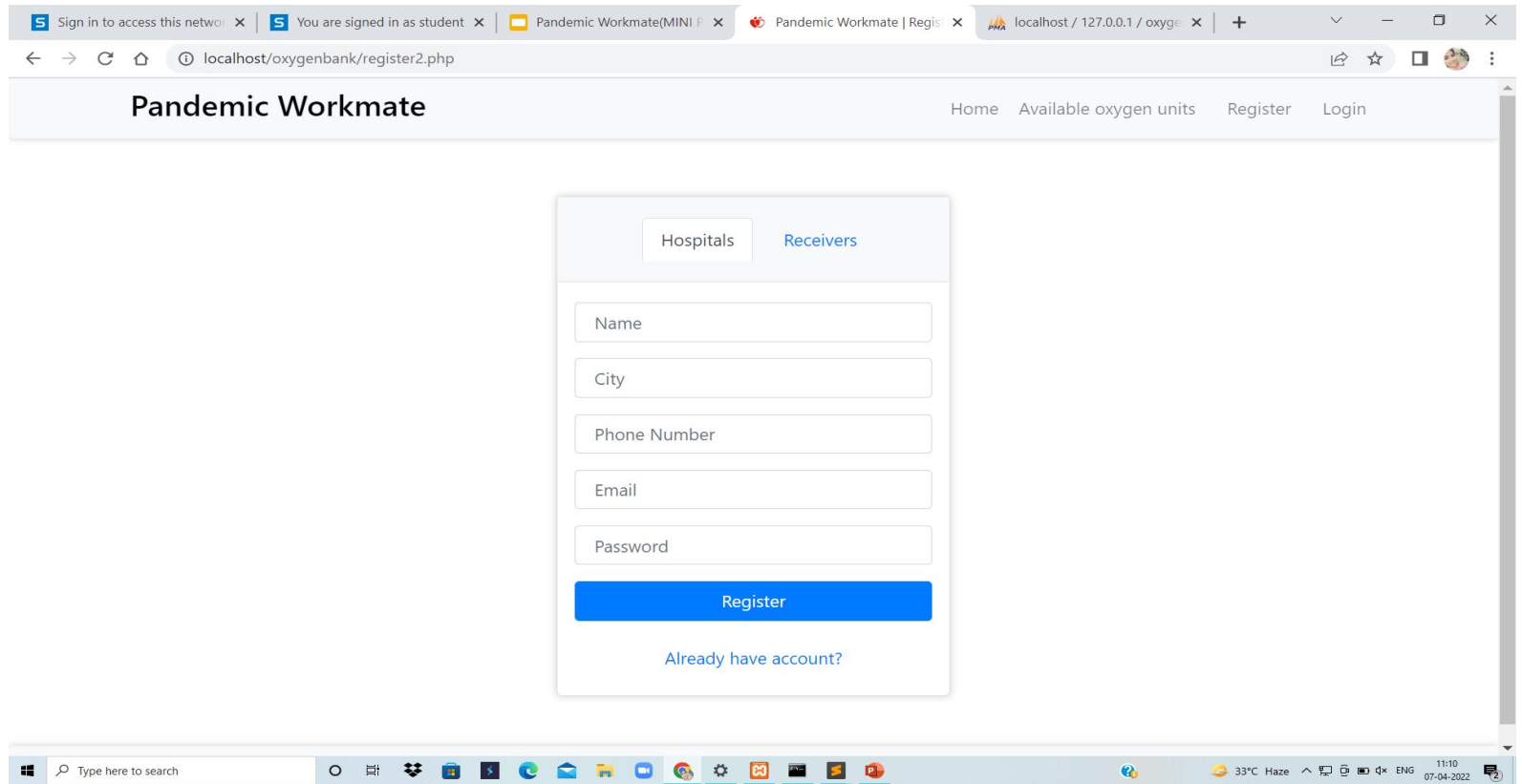
## ❖ Admin

- Reservation
- Manage Rooms

# SCREENSHOTS



Screenshot 1: Homepage



Screenshot 2: Register for oxygen

# Oxygen

The screenshot shows a web browser window with the URL `localhost/oxygenbank/login2.php`. The page title is "Pandemic Workmate". The navigation bar includes links for "Home", "Available oxygen units", "Register", and "Login". The main content area features a login form with two tabs: "Hospitals" (selected) and "Receiver's". The form contains fields for "Hospital Email" and "Hospital Password", a blue "Login" button, and a link for "Don't have account?". The browser's taskbar at the bottom shows various application icons and system information like temperature and date.

Sign in to access this network x You are signed in as student x Pandemic Workmate(MINI P x Oxygenbank | Login x localhost / 127.0.0.1 / oxyge x +

localhost/oxygenbank/login2.php

## Pandemic Workmate

Home Available oxygen units Register Login

Hospitals Receiver's

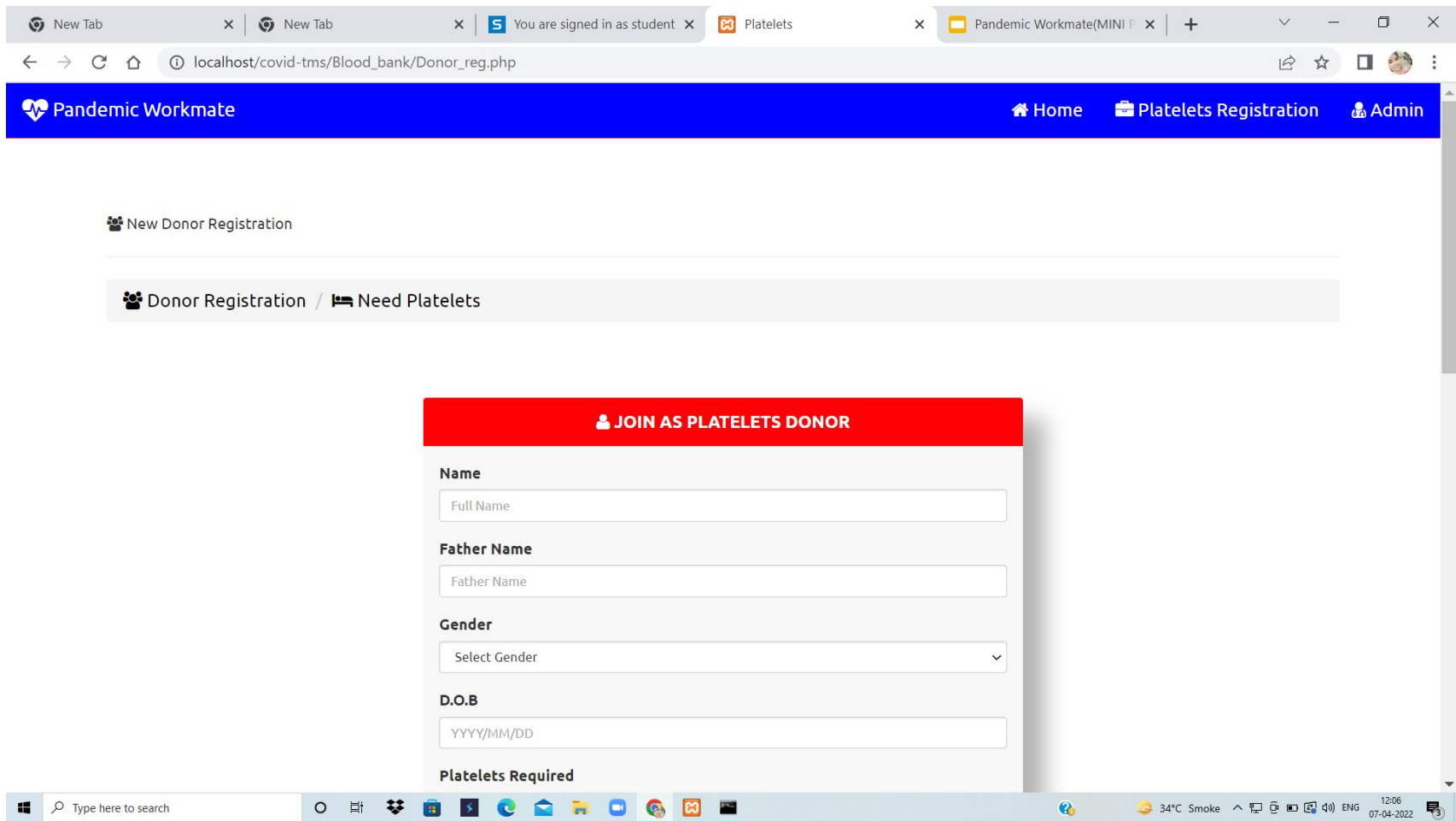
**Hospital Email**

**Hospital Password**

Login

[Don't have account?](#)

Screenshot 3: Login for oxygen



Screenshot 4: Register for Platelets



Sign in to access this network | You are signed in as student | Pandemic Workmate(MINI P | Oxygenbank | Available Oxy | localhost / 127.0.0.1 / oxyge

localhost/oxygenbank/abs2.php?msg=om%20have%20logged%20in.

# Pandemic Workmate

Sent Oxygen Request Available Oxygen Units om Logout

om have logged in.

Available Oxygen Units					
#	Hospital Name	Hospital City	Hospital Email	Hospital Phone	Action
1	Gandhi hospital	Delhi	gandhi@gmail.com	7865376358	Request Unit
2	Unknown hospital	unknown	unknown@gmail.com	9876543267	Request Unit
3	Priti Hospital	Pune	priti@gmail.com	9856587859	Request Unit

Type here to search

33°C Haze 11:12 07-04-2022

Screenshot 5: Available details of oxygen

# ROOMS /BEDS

The screenshot displays a web application interface for 'Pandemic Workmate'. The browser's address bar shows the URL 'localhost/covid-tms/HotelMS-PHP/index.php?reservation'. The application has a blue header with the name 'PANDEMIC WORKMATE' and a user profile icon for 'Tanuja ADMIN'. A left sidebar contains navigation links for 'Reservation' (active) and 'Manage Rooms'. The main content area is titled 'Reservation' and includes a 'Replan Booking' button. It features two main sections: 'Room Information' and 'Patient Detail'. The 'Room Information' section contains dropdown menus for 'Room Type' (with 'Select Room Type' as the placeholder) and 'Room No', as well as date pickers for 'Check In Date' and 'Check Out Date' (both with 'mm/dd/yyyy' placeholders). Below these are summary fields: 'Total Days : 0 Days', 'Price: 0 /-', and 'Total Amount : 0 /-'. The 'Patient Detail' section has input fields for 'First Name' and 'Last Name'. The Windows taskbar at the bottom shows the system time as 15:33 on 10-04-2022.

Pandemic Workmate

Pandemic Workmate(MINI PROJ

localhost/covid-tms/HotelMS-PHP/index.php?reservation

PANDEMIC WORKMATE

Tanuja  
ADMIN

Reservation

Manage Rooms

Reservation

Replan Booking

Room Information:

Room Type  
Select Room Type

Room No

Check In Date  
mm/dd/yyyy

Check Out Date  
mm/dd/yyyy

Total Days : 0 Days  
Price: 0 /-  
Total Amount : 0 /-

Patient Detail:

First Name  
First Name

Last Name  
Last Name

Type here to search

33°C Smoke

15:33  
10-04-2022

Screenshot 6: Dashboard of rooms

Pandemic Workmate x Pandemic Workmate(MINI PROJ x +

localhost/covid-tms/HotelMS-PHP/index.php?room\_mang

# PANDEMIC WORKMATE

Tanuja ADMIN

Reservation





















Manage Rooms

/ Manage Rooms

## Manage Rooms

Add Rooms

Show 10 entries Search:

Room No	Room Type	Booking Status	Check In	Check Out	Action
A-102	General	Book Room	-	-	 
A-103	AC with Single Bed	Booked	Checked In	Check Out	  
A-104	Special	Booked	Check In		  
B-101	Normal	Booked	Check In		  
B-103	ICU	Booked	Check In		  
C-101	Normal	Booked	Check In		  
C-102	General	Booked	Check In		  

Type here to search

33°C Smoke 15:34 10-04-2022 ENG

Screenshot 7: Manage Rooms

# PLATELETS

Sign in to access this x You are signed in as s x Pandemic Workmate( x Platelets x localhost / 127.0.0.1 / x Manual Testing - Goo x +

localhost/covid-tms/Blood\_bank/admin.php

Pandemic Workmate Home Platelets Registration Admin

## Admin Login

User Name

Password

 Login Here

Type here to search

35°C Haze 11:45 07-04-2022

Screenshot 8: Login Page for Platelets

### Active Donor Details

### Not Active Donors

### Need Platelets

S.No.	Name	Gender	Blood	City	State	Contact-1	Contact-2	View	Delete
1	Aradhya	Male	YES	37	Kerala	8758958458	4785784587	<a href="#">View</a>	<a href="#">Delete</a>

# BLOOD

New Tab x New Tab x You are signed in as s x Bloodbank | Login x Pandemic Workmate x New Tab x

localhost/covid-tms/bloodbank/login.php

## Pandemic Workmate

Home Available blood samples Register Login

Hospitals **Receivers**

**Hospital Email**

**Hospital Password**

Login

[Don't have account?](#)

Type here to search

35°C Smoke ENG 12:14 07-04-2022

Screenshot 10: Hospital Registration

Pandemic Workmate

Home Available blood samples Register Login

Select Blood Group:

Reset search

#	Hospital Name	Hospital City	Hospital Email	Hospital Phone	Blood Group	Action
1	Gandhi hospital	Delhi	gandhi@gmail.com	7865376358	B+	<a href="#">Request Sample</a>
2	Unknown hospital	unknown	unknown@gmail.com	9876543267	A+	<a href="#">Request Sample</a>
3	Patil Hospital	Panvel	patil@gmail.com	9865878954	AB+	<a href="#">Request Sample</a>
4	Rudra	Nerul	r@gmail.com	9856472541	A+	<a href="#">Request Sample</a>
5	Rudra	Nerul	r@gmail.com	9856472541	O+	<a href="#">Request Sample</a>

Screenshot 11: Available blood samples

# CONCLUSION

- The project “Pandemic Workmate ” aims to act as an important role in saving life of human beings and reduce the panic created in emergency situations
- This project developed such that users can view the information about available blood , oxygen, platelets and rooms





# REFERENCE LINKS

- 1) [https://developer.mozilla.org/en-US/docs/Learn/Getting\\_started\\_with\\_the\\_web/HTML\\_basics](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/HTML_basics)
- 2) [https://www.w3schools.com/html/html\\_intro.asp](https://www.w3schools.com/html/html_intro.asp)
- 3) <https://bootstrapmade.com/>
- 4) <https://www.ftms.edu.my/journals/pdf/IJISE/Apr2015/85-97.pdf>



THANK YOU!!!

