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

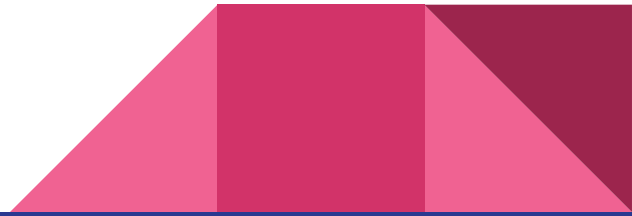
LITERATURE SURVEY

CBBR Centralized Blood Bank Repository - SSRN 2015

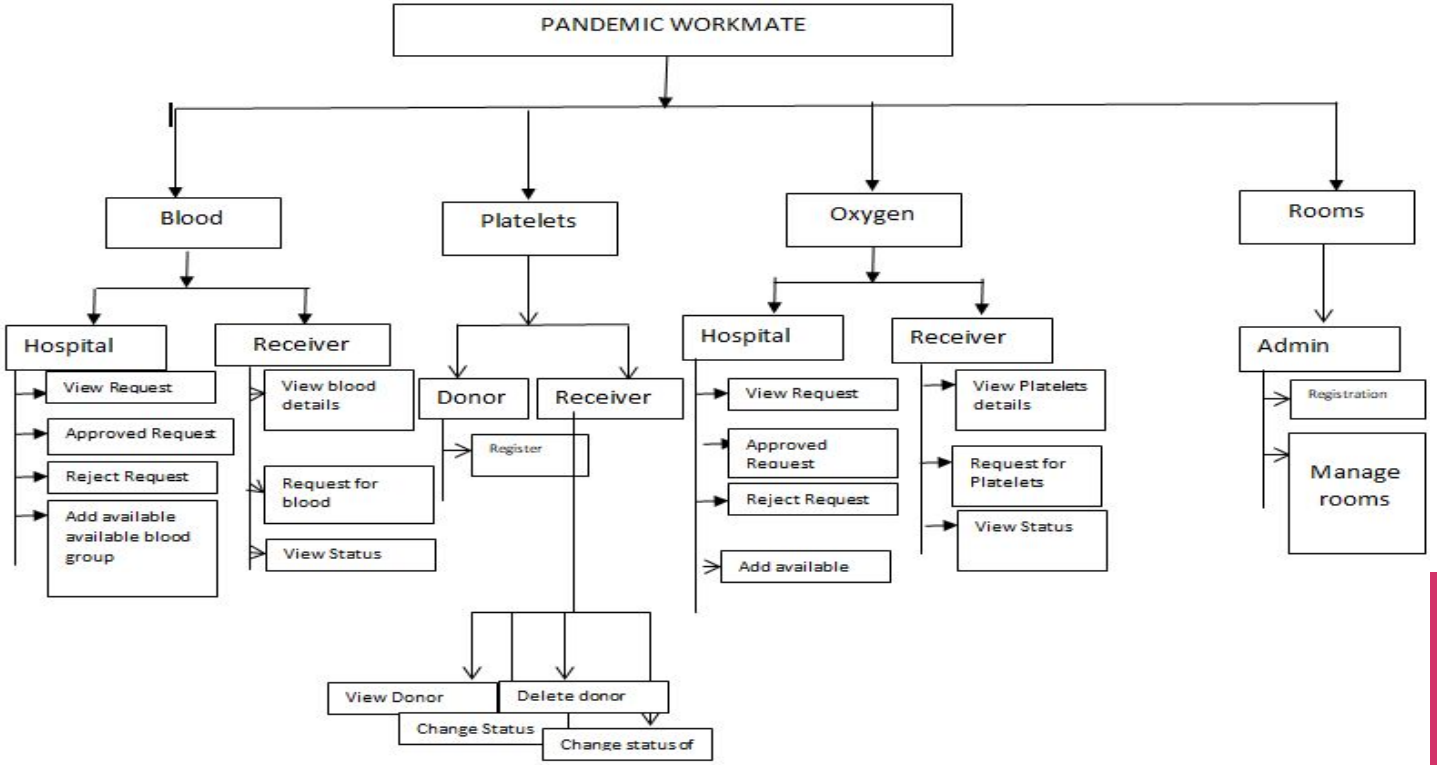
- Blood Bank Management System (BBMS) is a web-based system that can assists the information of blood bank during its handling in the blood bank. With this system, the user can get information of blood available in the hospital[4]
- This system does not provide information about platelets, number of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

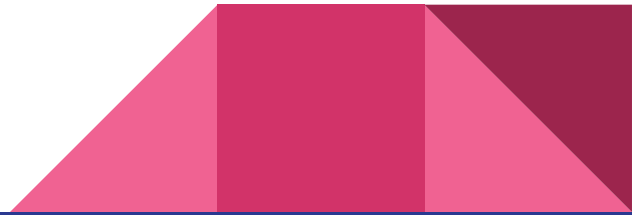
Step 1: If user is registered then provide user id and password else create New account.

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

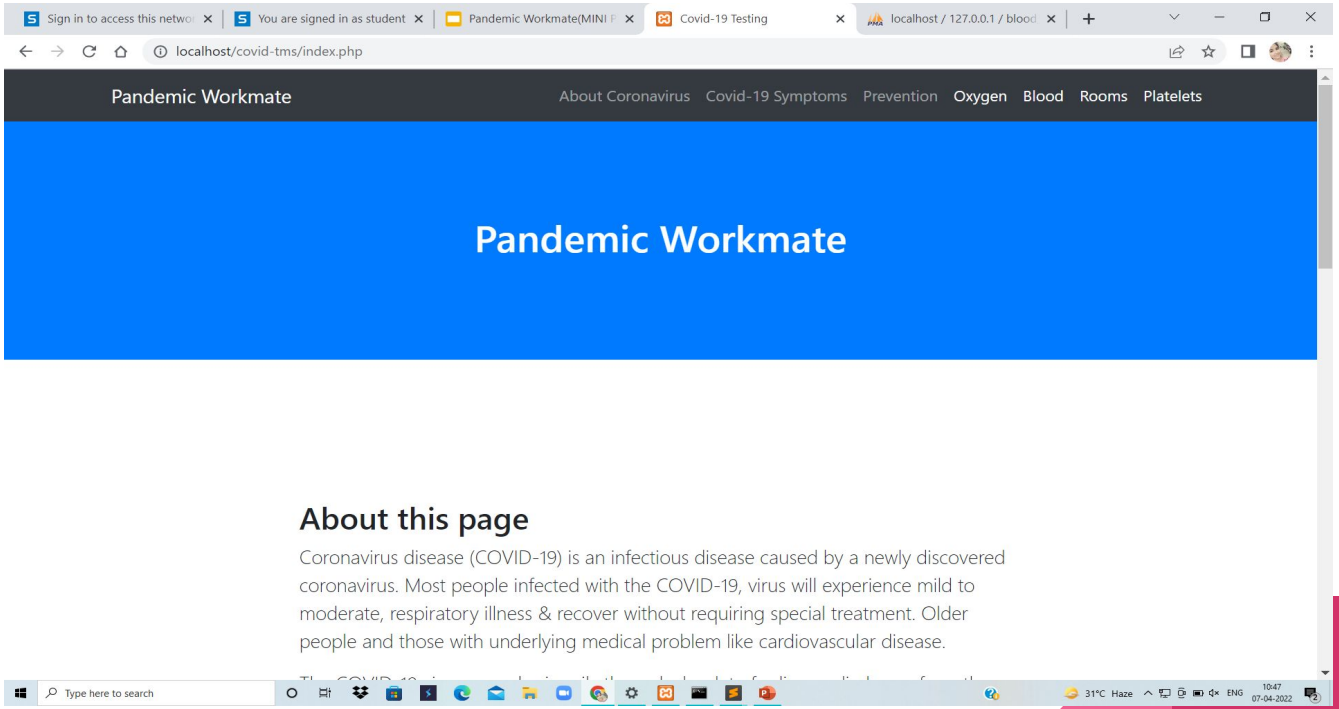
•View status of request

•View oxygen availability

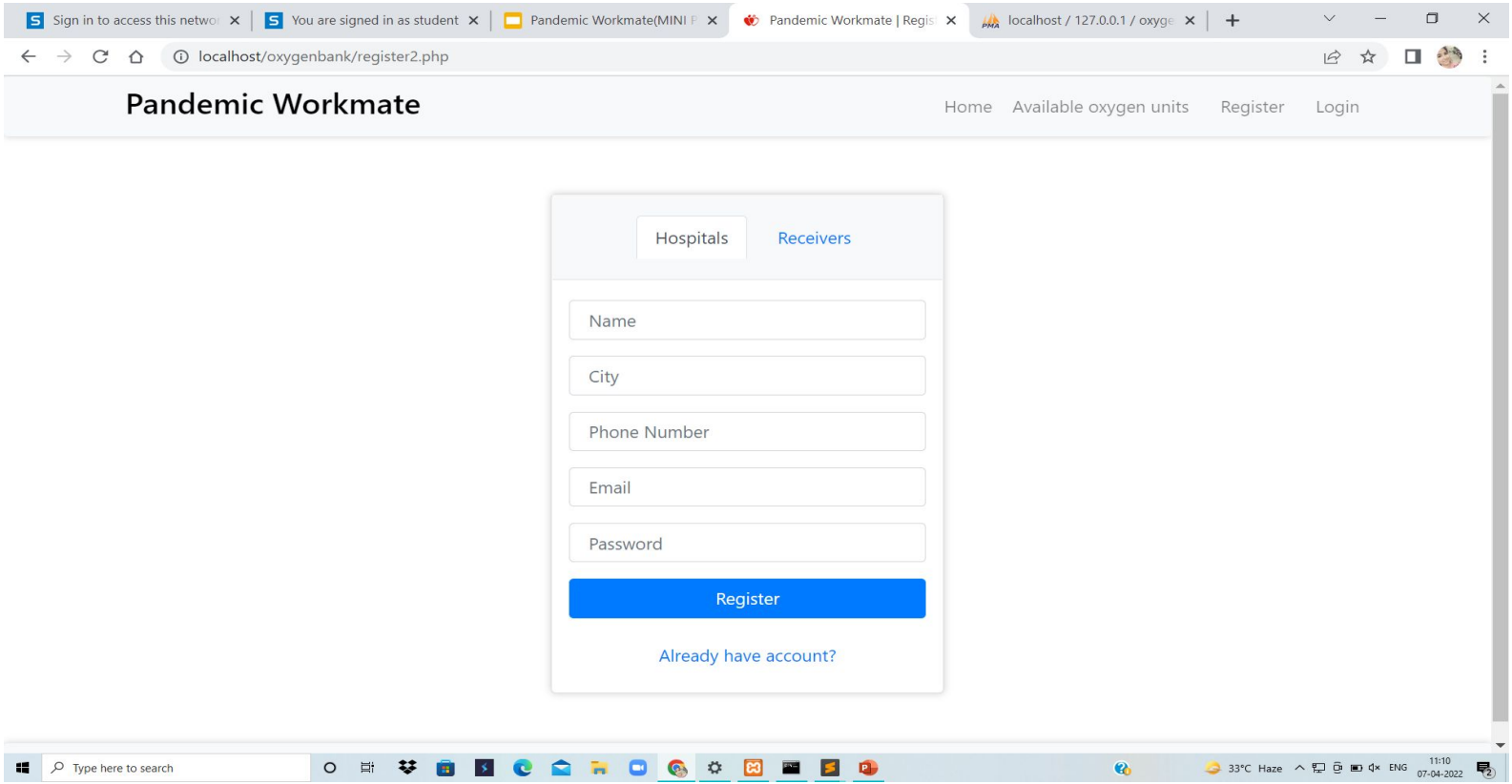
ROOMS

- **Admin**
  - Reservation
  - Manage Rooms

SCREENSHOTS

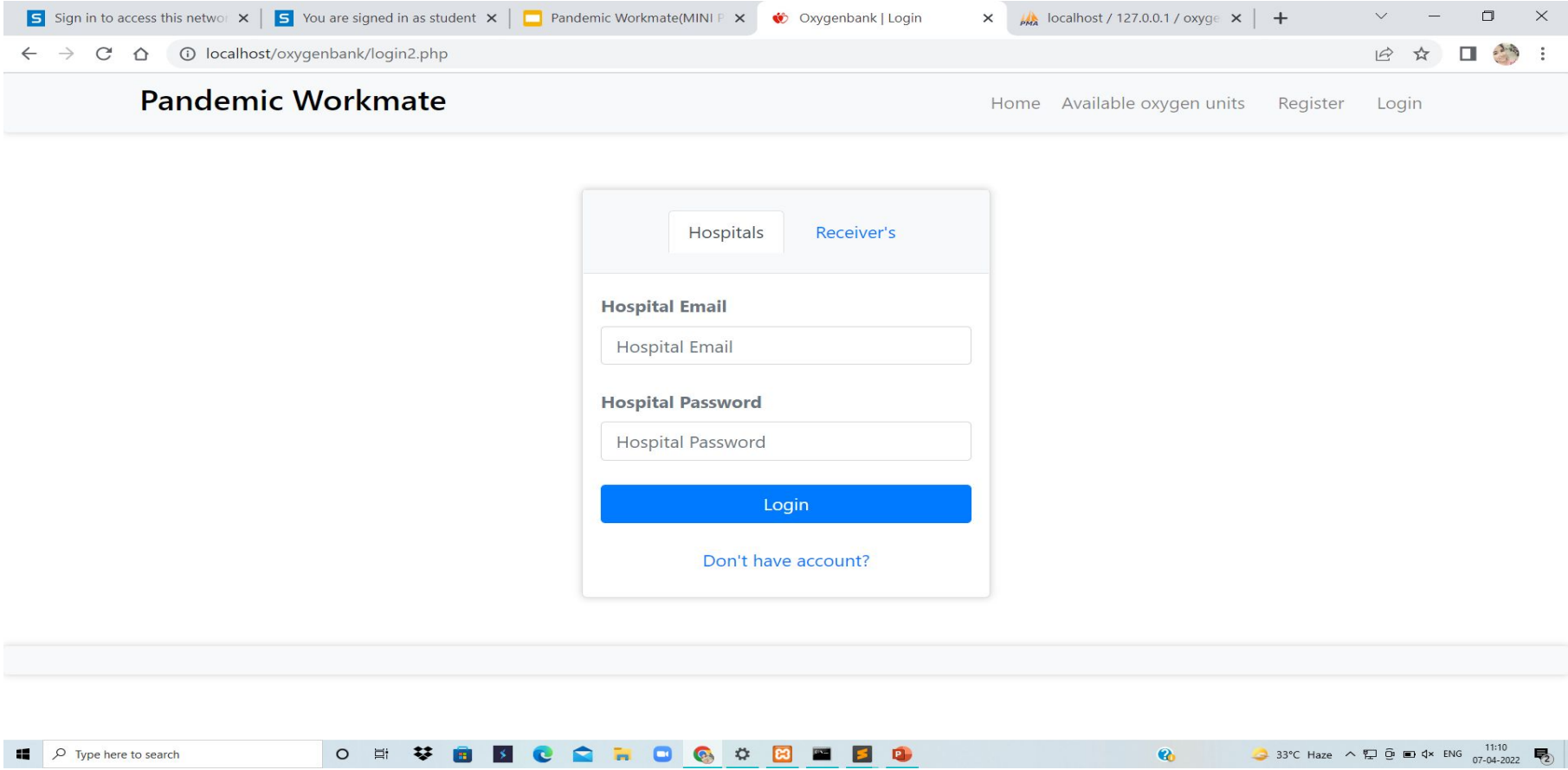


Screenshot 1: Homepage

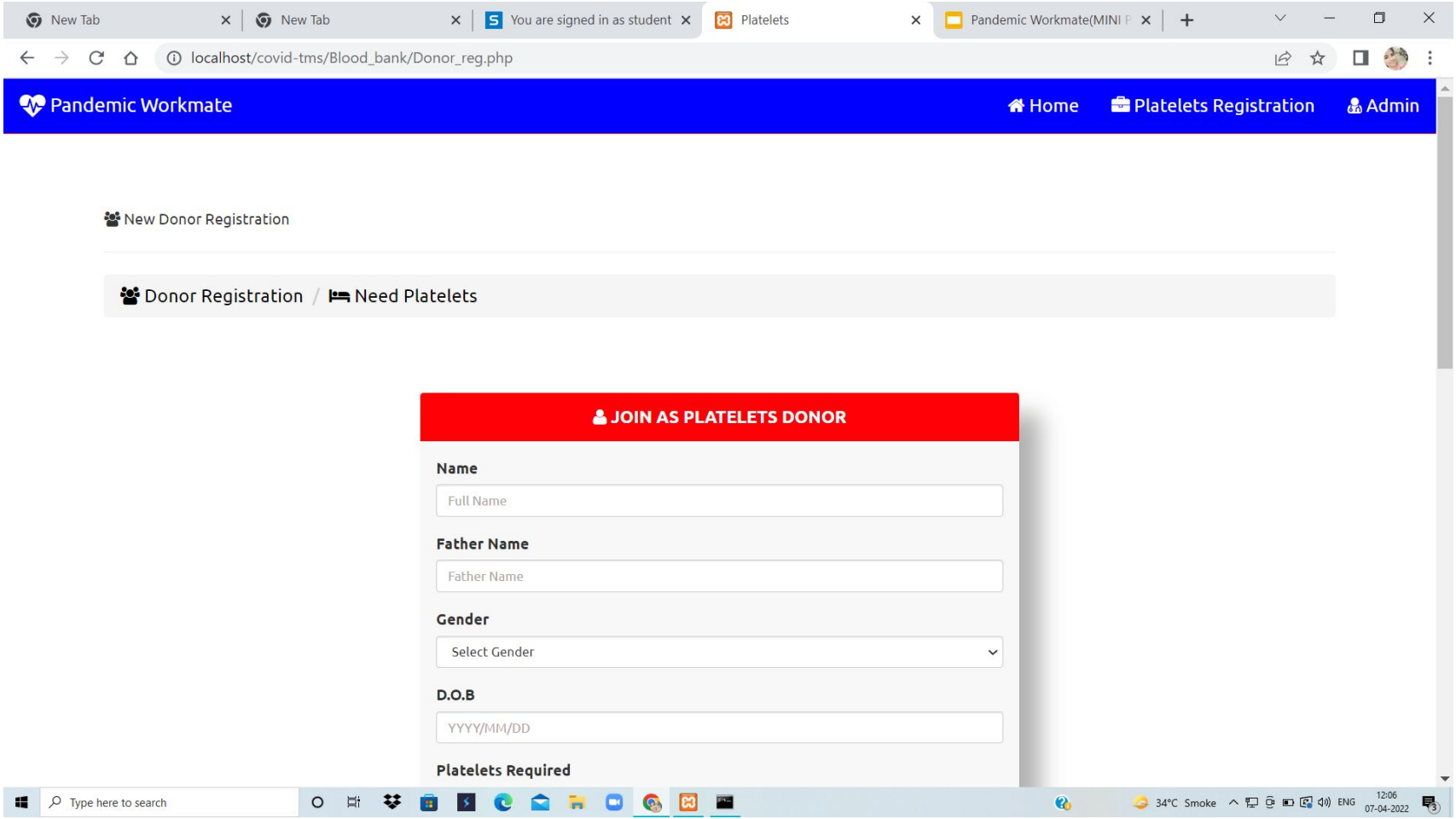


Screenshot 2: Register for oxygen

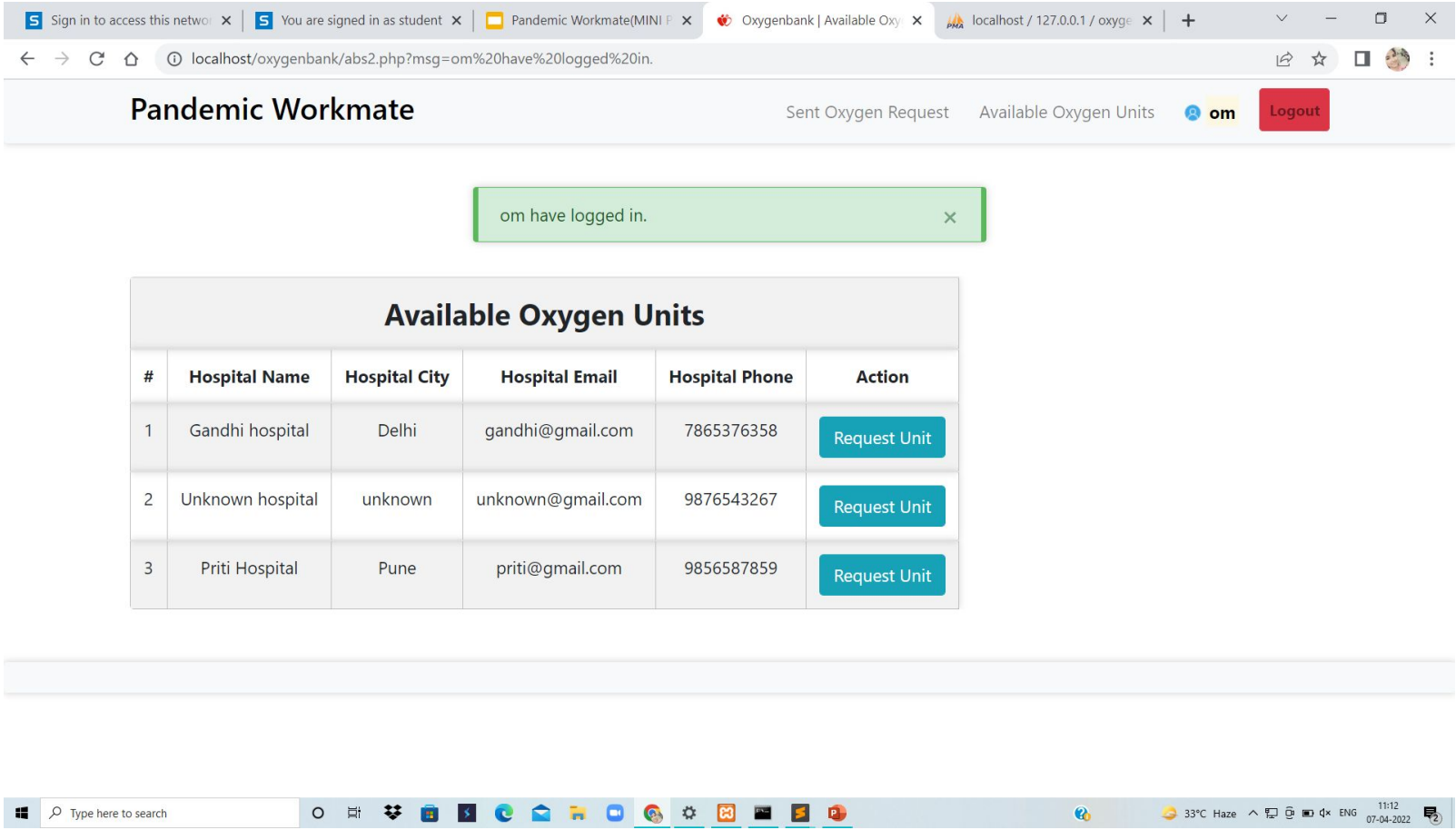
Oxygen



Screenshot 3: Login for oxygen

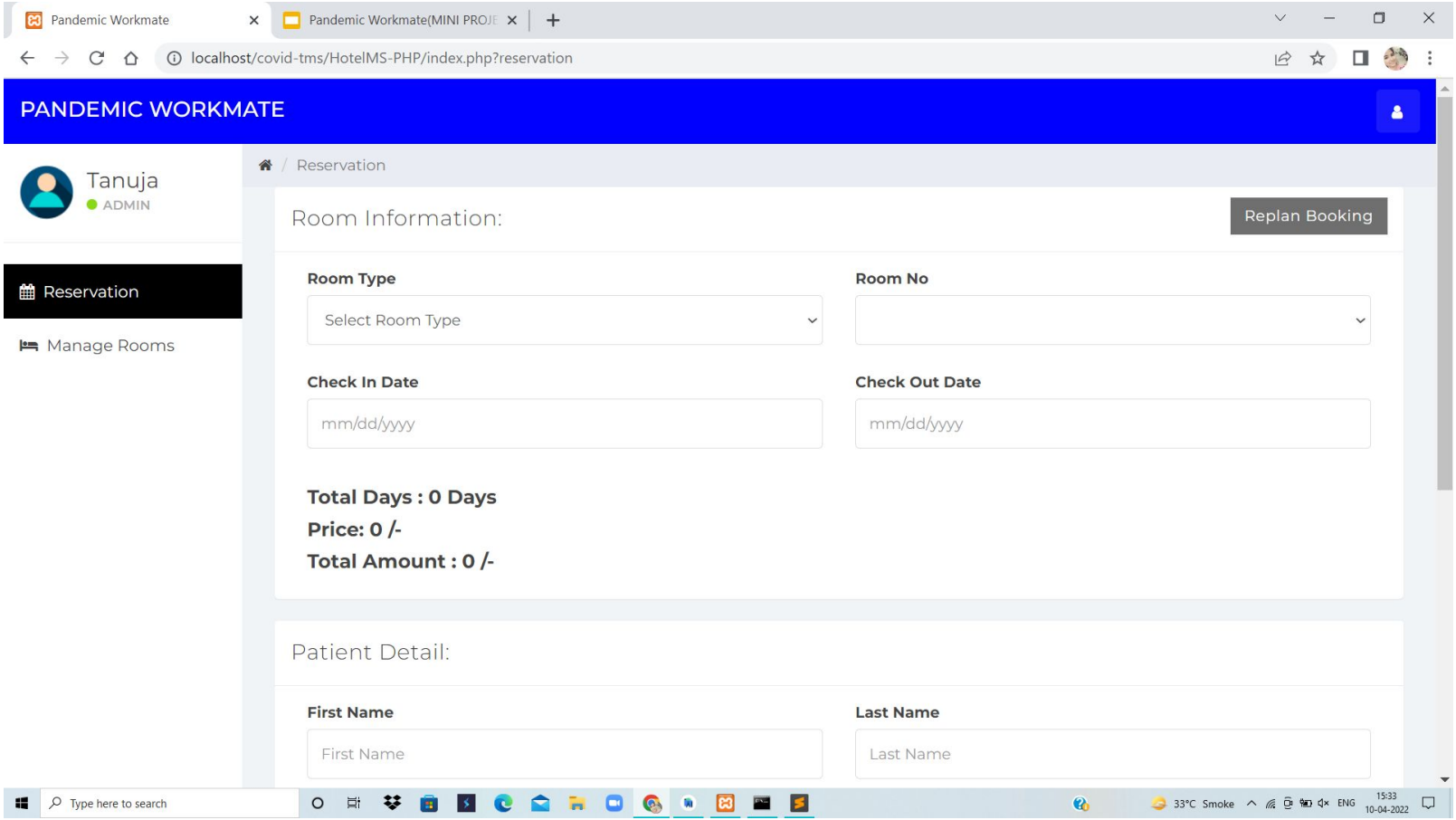


Screenshot 4: Register for Platelets

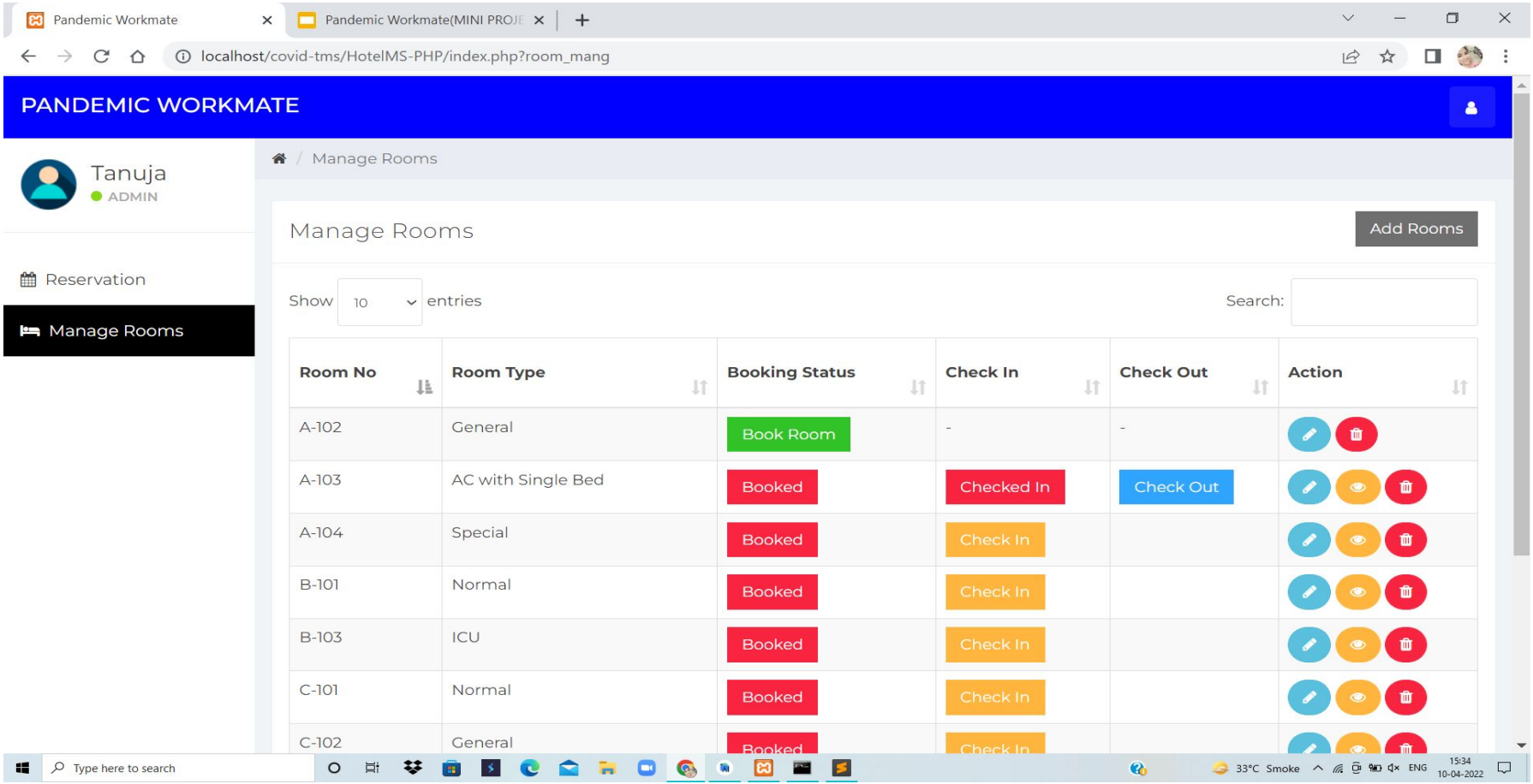


Screenshot 5: Available details of oxygen

ROOMS /BEDS

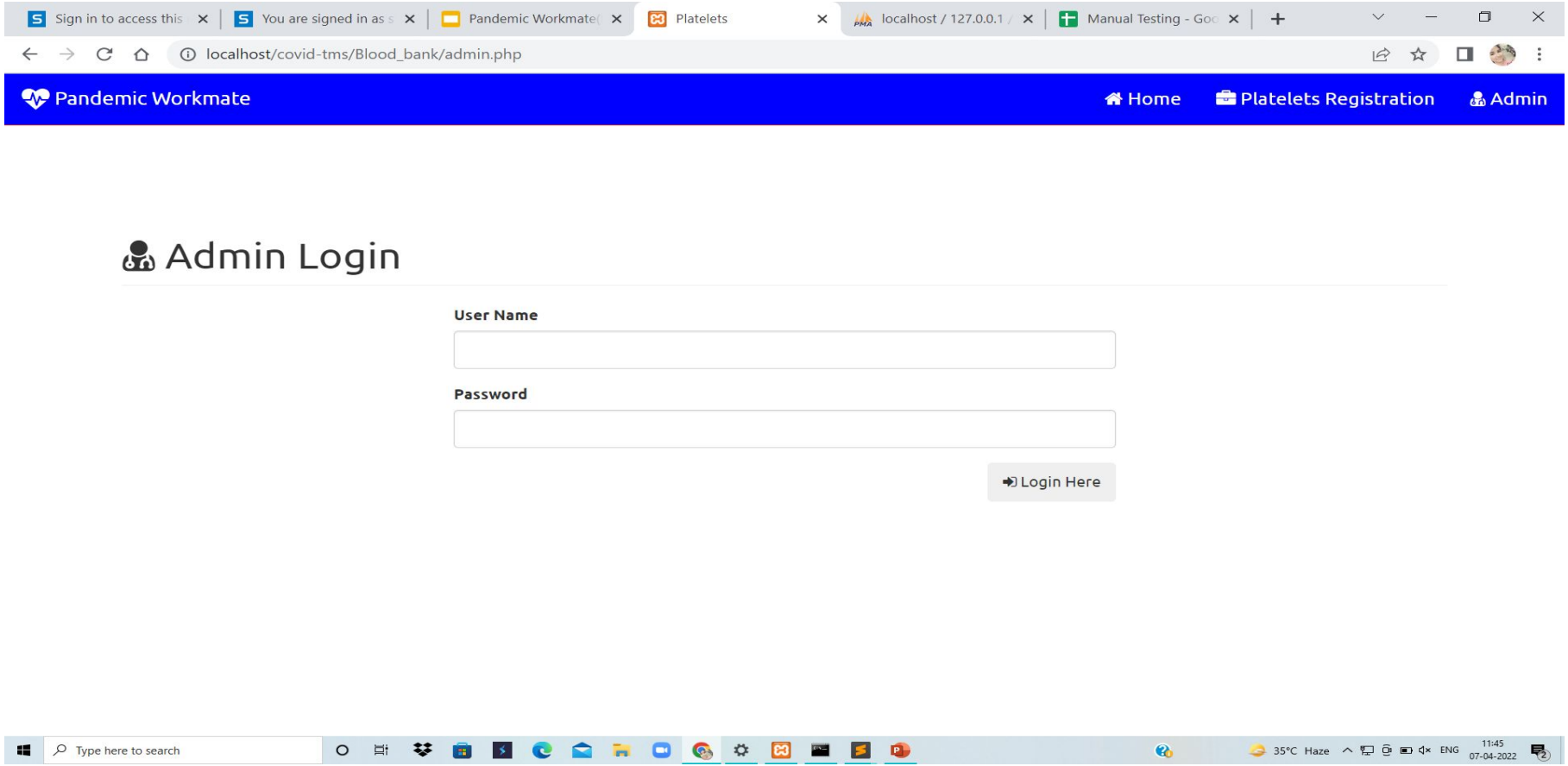


Screenshot 6: Dashboard of rooms

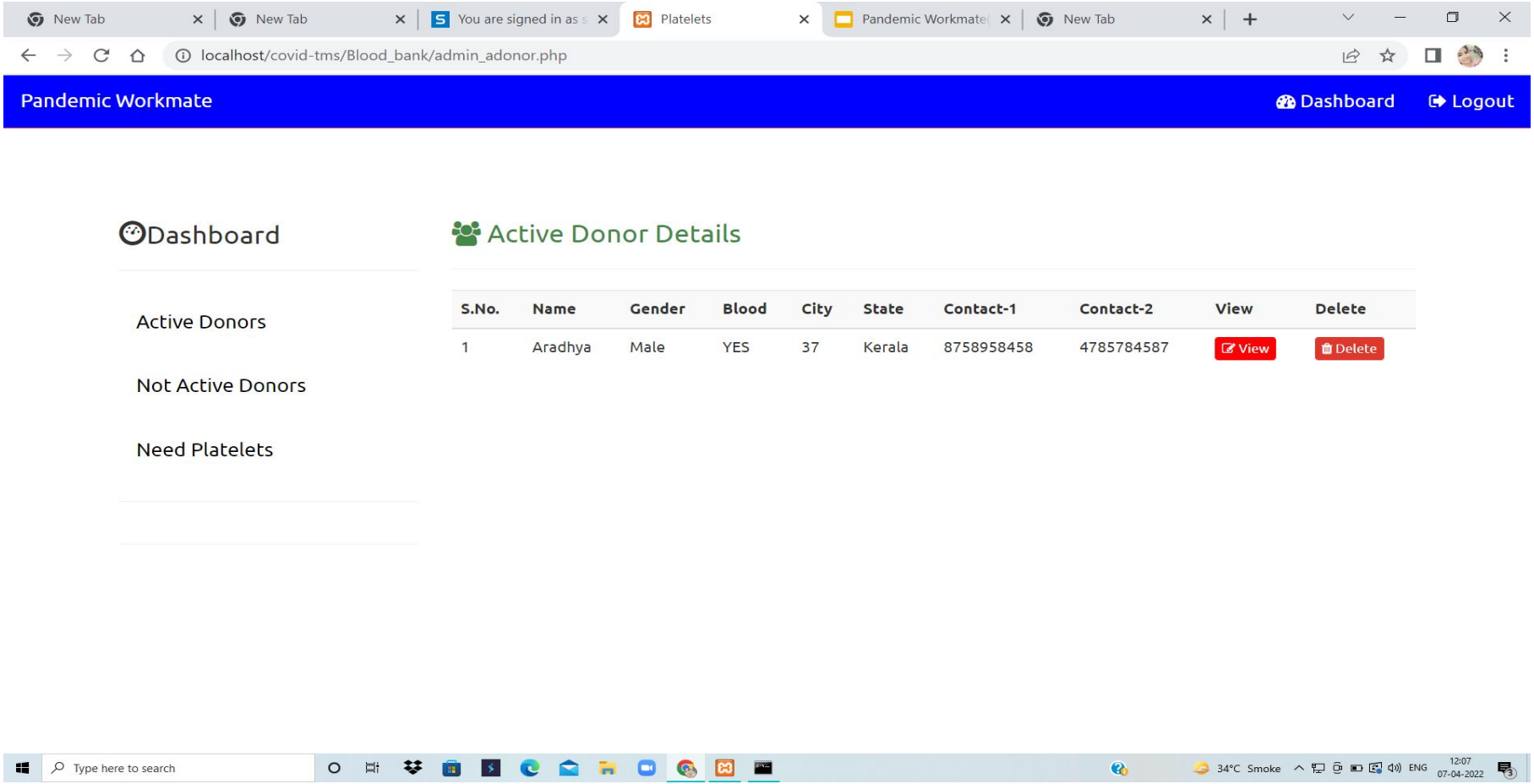


Screenshot 7: Manage Rooms

PLATELETS

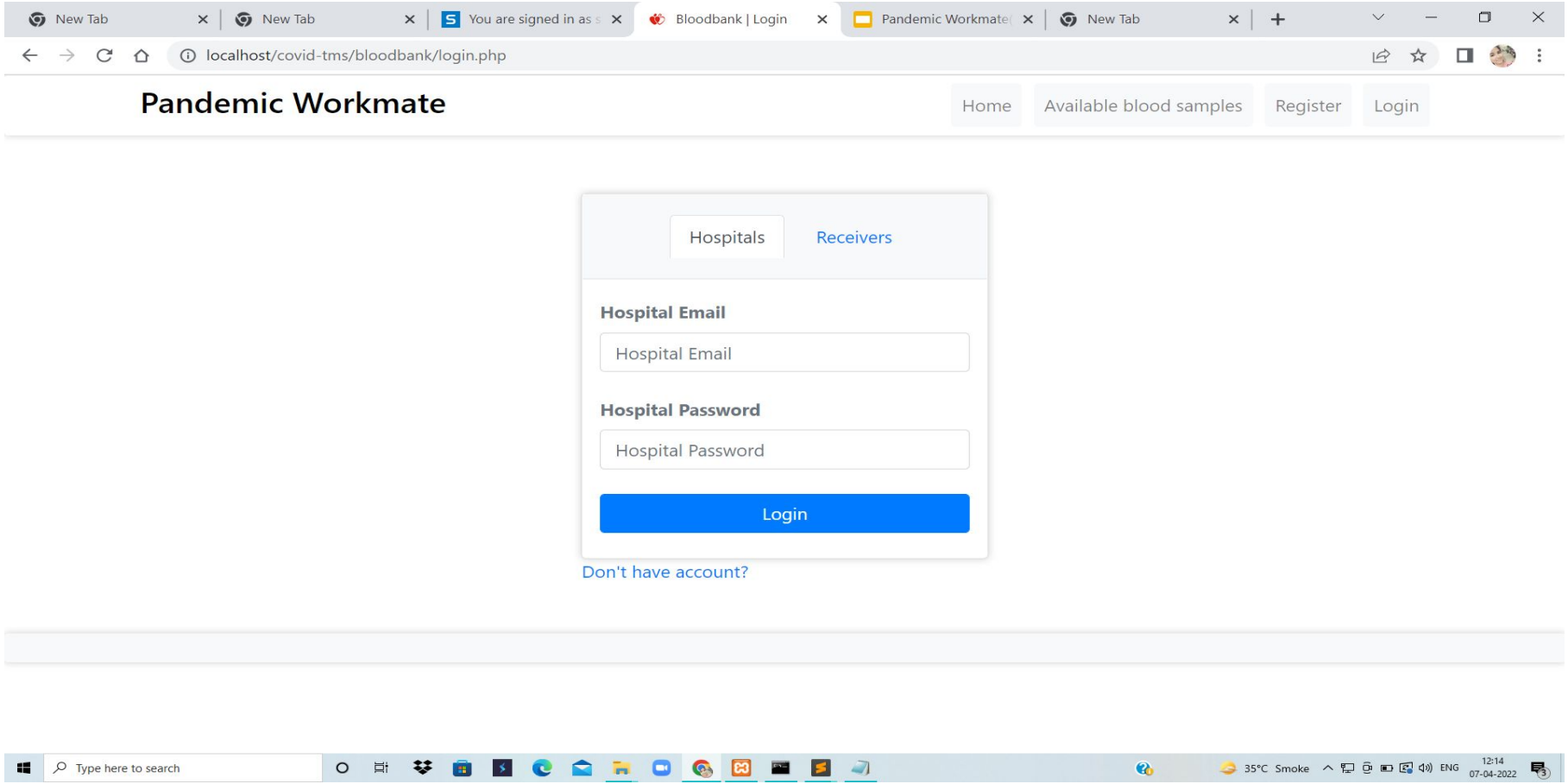


Screenshot 8: Login Page for Platelets

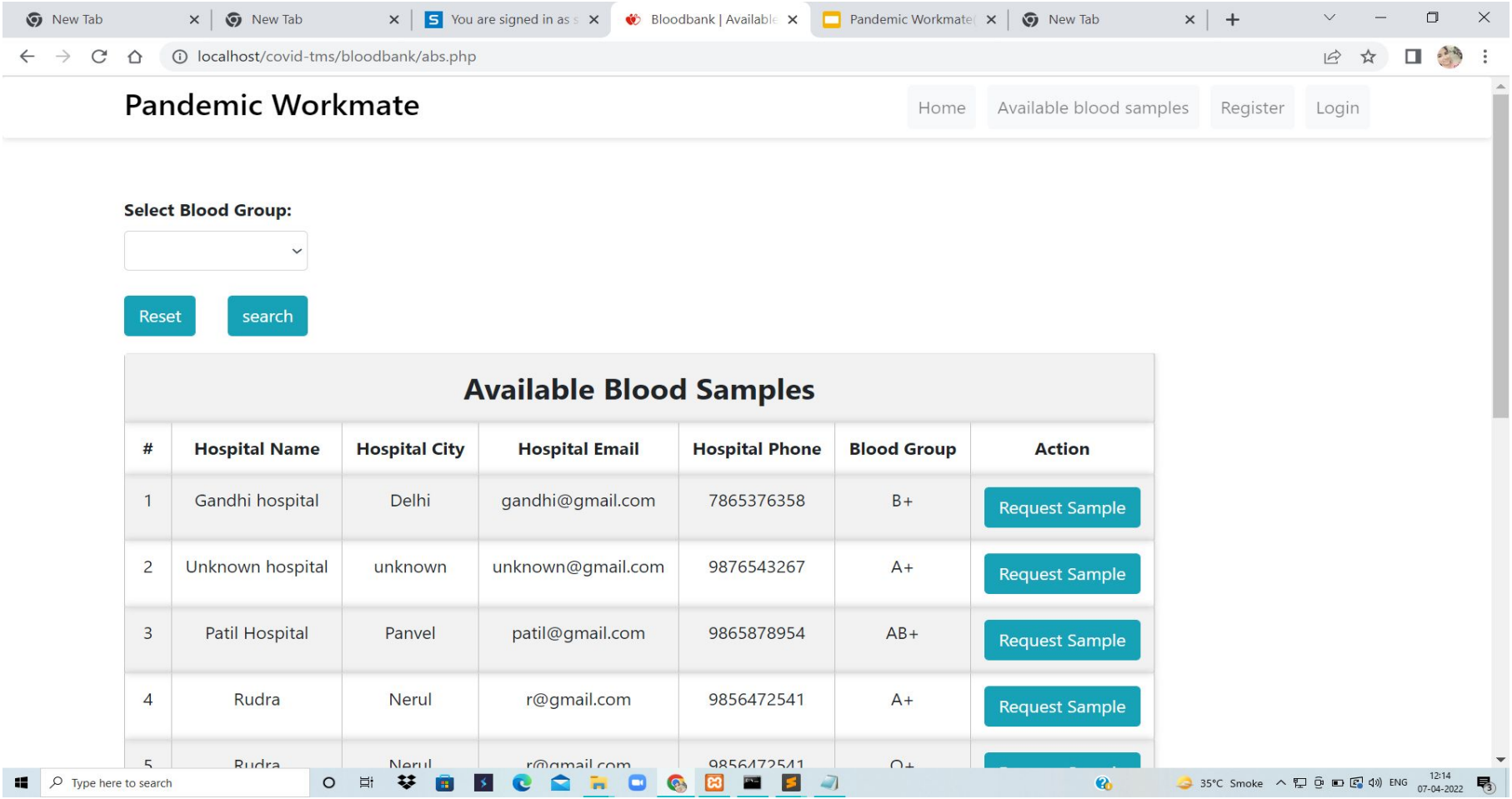


Screenshot 9: Active Donors

BLOOD



Screenshot 10: Hospital Registration



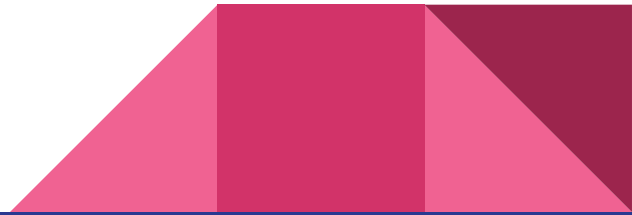
Screenshot 11: Available blood samples

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
2) 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!!!