

ONLINE MEDICINE DONATOR

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Abstract: In this Project is about the collection of unused and who want to donate medicine which is unused by the patient who recovers completely and medicine becomes waste that medicine can be collected and used further. User friendly and more interactive. Future scope may also be conducted to design and develop a mobile application of this portal and assess the performance comparing with this web portal. The aim and object of this project are to prepare an online portal for the collection of unused medicines so that they can be given to the people who are in need. What this project will do is, collect the unused medicines from the people who have completely recovered from the illness and do not require the tablets anymore. After the collection of these medicines, they would be handed over to the NGO's which would check the medicines and then if approved will be given to the people directly or to the hospitals who will be giving out these medicines for free. There must be a log in for the Donor & NGO. Donor can see all details of user hand out medicine. The most critical section of the project plan is a listing of high-level product requirements, also referred to as goals. All about only helps poor people and reduce the number of deaths of the poor people. All of the software product requirements to be developed during the requirements definition stage flow from one or more of these goals.

Keywords: Online medicine donate, NGO,

I. INTRODUCTION

Even if well organized and monitored, tablets donation can save lives and alleviate suffering. Actual donation practices can provide economic savings in

optimizing investment budgets so that these centres can be used for other purposes. The Online Drug Donation System acts as a bridge between a massive community of drug donors and NGOs—an

old home. The NGO is a self-governing, non-revenue-driven organization of states and all modern administrative organizations. They are usually maintained with the help of profits, but some are entirely kept away from formal funding and run with the help of volunteers at heart. Internet users have improved rapidly in the last year or two, and the account is still very easy for users to use the website. As we know, there are many current pharmaceutical donation sites; they are less than standard sites anymore and require more manual information solutions. We can increase new and future image processing technology to overcome this problem in the future. With this technology, we can solve all the above difficulties and offer consumers a very friendly website.

Life is an important issue in the human race. Recently, many people have suffered from health problems. In developing countries, health care is an essential part of life. Due to lack of doctors & paramedical staff, people in developing nations have limited access to health care facilities [1]. Therefore, healthcare is in high demand in those nations. India is among the developing countries. India has developed public health and raisin programs and organizations in the private sector. Also,

access to health services in India following the merger plays important roles:

1. India is a populous country. The population of India is around 1.38 billion by 2021. The population of India is 382 people per sq. km.
2. There are an estimated 1.34 doctors per 1,000 Indian citizens, as per the World Health Organization (W.H.O). [3]
3. Poverty eradicates the well-being of the people and the poverty of the nation while creating public health fears.

Because in those competitions, the general public who live below the poverty line do not pay for physical care. Aside from the "medicine dose", it is the most important thing for most of them.

Therefore, they cannot get money for good health facilities and medicines; they are affected by many diseases, and many people sacrifice their lives because of this problem. On the other hand, people living in extreme poverty can find the money for many necessary medicines and keep medicines for later use [2].

Here, we intend to create a website to help collect new drug treatments from donors through NGOs and gifts for people with low income or who don't have enough money. Accurate scientific services and accredited doctors. Should recommend

some medication to low-income people who use this online site.

We are also helping assess essential drug therapies' provision to NGOs.

Because of poverty, many people in the United States suffer from deprivation, cannot afford expensive medicines, and cannot use drugs properly. From the survey we created, we have seen that 86.9% of humans feel there should be a trustworthy platform where they can donate their leftovers or new drug treatments; they also found our portal to be reliable and willing to donate. Medicines in our portal and helping needy or poor human beings by donating drug treatments to them; hence we have this purpose as the main reason behind the development of this web portal.

We have kept an open poll as a discussion forum to find out why now humans don't need to get medicine from a trusted platform or affiliate web portal. Some humans cited several reasons, including an agreement with the ingredient or checking the expiry date. Also, people have a lot of doubts about the expiry date of medicines, so we decided to create an additional set of rules to validate the expiry date on the portal itself. Therefore, we put a cap on checking the expiry date of medication.

II. LITERATURE SURVEY

This part of the literature study ultimately presents some facts based on the speculative study of many writers who work in this way

This internet site includes using leftovers or things a passive person can use. This web page comprises many depressed people from various NGOs to know our buyers present. So the customer will get all the music in his file. It was revised Drug Donations Guidelines 2010 WHO Library Catalog of Revised Drug Donations Publication Data Guidelines 2010

1. Pharmaceuticals for supply and distribution.
2. Basic capsules for supply and distribution.
3. Relief work.
4. contingencies
5. Inter-institutional relations.
6. WHO Guidelines ISBN 978 Ninety-Two 4 150198 Nine Points: 330 First Edition 1996, Second Edition in 1999, Third Edition in 2011 WHO developed this third model of guidelines for therapeutic donations in collaboration with major global companies involved in humanitarian aid and improved assistance. The guidelines aim to improve the quality of drug donations in the care of sizeable international improvement and emergency

resources. Like suitable therapies, donation training is essential for all donors and recipients.

Many portals have donated the fund to help assess the health and address the burdens of the poorest human beings - Social and Environmental Management Organization MESCO: Give India was established on 28th April 2000 with the assurance that the same possibilities are the cornerstone of civilization.

All human beings should have an equal opportunity to thrive in their lifestyles, regardless of their circumstances.

However, this is not always true. India's diversified economy witnessed a growth rate of 10.91% in 2016-17 compared to 8.50% in 2015-16. India has also created a high speed of the most expensive people with a prosperity rate of 9.5% compared to Asia's prosperity rate of 7.5%. To date, 36% of children under five in India are malnourished*, 51% of women of childbearing age are anemic*, 33 million young people no longer progress to secondary school and suffer various forms of child abuse, and still, 350 million Indians are facing open eviction due to lack of sanitation facilities, and nearly 18 billion villages in India still do not have access to garage water facilities. Give India hobby trading this range.

They do this by bringing together people willing to donate and organizations working to make a difference.

The consequences of poverty are many and affect families for generations. Breeding an epoch or providing income to families can help reduce the cycle of congenital disabilities. The United States of America inhabits India, and our humans are essential to us. If we can help, we can be strong enough to solve our problems. We can be sure enough that we as a society may need some guidance if we are to lead a lifestyle. [5]

ONG Amistad, Donate - Provide to direct or improve existence in a significant way - ONG Amistad:

Friendship is an international social action movement driven by a worldview in which human beings, especially the hard-to-reach and non-verbal, have an equal opportunity to live with dignity and desire.

A social purpose organization (SPO) is an agency that deals with social problems and generally puts the activities of the groups it serves first.

The idea of friendship has mostly stayed the same over the past two decades. It is more relevant than ever in an international nation facing demanding situations worldwide, such as exclusion,

environmental hardship, extreme poverty, inequality and injustice. [6]

Medshare.Org, offering medical services - Med Share:

Med Share is a charity that actively helps illuminate the fulfilling existence of human beings, our planet, and communities by offering, as well as guiding, imparting more and more drug and drug treatment services at a group level. In addition, Med Share helps increase healthcare management volume and maintain viability by providing live assistance, education and delivery services to healthcare professionals and clinical agencies serving needy people.

Med Share's distribution of potent medical and mechanical products has reduced the overall performance of our state, delivering restoration, health, and the promise of a desirable life to the masses of states and countless patients.

III. PROPOSED METHODOLOGY

According to the WHO, around 469 million people in India do not have regular access to essential medicines and medical supplies. Barely 20% of the total population can afford the required medical treatments and medicines. In such times it is necessary to find a way out or at least try to make sure that people in need of medicines and supplies get access to it.

One way is to donate unused medicines. Here we designed an Online Medicine Donation System in java, which has 3-main roles i.e. Donor & NGO. The main aim and objective of this medicine donator project is to develop / build a website for the collection of unused medicine from Donors for further utilization by Needy persons.

Currently, we will be providing the services of login and registration to users and NGOs and the donation of medicines carried out in the moderation of admin. But, in the future, it can be expanded to provide treatment to the user via video consultancy with doctors providing prescription upload feature. It can very beneficial to the user because as per the current situation of covid19 it is very important to follow governments rule and regulations. The feature of video consultancy with a doctor is the best option for the future scope for the portal.

THEORY DESIGN

This section focuses on the conceptualization of our program which is an illustration of a program that forms the main concept that could be utilized to imitate and understand our program.

The web-based program would be a space between authorized sources (NGOs) and users that will deliver medicines to needy

people. Sponsors may hand out their medications via this web-portal and registered physician could recommend medications to the patients who cannot afford these expensive medications.

Participants in our program are providers of pharmacists, recipients who will receive free medicine and linking resources that any NGO can respond to by maintaining a list of drugs, donor details, recipient's information, availability of drugs and can respond by collecting drugs from donors and prescribing drugs to recipients and thus complete the program. [10]

NGO's and pharmacists or providers need to create an account on our web portal where the system will verify the account and the information provided by the provider and NGOs. During the registration, name, address, registering email ID and password of the user will be mandatory.

IV. IMPLEMENTATION

1: Admin

Site web-based application the administrator is the super user of this application. Only admin has access to this admin page. The administrator has all the information about all the users, Volunteers, and Available Medicines. This module is divided into different sub modules. Admin approves volunteer requests because

without approval volunteers cannot log in. admin select volunteers and assign respective medicines.

2: User

The user who wants to donate the medicine will first have to register themselves on the portal and verify their phone number.

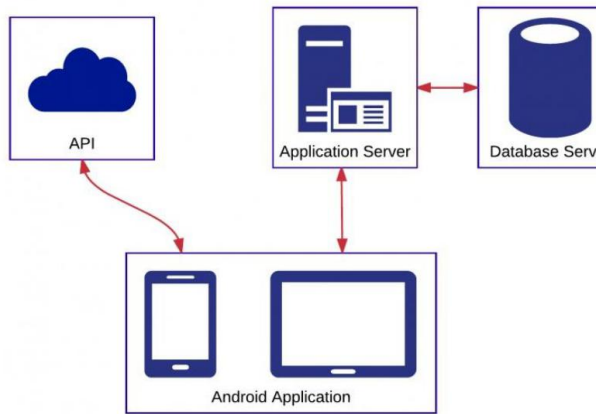
- After successful verification he can log in to the portal.
- Fill in the necessary details of medicine and scan barcode and click on donate medicine.
- User can see donated history and information about the volunteer who is going to arrive to pick the medicine. The user will get the reward points as a perk for the donation of medicine from the NGO side.

3: NGO's / Medicals the user (donor):

Who accepts the request and donate the particular medicine will automatically send a request to NGO's volunteer for pickup. It will consist of medicine description sender address and delivery to (NGO's address) he will receive the notification and as soon as he accepts it, he will go for the pickup to users address and scan the medicine if it is right as per mentioned before he will accept the medicine and deliver it to the NGO's who had requested it.

SYSTEM ARCHITECTURE

Fig.1 System architecture



V. RESULTS

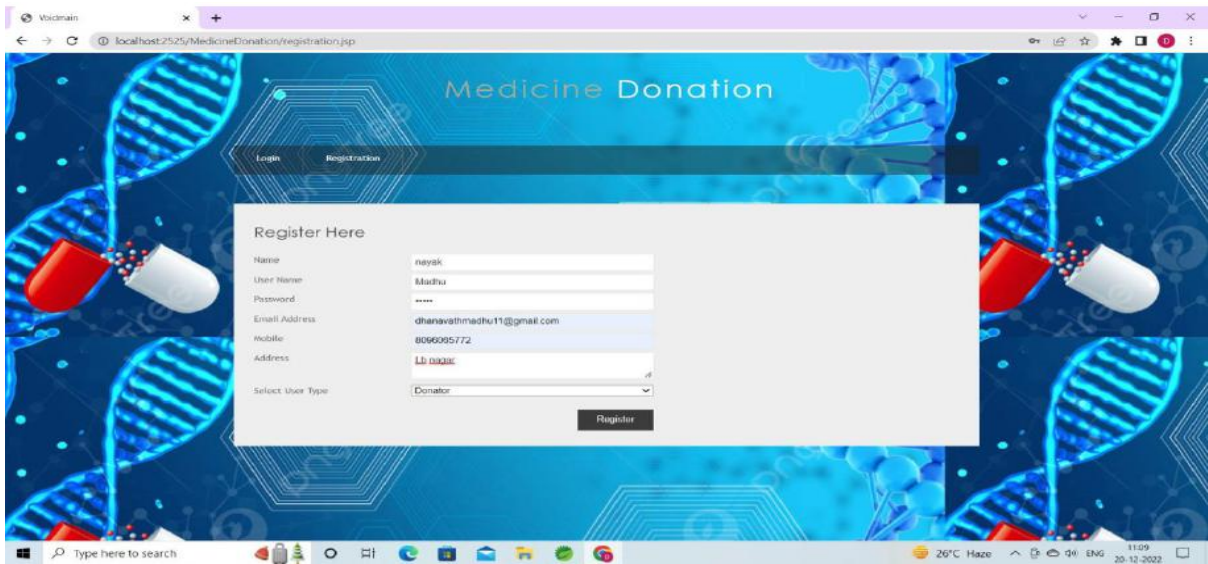


Fig.2 Donar Registration

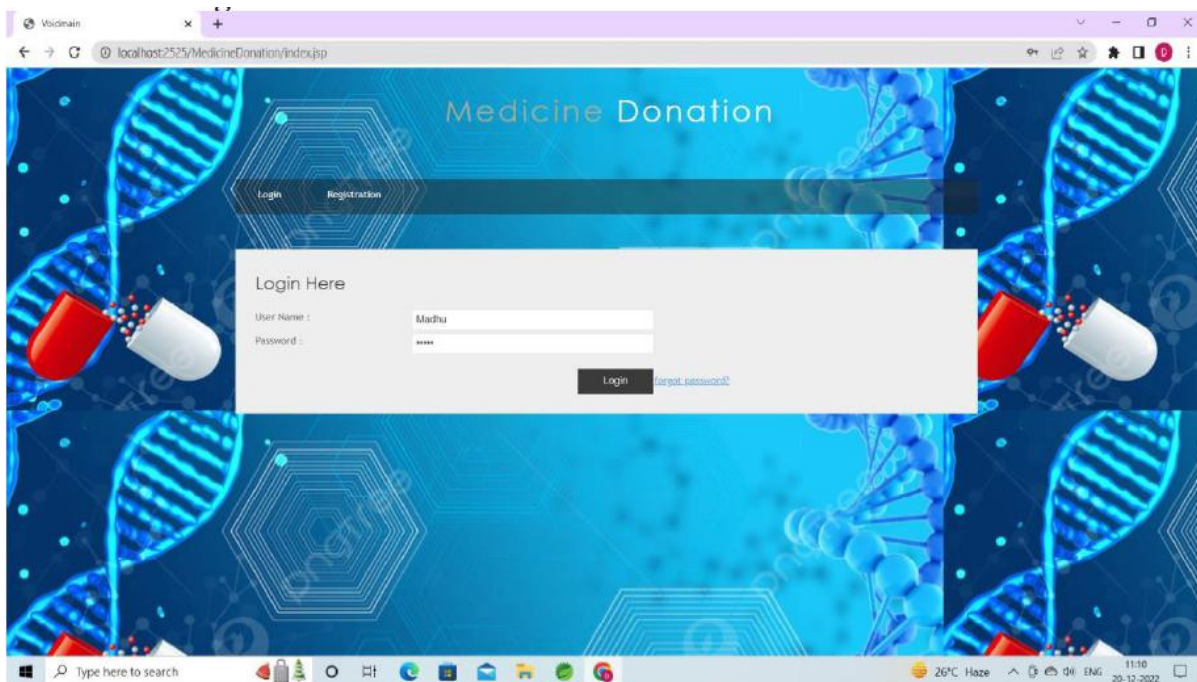


Fig.3 Donar login page

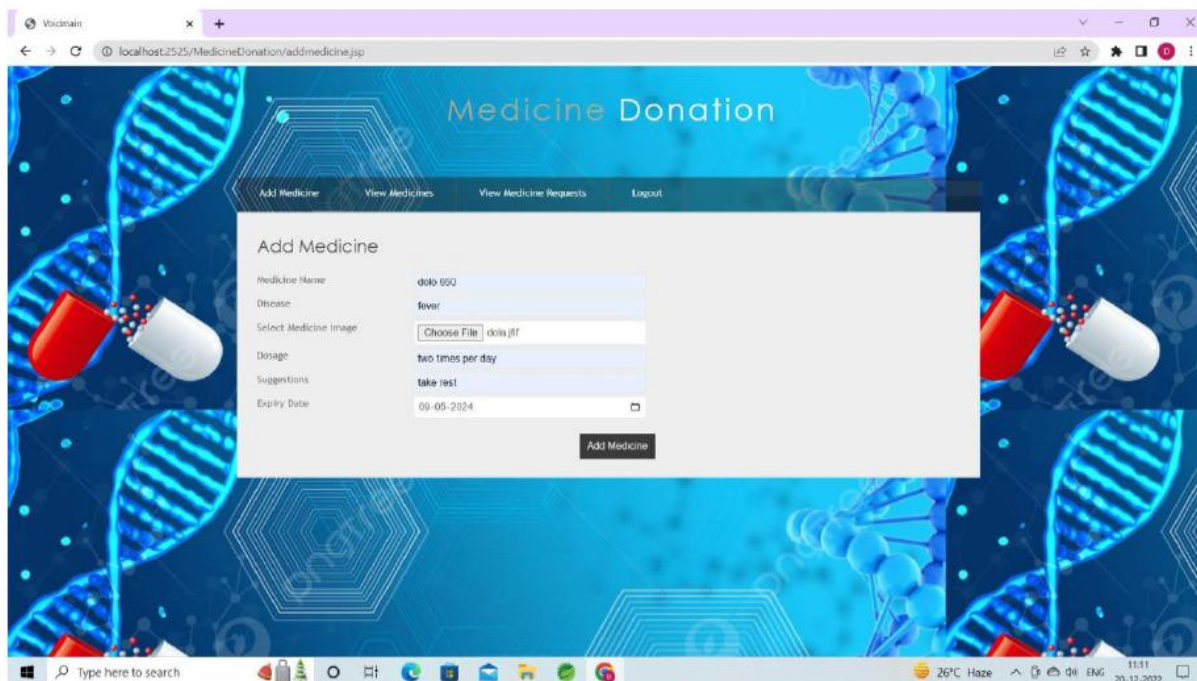


Fig.4 Donar add medicine

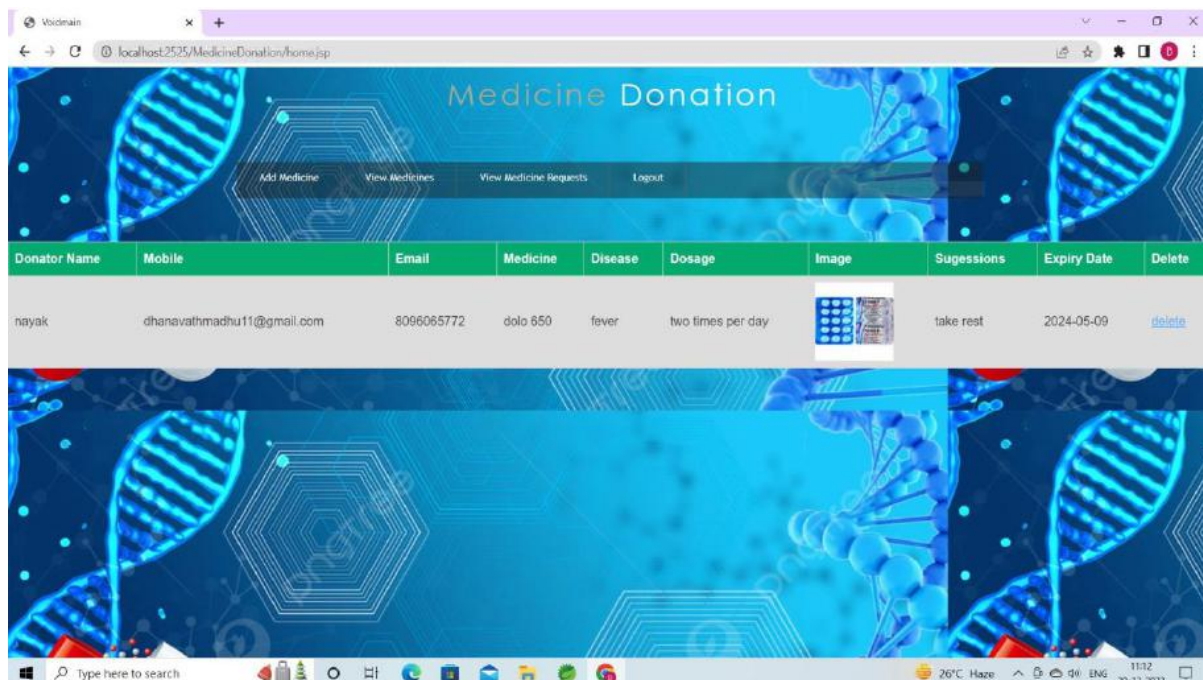


Fig.5 Donar view medicine

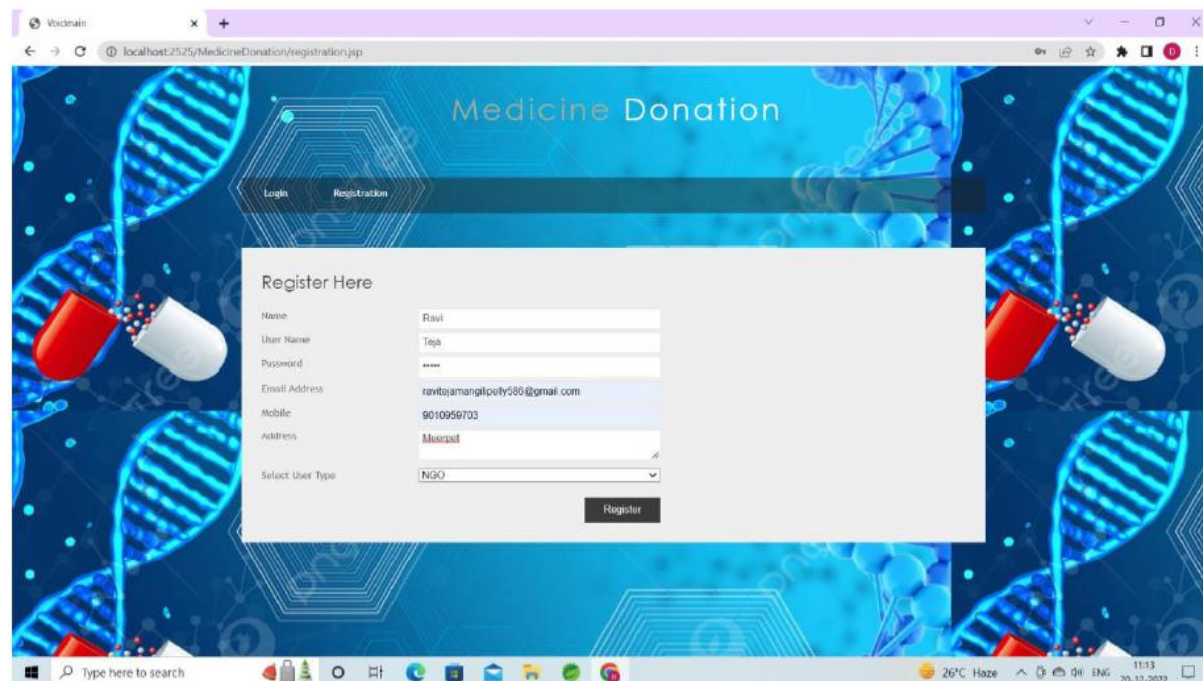


Fig.6 NGO Registration

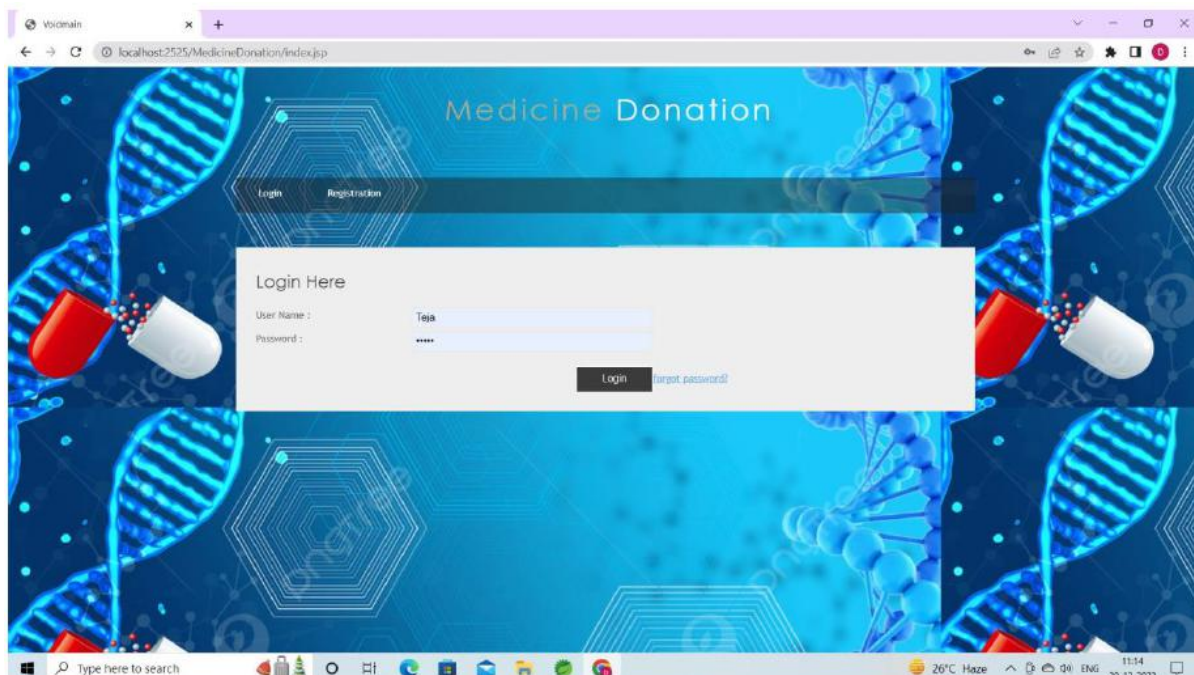


Fig.7 NGO Login

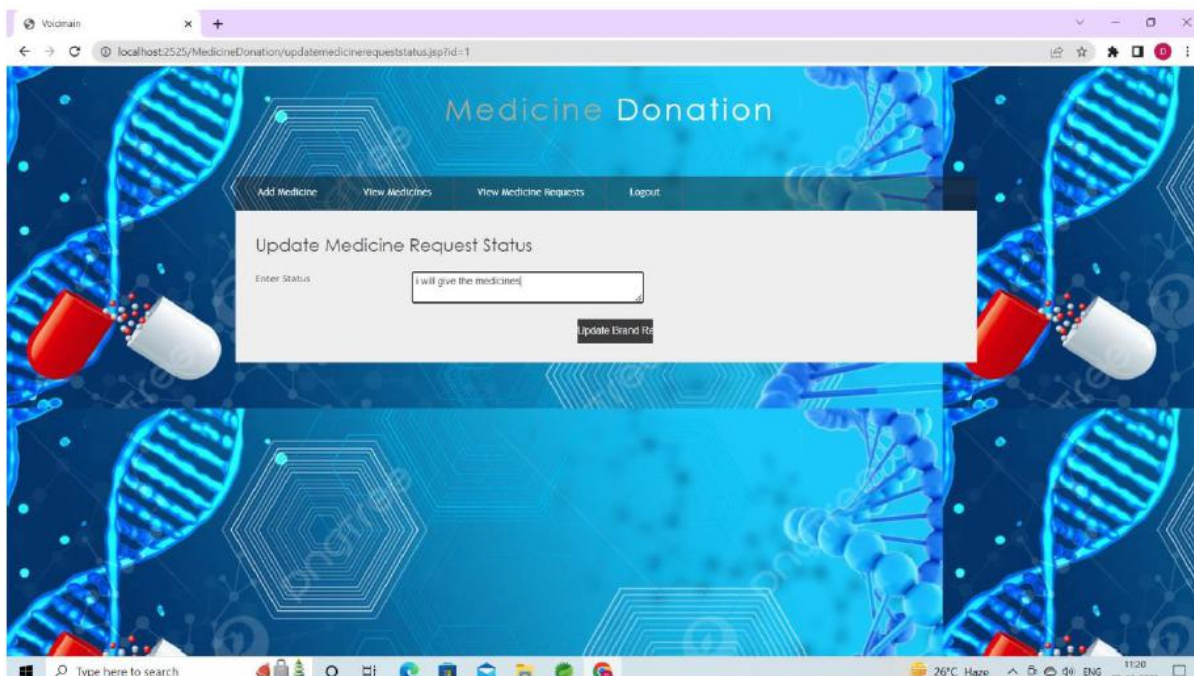


Fig.8 Update medicine request status

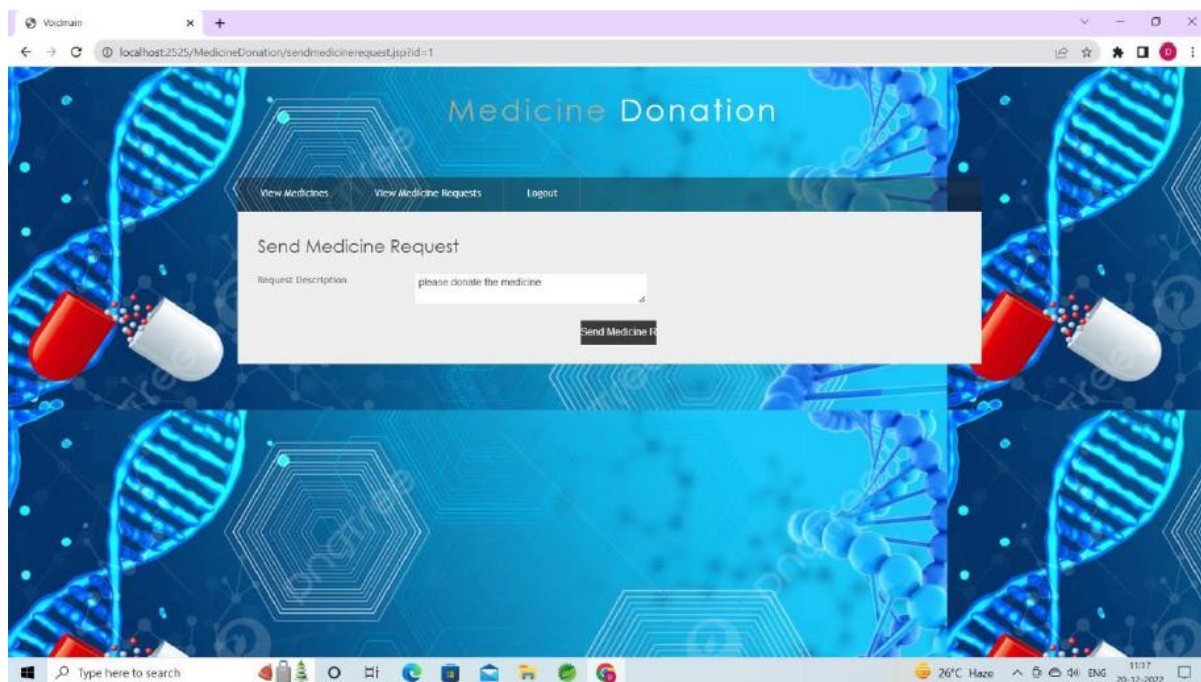


Fig.9 Send medicine request

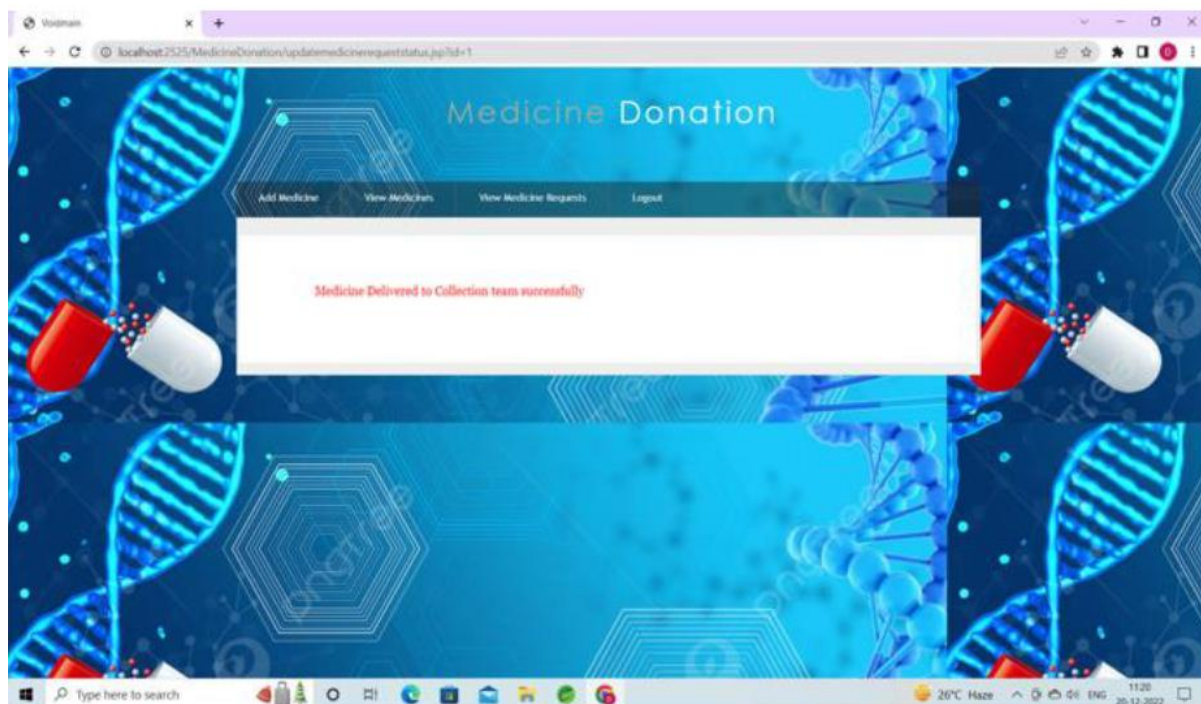


Fig.10 Medicine delivered

VI. CONCLUSION

Present day period has started. Individuals both, privileged or unprivileged, proficient or ignorant are now conscious about their health. It is sad that even though needy individuals are in distress they can't give a lot of consideration to their medical services routine in light of the fact that of their low pay. NGOs show incredible drive by giving free treatment to the people who cannot afford expensive medicines. Yet, in most of the cases, they get the treatment but not the costly prescribed medicines. So, in the bigger picture, this incredible act of giving free treatment to the people becomes useless as they would need to buy the costly prescribed medicines by themselves. Project gives a brief outline of the plan and improvement of our proposed online portal, which will be extremely successful and will bear incredible commitment to get the well-being administrations for these needy people. Because of this portal we hope that even the wastage of medication will be diminished.

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