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Medicare: An Unused Medicine Donation System

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ABSTRACT: Numerous individuals in India live in extraordinary destitution. So, it gets to be troublesome for those individuals with less wage to pay for their wellbeing care and medicine. As a result, they live with a few infections and as a result, the number of deaths increments day by day. Separated from that, there are different individuals who are left with medications which they don't require any longer. Here, we have set up a site for giving medicines to NGOs. This program will offer assistance individuals in giving their unused medications to NGOs and they can disperse them to individuals who require them. This application is moreover helped in evaluating the accessibility of fundamental drugs for adjacent NGO's. The objective of this project is to give unused medicines. Unused pharmaceutical can be given to the needy for further utilization. This application helps clients give unused medications to NGOs. Administrators oversee individuals by logging in and erasing and blocking clients who have given incorrect or expired medicines. The administrator needs to affirm the close date of the uploaded picture. NGOs offer assistance oversees stock and track accessible medications.

KEYWORDS: Online Portal, Unused Medicine, NGOs, Donation, Collection, Internet.

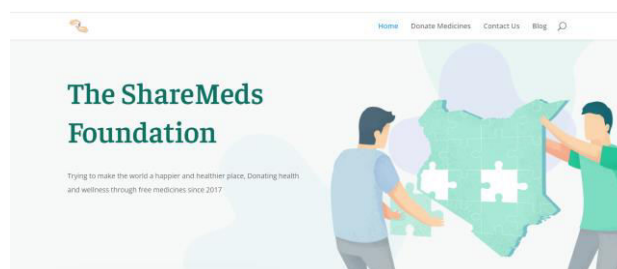
I. INTRODUCTION

Life is a vital 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. Therefore, the demand of healthcare is higher. India is among the developing countries. India has developed public health and raising programs and organizations in the private sector.

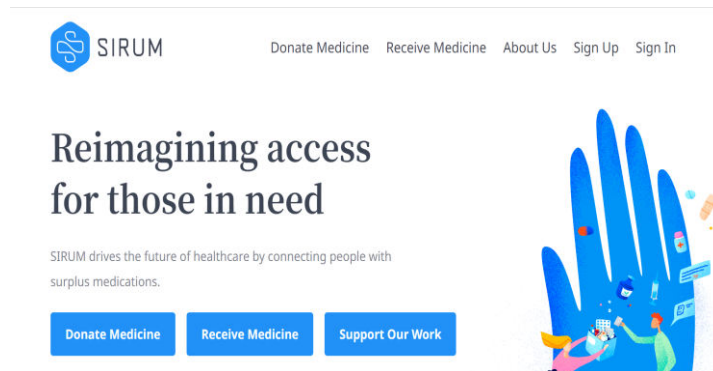
About 6.7% of the whole population of India lives under the country's poverty line. Therefore, they cannot afford the good healthcare facilities and medicines, suffer from several types of illnesses, and several people donate their lives due to this issue. People living in extreme poverty can afford many types of medicines required and can also keep medicines for further use. Due to poverty, many people in the country aren't able to buy costly medicine, and many people can't utilize the medicines they have properly. From the survey that we have created, we have seen that 86.9% of people feel that there should be a trusted platform where they can donate their unused medicines and they also found our application to be a trusted platform and they are ready to donate the medicines on our application and help the needy or poor people by donating medicines to them and then we can conclude that we have this reason behind developing this web application. We have kept an open survey as a discussion forum to hear about why people do not want to receive medicines from a trustworthy platform or a trusted web application where some people discussed many reasons behind them and the main reason is the trust factor or expiry date validation. Also, People have many doubts on medicine expiry date so, we have decided to also check for the expiry dates of the medicines beforehand.

II. RELATED WORK

There are several websites available on internet with almost similar motive like <https://sharemeds.in/donate-medicines/>

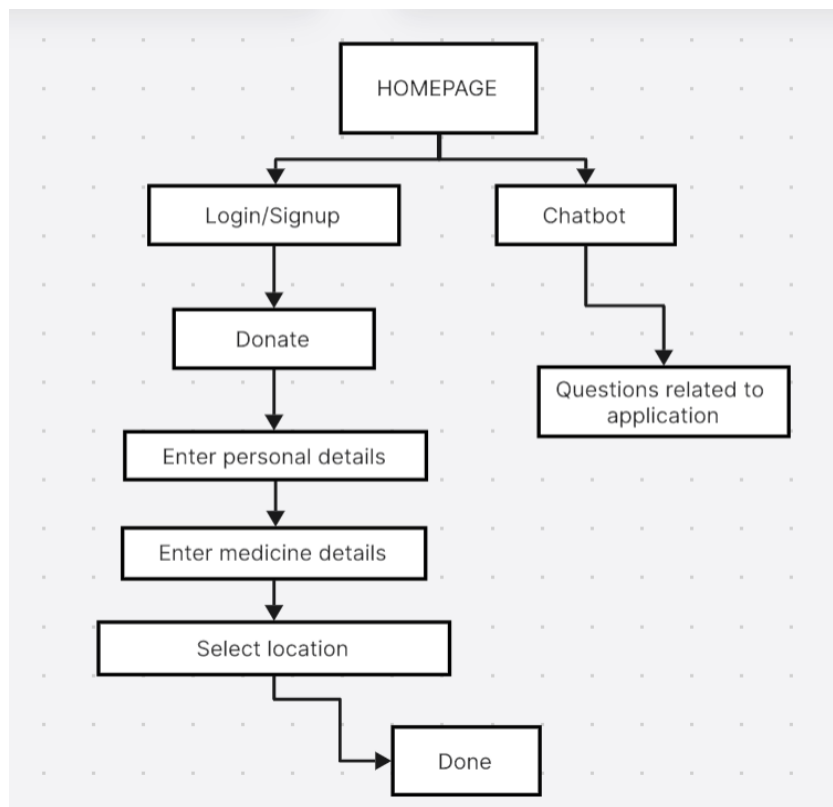


And <https://sirum.org/>



These websites are used to donate medicine but there no facilities for the users to see the nearby NGOs from their location. Also these websites don't check for the expiry of medicines before resulting in wastage of medicines. In our application we have provided the user to search for their nearby area and display the NGOs in their areas on Google maps.

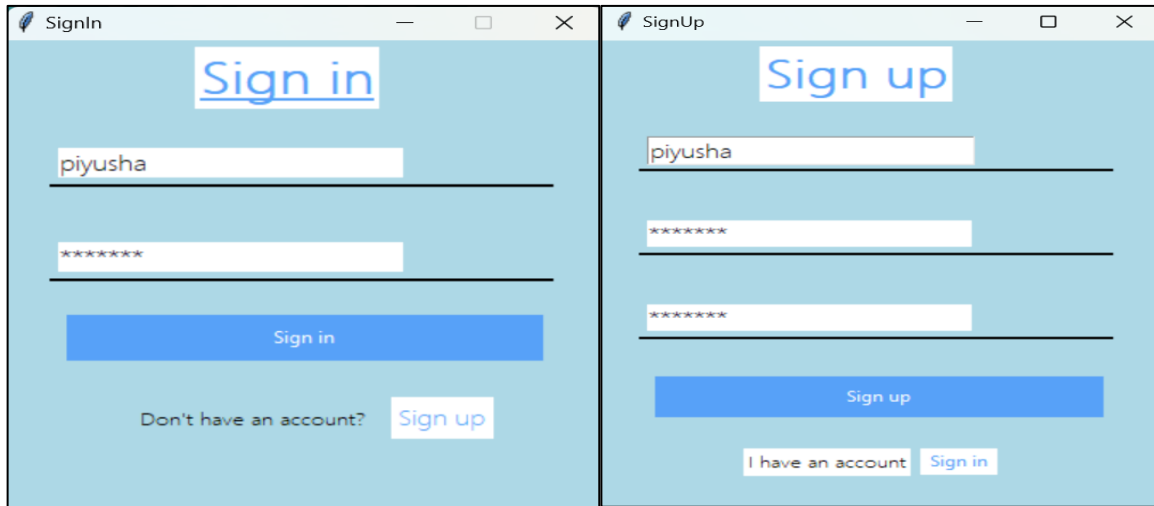
III. PROPOSED METHODOLOGY

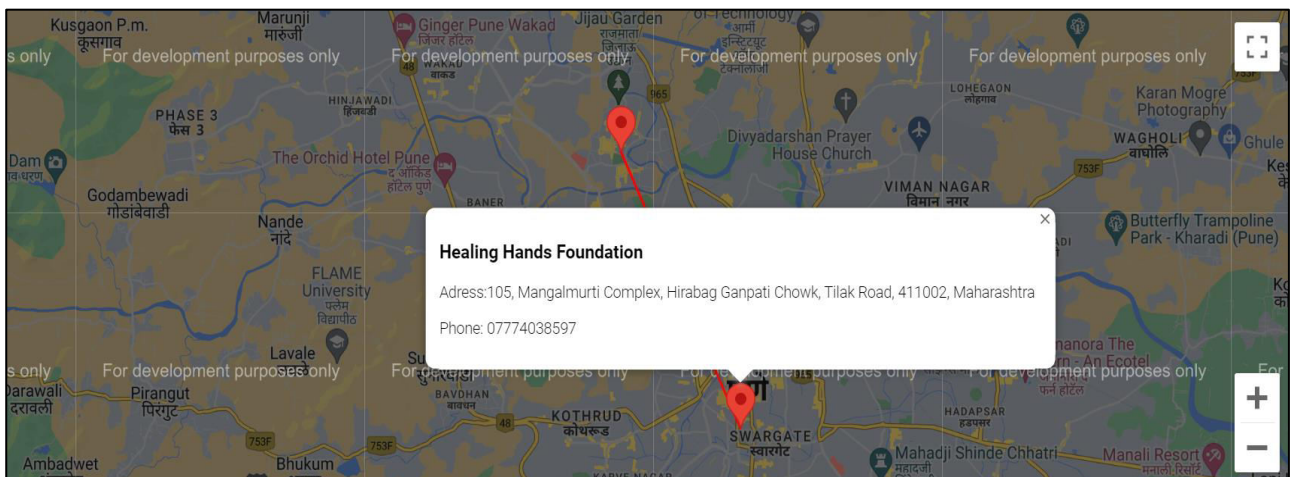
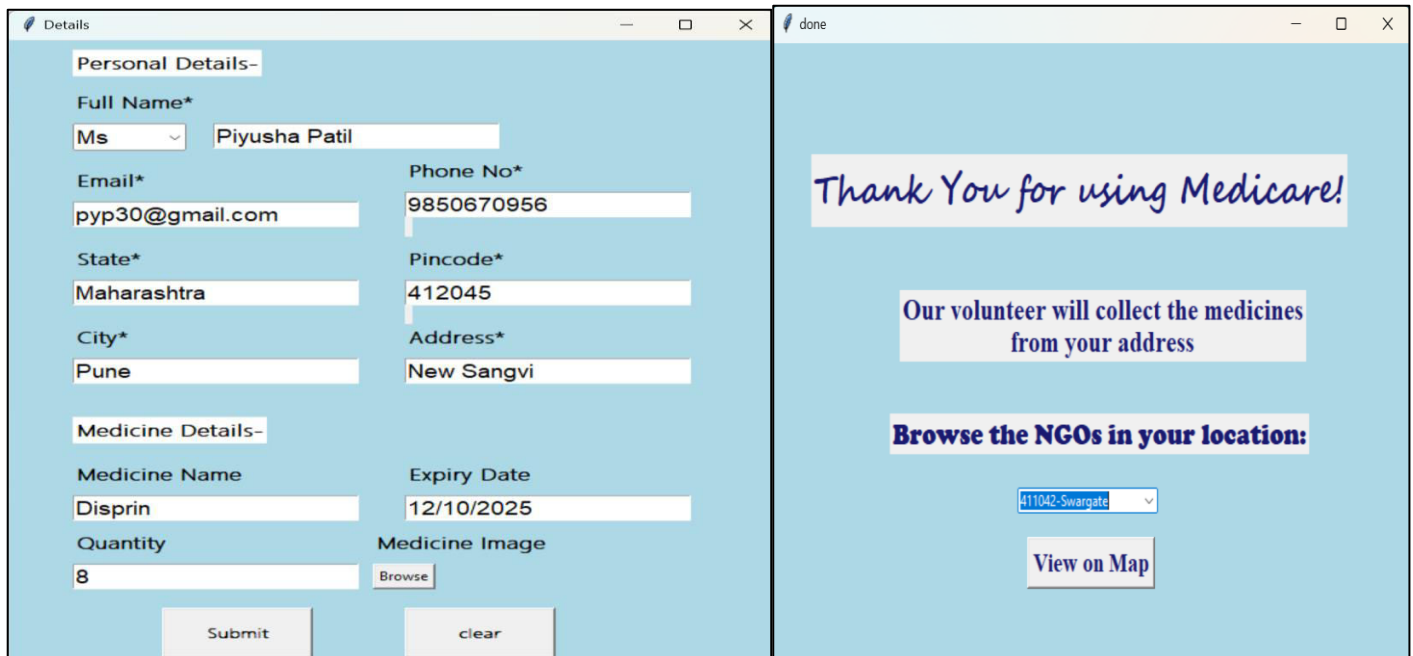
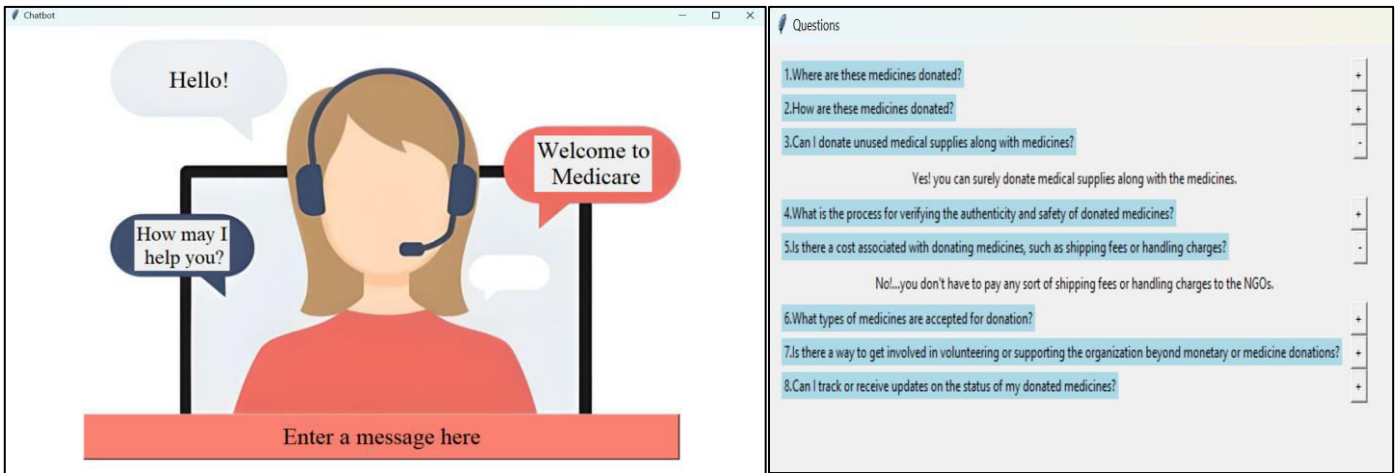


IV. SIMULATION RESULTS

The simulation results for the medicine donation application indicated promising outcomes, with a notable increase in user engagement and participation. The application's intuitive user interface and comprehensive features contributed to its success in attracting and retaining users. The data management practices implemented within the application ensured the security and privacy of user information, fostering trust and confidence among users. Additionally, the application's strategic partnerships and collaborations with NGOs enhanced its effectiveness in facilitating responsible

donation of the medicines. Overall, the simulation demonstrated the significant potential of the medicine donation application in promoting the donation of the unused medicines to the needy people.





V. CONCLUSION AND FUTURE WORK

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 his paper will demonstrate the successful implementation of an internet-based approach to medicine donation and usage on a real-time basis. This project of medicine donation in the future has the ability to become a full fledge application where all the facilities related to medicines and healthcare will be provided. In future, it can grow to provide users treatment online without visiting the place and also provide prescriptions on the application itself. For future growth of the application, we are planning to merge the healthcare facilities along with medicine donation like blood donation, e-consultation, etc like facilities are part of the portal in future. So, in future this application can grow to become an e-commerce portal for all the medications and healthcare related stuff.

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