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LifeGift Organ Donation Website

Shruti Ghorpade, Aditi Tambe, Nilakshi Sonmale, Mrs. Deshmukh P.S.
Student Department of Computer Engineering KBP Polytechnic, Satara, India

Abstract: ***The LifeGift Organ Donation Website is a web-based application developed to simplify and improve the process of organ donation. In traditional systems, lack of coordination, manual record keeping, and delays often result in difficulty in finding suitable donors on time. This system provides a centralized platform where users can register as organ donors and recipients can search for available organs easily.***
The application maintains a digital database of donor information, which helps in quick access and efficient management. It improves communication, reduces errors, and saves time. By using modern web technologies, the system enhances transparency and increases awareness about organ donation. Overall, the proposed system helps in faster decision-making and contributes to saving human lives.

I. INTRODUCTION

Organ donation is a life-saving process that helps patients suffering from organ failure. However, the traditional method of organ donation involves manual processes, paperwork, and lack of awareness, which leads to delays and inefficiency. Many patients are unable to receive organs at the right time due to poor coordination and lack of proper systems.
The LifeGift Organ Donation Website is designed to overcome these problems by providing an online platform for managing organ donation. It allows users to register as donors and enables recipients to search for suitable donors quickly. The system improves transparency, reduces manual errors, and ensures better communication between users.

II. PROBLEM STATEMENT

The current organ donation system is inefficient, time-consuming, and lacks a centralized platform for managing donor and recipient information, leading to delays and missed opportunities in saving lives.

III. OBJECTIVES

1) To develop an online platform for organ donor registration
2) To maintain a centralized database of donors
3) To enable quick searching of suitable donors
4) To reduce manual work and errors
5) To increase awareness about organ donation
6) To improve efficiency and save lives

IV. SYSTEM OVERVIEW

The system consists of three main modules: Donor, Recipient, and Admin. Donors can register and provide their organ details. Recipients can search for available donors based on requirements. The admin manages and verifies the data. All information is stored in a centralized database, which allows easy access and quick processing.

V. SYSTEM WORKING

1) User logs into the system
2) Selects option (Register/Search)
3) Enters required details
4) System validates the data
5) Data is stored in database
6) Matching process identifies suitable dono
7) Results are displayed
8) User logs out

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VI. ADVANTAGES

1) Reduces manual work and errors
2) Saves time and improves efficiency
3) Provides centralized data management
4) Improves communication between users
5) Helps in saving lives

VII. APPLICATIONS

1) Industry:
   Hospitals and healthcare systems
   Organ donation organizations
2) Education:
   Medical colleges
   Training institutes
3) Daily Life:
   Public awareness platforms
   Social service organizations

VIII. CONCLUSION

The LifeGift Organ Donation Website provides an efficient and reliable solution for managing organ donation. It simplifies the process of donor registration and searching, reduces delays, and improves communication. The system helps in saving lives by making the organ donation process faster, more transparent, and more effective.

IX. FUTURE ENHANCEMENTS

1) Integration with mobile applications
2) AI-based donor matching system
3) Email/SMS notification system
4) Cloud-based storage
5) Enhanced security features

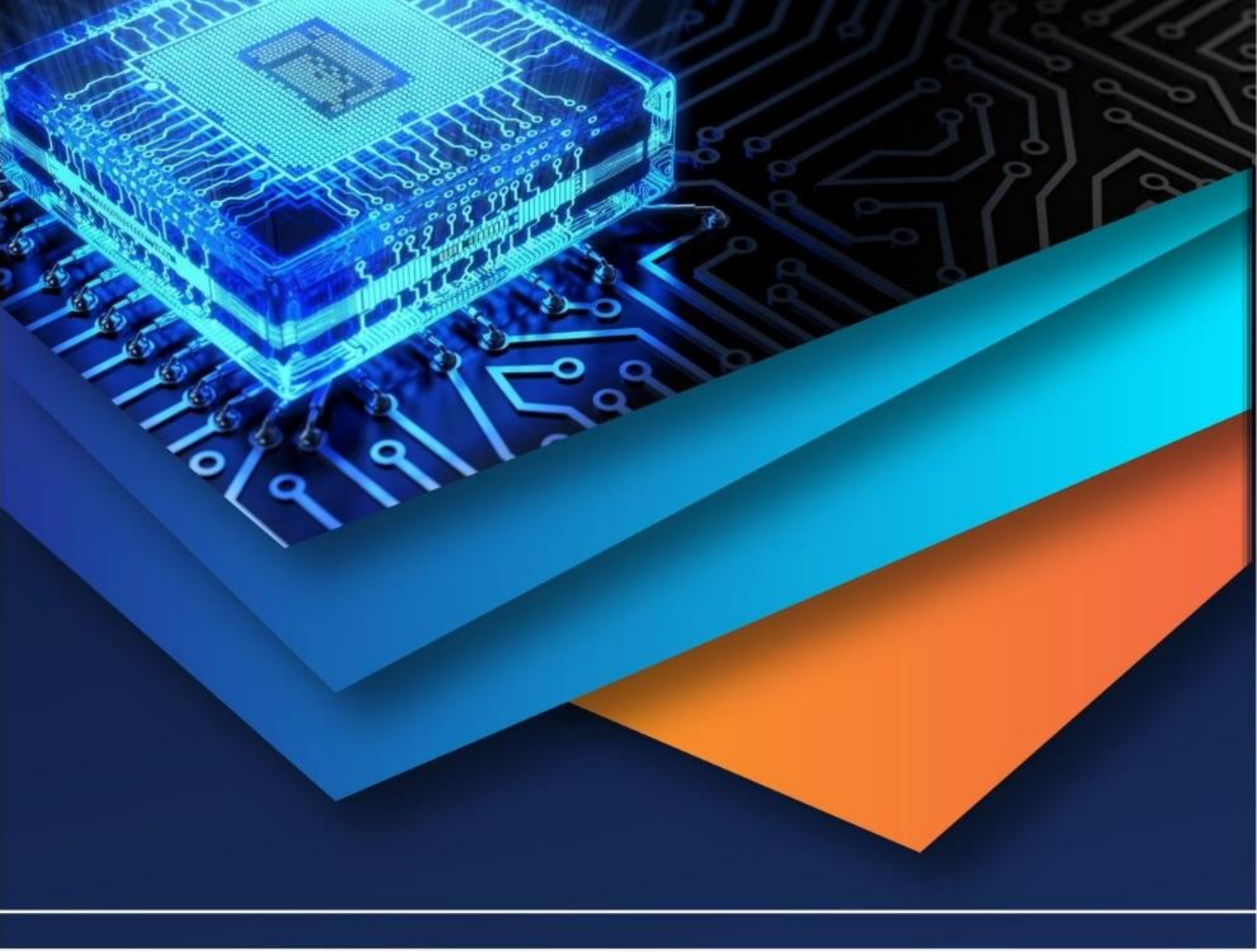
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