

Problem Statement

Many patients face life-threatening delays due to the lack of a centralized system for finding matching organ donors. The current process is slow and unorganized, making it difficult for patients to connect with hospitals that have available organs in real-time.

Solution

- Developed a web-based platform named Organ Finder to help patients find matching organ donors.
- Enables users to search for available organs based on organ type, blood group, and location.
- Connects directly with hospitals to provide real-time availability of organs.
- Provides a user-friendly interface for easy access by patients and their families.
- Ensures secure registration for donors, recipients, and hospital authorities.
- Includes a notification system to alert users when a suitable organ is available.

Competitive Landscape

- Government Portals (e.g., NOTTO): Offer organ donation registration and data. Limited user interactivity and real-time search features.
- Private Hospital Networks: Some hospitals maintain internal donor-recipient databases. Lack of centralized access for patients outside the network.

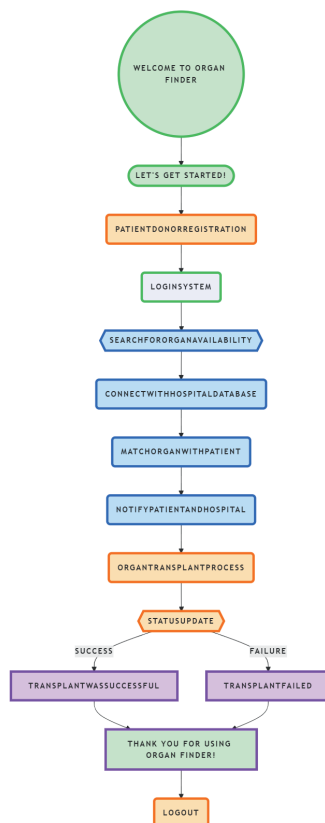
Conclusion

Organ Finder helps patients quickly find matching organ donors by connecting them with hospitals in real-time. It makes the process faster, easier, and can save lives through timely access to organs.

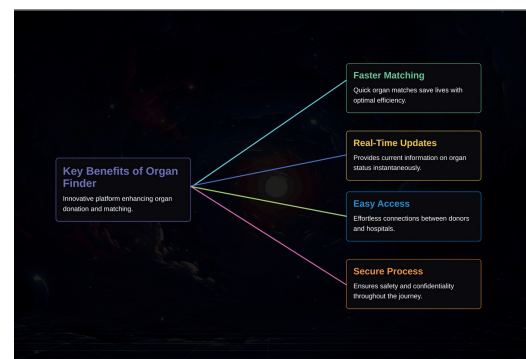
INTRODUCTION

Organ donation is critical, but delays and inefficiencies in matching donors and recipients lead to loss of lives. Organ Finder addresses this by providing a web platform that connects patients with hospitals offering available organs in real-time. The system enables faster organ matching based on type, blood group, and location, with secure registration and notifications to alert users when a match is found. The goal is to improve organ donation efficiency and save lives.

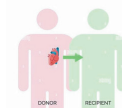
Architecture



Key Benefits



Objective



1. To create a platform that connects organ donors and recipients, improving the speed and efficiency of organ matching.



1. To ensure transparency and security in the organ donation process through real-time updates and a centralized database.



1. To improve survival rates by facilitating quicker access to matching organs from hospitals.