

Project Group 13

Project Title - Organ Donation Management System

Group Members -

1. Mohammed Hazique Shaikh
2. Monalika Pradhan
3. Mrunal Sandeep Mahajan
4. Shriya Kenkre
5. Srilakshmi Palleboyina

Mission Statement - Our goal is to develop a database management system for organ donation that makes it easier to manage organ donations and transplants effectively. This system will encourage fair, responsible, and simplified procedure, improving patient outcomes and increasing the number of lives saved through organ transplantation.

Objectives –

1. To establish a consolidated database which will register and track the organ donors and receivers.
2. To ensure proper pre-examination (vital signs) of the recipients and donors stored in a database
3. To enhance compatibility and urgency-based matching of organ receivers and available donors.
4. To ensure a fair distribution of organs, the organ allocation process should be made more transparent.
5. Achieve efficient interaction and cooperation between transplant facilities and healthcare providers.
6. To effectively track the preservation time for body organs and streamline the transportation process of organs from donors to receivers
7. To continually evaluate the system to ensure that it works as efficiently and effectively as possible to save lives through organ transplantation.