# Organ Donation Management Database System

## Background

Organ donation serves as a crucial beacon of medical hope for those desperately in need of organ transplants. We're developing a database management system connecting patients with potential organ donors. This integrated approach aims to optimize the organ donation process, offering a secure and streamlined experience for both patients and donors.

## Mission Statements/Objectives

**Data Storing and Indexing:** Identifying people who would be categorized as doctors, patients, employers, and donors. Also, organs and facilities in the hospitals

**Facilitate Organ Transplantation:** Improve organ transplant success rates by effectively matching patients with viable donors.

**Access Management:** Implement advanced access management based on donors, patients and hospitals.

**Data Archiving:** Create a data archiving system to efficiently store former organ transplant records, enabling for the retrieval of past information as needed.

**Data Querying:** Create SQL queries to retrieve information on donors and recipients, as well as matching algorithms to find possible organ matches.