“Organ Harbor Donation System”

A Project Report (CS610) submitted to the

Maulana Azad College of Arts, Science & Commerce

Dr. Rafiq Zakaria Campus, Dr. Rafiq Zakaria Marg, Rauza Baugh, Aurangabad-431001.

Dr. Babasaheb Ambedkar Marathwada University

Aurangabad-431001

Department of Management Sciences & Computer Studies

(BCA & BCS)

For the award of the degree of

Bachelor of Computer Science (BCS)

By

Shaikh Fardeen

Khan Kamran

Shaikh Saad

Research Guide

Mrs . Syeda Ruheena Quadri

Maulana Azad College of Arts, Science & Commerce
Rauza Baugh, Aurangabad-431001

2023-24

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Maulana Azad College of Arts, Science & Commerce

Dr. Rafiq Zakaria Marg, Rauza Baugh, Aurangabad-431001.

Department of Management Sciences & Computer Studies

(BCA & BCS)

C E R T I F I C A T E

This is to certify that, the **research project (CS610)** entitled **"Organ Harbor Donation System"** is a bonafide research project work of "**Mr.Shaikh Fardeen,Khan Kamran, Shaikh Saad"** completed under my guidance and supervision, for the award of the degree **Bachelor of Computer Science (BCS)** under the **Department of Management Science & Computer Studies (BCA & BCS)** bearing the Seat No. NCS060070, NCS060036, NCS060082 and Roll No.09,26,25 Student of BCS 3rd Year, VI Semester for the Academic Year 2023-24.

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& Computer Studies
Maulana Azad College of Arts,
Science & Commerce
Rauza Baugh, Aurangabad-431001

Examiner

ACKNOWLEDGEMENT

I am thankful to our Honorable President **Late Padmashri Mrs. Fatima Rafiq Zakaria** for providing us such well-furnished and healthy environment for education, I also acknowledge my thanks to **Dr. Mazahar Ahmed Farooqui,** the Principal for his endless efforts and encouragement to us. Indeed, the words at my command are not adequate either in form or in spirit to convey the depth of my feeling of gratitude and indebtedness to **Mr. Syed Abeduddin**, (HOD, Department of Management Science & Computer Studies, Maulana Azad College) for encouragement in the execution of this investigation. His special interest in the appropriate presentation of the data and preparation of manuscript will remain static forever in my heart.

I express my deep sense of gratitude to my esteemed guide **Mrs . Syeda Ruheena Quadri** for her/his valuable suggestion during the study and without her/his keen interest this work could not have been successfully accomplished.

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INTRODUCTION

The Organ Harbor Donation System (OHDS) emerges as a pivotal initiative in the landscape of healthcare technology, specifically designed to optimize organ donation and transplantation processes. Over recent decades, the demand for organ transplants has surged, driven by the escalating prevalence of chronic illnesses and organ failure. Despite medical advancements, the supply of viable organs remains constrained, leading to prolonged waiting lists and tragic outcomes for individuals in need. OHDS stands as a beacon of hope, aiming to transform how organ donation is facilitated and managed.

The primary goal of OHDS is to bridge the gap between organ donors and recipients by establishing a centralized platform that facilitates efficient communication, transparent allocation, and timely matching of organs to recipients. Leveraging modern technology, OHDS endeavors to overcome logistical challenges and bureaucratic hurdles inherent in the organ donation process. Through seamless integration of donors, recipients, transplant centers, and healthcare professionals, OHDS aims to streamline every aspect of the donation journey, from initial registration to post-transplant care.

OHDS embodies more than just a software solution; it signifies a paradigm shift in societal perceptions and engagement with organ donation. By fostering awareness, promoting education, and nurturing a culture of altruism, OHDS seeks to expand the pool of potential donors and ensure equitable access to life-saving transplants for all in need. Additionally, OHDS acknowledges the pivotal role of data-driven insights in optimizing organ allocation and enhancing transplant success rates. Through continuous monitoring, analysis, and refinement, OHDS remains dedicated to improving the efficiency and efficacy of the organ donation ecosystem.

BACKGROUND

The inception of the Organ Harbor Donation System (OHDS) arose from a pressing need within the healthcare landscape. Over the past few decades, the demand for organ transplants has surged worldwide, propelled by an increasing prevalence of chronic illnesses and organ failure. Despite significant advancements in medical technology and surgical techniques, the supply of viable organs has failed to keep pace with this growing demand, resulting in prolonged waiting times and, in some cases, preventable loss of life.

Recognizing this critical issue, healthcare professionals, technologists, policymakers, and advocates came together to conceptualize and develop OHDS. The project emerged from a collective acknowledgment of the inefficiencies and challenges inherent in the traditional organ donation and transplantation processes. These challenges include fragmented communication channels, opaque allocation systems, bureaucratic red tape, and limited access to information for both donors and recipients.

The need for a comprehensive, centralized solution became increasingly apparent. Thus, the vision for OHDS was born—a transformative platform designed to revolutionize every stage of the organ donation journey. The project team envisioned OHDS not merely as a software solution but as a catalyst for societal change—a vehicle for fostering awareness, promoting education, and nurturing a culture of altruism around organ donation.

With this vision in mind, the OHDS project team embarked on a journey to leverage modern technology, data-driven insights, and collaborative partnerships to address the multifaceted challenges of organ donation and transplantation. Through extensive research, stakeholder engagement, and iterative development, OHDS evolved into a robust, scalable system capable of facilitating seamless coordination among donors, recipients, healthcare professionals, and transplant centers.

The development of OHDS also involved navigating complex ethical, legal, and regulatory considerations to ensure compliance with relevant standards and guidelines. Additionally, the project team prioritized user experience and accessibility, striving to design an intuitive platform that empowers individuals to participate in the organ donation process with confidence and ease.

PROBLEM DEFINITION

EXISTING SYSTEM:

The current organ donation and transplantation system operates within a framework characterized by fragmented communication channels, opaque processes, and manual or semi-automated methods for matching donors with recipients. Communication among donors, recipients, transplant centers, and healthcare providers typically occurs through traditional means such as phone calls, emails, and paper-based forms. This fragmented communication often leads to information silos, delays, and missed opportunities for timely transplants.

Transplant centers manage donor and recipient information using disparate databases or paper records, making it challenging to access and share crucial data efficiently. The lack of a centralized platform hampers coordination and transparency throughout the organ donation process.

Organ allocation relies on sophisticated yet imperfect matching algorithms that consider factors such as blood type, tissue compatibility, medical urgency, and geographic proximity. However, these algorithms may still result in suboptimal matches, leading to inefficiencies and missed opportunities for life-saving transplants.

The lack of transparency in the organ allocation process further complicates matters. Patients and their families often have limited insight into how organs are allocated, leading to mistrust and dissatisfaction with the system.

Overall, the existing system faces significant challenges in ensuring timely and equitable organ allocation, resulting in prolonged waiting times, suboptimal organ utilization, and preventable loss of lives.

PROPOSED SYSTEM:

The Organ Harbor Donation System (OHDS) is a comprehensive, centralized platform designed to address the inefficiencies and challenges present in the current organ donation and transplantation ecosystem. It aims to streamline communication, enhance transparency, optimize matching algorithms, and improve access to donor information to facilitate timely and equitable organ allocation.

1. Centralized Platform: OHDS will serve as a centralized platform that connects donors, recipients, transplant centers, and healthcare professionals in a seamless network. All relevant stakeholders will have access to a unified interface, enabling efficient communication and collaboration throughout the organ donation process.

2. Integrated Communication Channels: OHDS will integrate various communication channels, including secure messaging, real-time notifications, and video conferencing capabilities. This integration will facilitate prompt and transparent communication among stakeholders, reducing delays and improving coordination.

3. Transparent Allocation Process: OHDS will provide transparency into the organ allocation process by clearly outlining the criteria used for matching donors with recipients. Patients and their families will have visibility into how decisions are made, fostering trust and confidence in the system.

4. Optimized Matching Algorithms: OHDS will utilize advanced matching algorithms that take into account multiple factors, such as blood type, tissue compatibility, medical urgency, and geographic proximity. These algorithms will be continuously refined to minimize mismatches and maximize the likelihood of successful transplants.

5. Comprehensive Donor Information Management:OHDS will centralize donor information, including medical history, organ availability, and consent status, in a secure and accessible database. This centralized repository will enable transplant centers to quickly identify suitable donors and expedite the matching process.

6. User-Friendly Interface: OHDS will feature an intuitive, user-friendly interface designed to streamline the organ donation process for both donors and recipients. User feedback will be incorporated into the system design to ensure ease of use and accessibility for all stakeholders.

7. Education and Awareness: OHDS will incorporate educational resources and awareness campaigns to promote organ donation and transplantation

SYSTEM REQUIREMENT SPECIFICATION

Operating System: Windows XP, Windows 7/10/11

Designing Tool : Microsoft Visual Studio 2022

Programming Language : HTML, CSS, JAVASCRIPT, PHP, SQL

Backend Database : Microsoft Access 2007

Hardware Configuration:

Processor :

Intel i3/i4/i5 /AMD Ryzen

RAM :-

4 GB

HDD :-

RAM 40 GB HDD

Display Type :-

Digital color monitor

USER INTERVIEW

Interviewer: Can you tell me about your experience with organ donation/transplantation?

Organ Donor: Certainly. My decision to become an organ donor stemmed from a deeply-held belief in the power of altruism and the profound impact that organ donation can have on someone's life. While I haven't personally undergone the transplantation process, I've been actively involved in advocating for organ donation and supporting individuals who have made the life-changing decision to donate their organs.

Interviewer: What motivated you to become an organ donor?

Organ Donor: The primary motivation behind my decision to become an organ donor was the opportunity to save or enhance someone else's life through the gift of donation. Witnessing the struggles faced by individuals awaiting organ transplants, coupled with stories of hope and resilience from transplant recipients, deeply inspired me to take action and make a tangible difference in the lives of others.

Interviewer: What challenges did you encounter during the organ donation process?

Organ Donor: While my personal experience with the organ donation process has been positive overall, there were certainly challenges along the way. One of the main challenges I encountered was navigating the complex and sometimes daunting process of registering as an organ donor and understanding the various steps involved in the donation process. Additionally, there were moments of uncertainty and apprehension about the fate of my organs post-donation and whether they would ultimately reach the intended recipients in need.

Interviewer: How do you think communication and information sharing could be improved in the organ donation system?

Organ Donor: Improving communication and information sharing within the organ donation system is crucial for enhancing transparency, efficiency, and trust among donors, recipients, and healthcare professionals. Clear and accessible information about the donation process, including comprehensive guidelines and resources, would empower potential donors to make informed decisions and navigate the donation journey with confidence. Additionally, implementing robust communication channels, such as online portals or dedicated helplines, could facilitate seamless communication between donors, recipients, and transplant centers, ensuring that all parties involved are well-informed and supported throughout the process.

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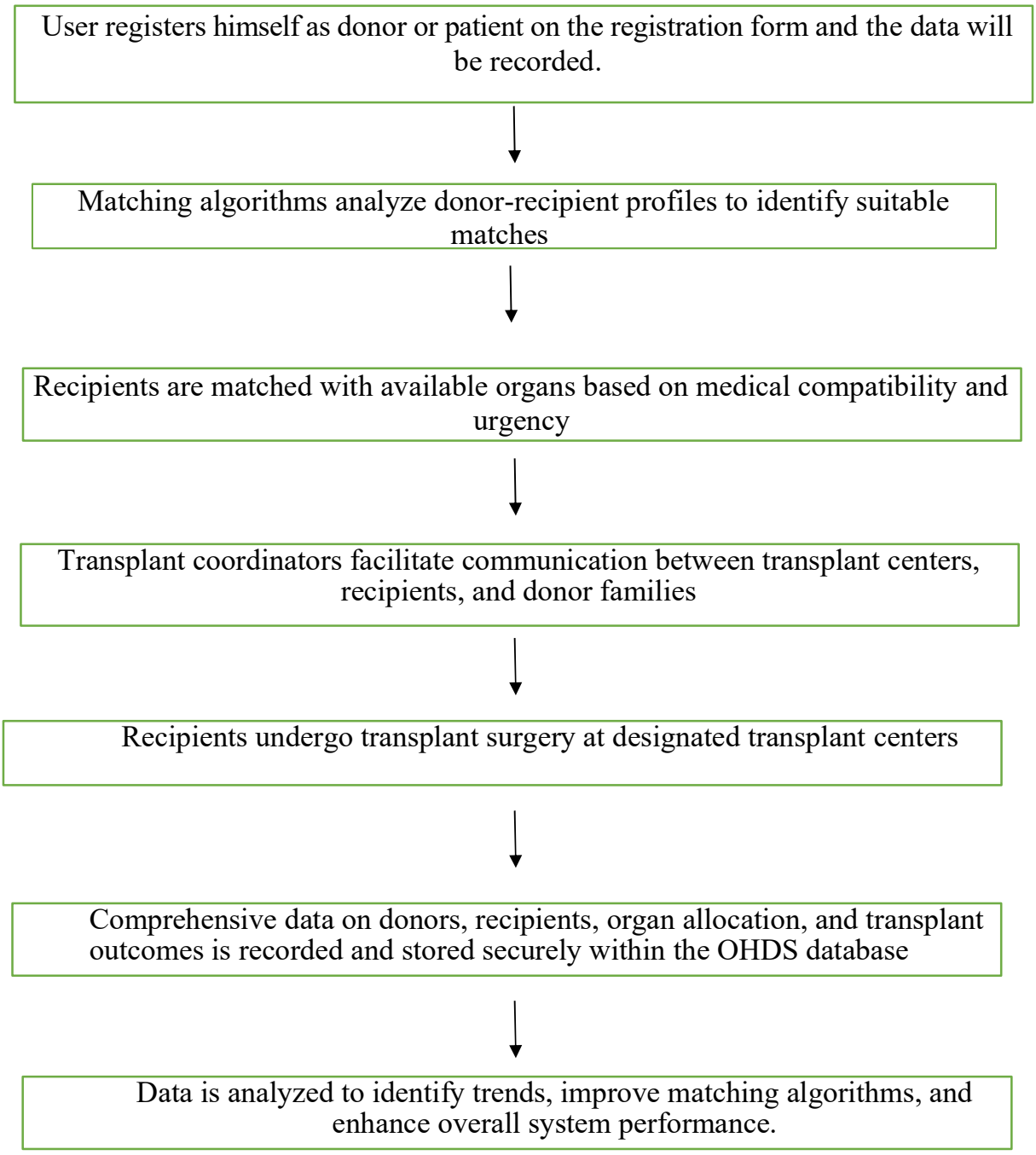
CURRENT SYSTEM FLOW DIAGRAM



FEASIBILITY STUDY

TECHNICAL FEASIBILITY:

Technical feasibility is a crucial aspect of any project, especially one as complex as the Organ Harbor Donation System (OHDS). Here are some key points outlining its technical feasibility:

1. **Technology Infrastructure**: OHDS relies on modern technology infrastructure, including robust servers, databases, and networking capabilities. These components must be capable of handling large volumes of data securely and efficiently.

2. **Scalability**: The system needs to be scalable to accommodate potential growth in users and data. This includes the ability to handle an increasing number of organ donors, recipients, and transplant centers without sacrificing performance or reliability.

3. **Interoperability**: OHDS must be able to integrate with existing healthcare systems, electronic medical records (EMRs), and databases to facilitate seamless communication and data exchange. This requires adherence to industry standards and protocols to ensure compatibility with diverse systems.

4. **Data Security and Privacy**: Given the sensitive nature of medical data involved, OHDS must adhere to strict security and privacy standards. This includes encryption of data, access controls, and compliance with regulations such as HIPAA (Health Insurance Portability and Accountability Act).

5. **Real-Time Communication**: The system should support real-time communication between organ donors, recipients, transplant centers, and healthcare professionals. This necessitates reliable messaging protocols and notification systems to ensure timely updates and alerts.

6. **Algorithm Development**: OHDS requires advanced algorithms for organ matching and allocation based on various factors such as compatibility, urgency, and geographical location. Developing and optimizing these algorithms requires expertise in data science and computational modeling.

7. **User Interface Design**: The user interface of OHDS should be intuitive and user-friendly, catering to the needs of diverse users including donors, recipients, and healthcare professionals. This involves iterative design and testing to ensure usability and accessibility.

OPERATIONAL FEASIBILITY:

1. Stakeholder Buy-In: One of the key factors in operational feasibility is obtaining support and buy-in from stakeholders including healthcare professionals, transplant centers, organ donors, recipients, and policymakers. Engaging stakeholders early on and addressing their concerns can contribute to the success of OHDS.

2. **Resource Availability**: Assessing the availability of resources such as funding, personnel, and infrastructure is crucial. OHDS requires financial resources for development, implementation, and maintenance, as well as skilled personnel including developers, data scientists, and healthcare professionals to manage and operate the system effectively.

3. **Training and Capacity Building**: Operationalizing OHDS may require training programs to familiarize users with the system's functionalities and workflows. Providing adequate training and support ensures that users can effectively utilize OHDS to facilitate organ donation and transplantation processes.

4. **Integration with Existing Processes**: OHDS needs to integrate seamlessly with existing organ donation and transplantation processes within healthcare organizations and transplant centers. Compatibility with established workflows and systems minimizes disruption and facilitates adoption.

5. **Geographical Considerations**: Considerations such as geographical distribution of donors and recipients, as well as regulatory differences across regions, can impact the operational feasibility of OHDS. Adapting the system to accommodate regional variations and compliance requirements enhances its operational viability.

6. **Scalability and Flexibility**: OHDS should be scalable to accommodate changes in demand for organ transplantation and adapt to evolving healthcare practices and regulations. A flexible architecture allows for modifications and enhancements to meet future needs.

7. *Risk Assessment and Mitigation**: Identifying potential risks and challenges associated with the implementation and operation of OHDS is essential. Developing mitigation strategies to address these risks, such as contingency plans for system failures or security breaches, enhances operational feasibility.

8.Performance Measurement and Evaluation: Establishing metrics and mechanisms for measuring the performance and effectiveness of OHDS is critical for ongoing evaluation and improvement. Regular assessments help identify areas for optimization and ensure that OHDS continues to meet its operational objectives.

By carefully considering these factors and addressing potential challenges, OHDS can be operationalized effectively to facilitate organ donation and transplantation processes, ultimately saving lives and improving healthcare outcomes.

ECONOMICAL FEASIBILITY:

Economic feasibility evaluates whether the Organ Harbor Donation System (OHDS) is financially viable and whether its benefits outweigh its costs. Here's an assessment of the economic feasibility of OHDS:

1. **Cost-Benefit Analysis**: Conducting a cost-benefit analysis is essential to determine whether the benefits derived from implementing OHDS justify the investment required. This analysis should consider both tangible benefits (such as reduced healthcare costs, improved patient outcomes, and increased organ transplantation rates) and intangible benefits (such as enhanced quality of life and societal welfare).
2. **Return on Investment (ROI)**: Evaluating the potential ROI of OHDS involves estimating the financial returns generated by increased organ transplantation rates and improved healthcare outcomes compared to the initial investment in developing and implementing the system. Calculating ROI helps stakeholders assess the economic viability of OHDS and make informed decisions regarding resource allocation.
3. **Cost of Development and Implementation**: Assessing the upfront costs associated with developing and implementing OHDS is crucial. This includes expenses related to software development, infrastructure setup, personnel training, and regulatory compliance. Understanding these costs enables stakeholders to budget effectively and allocate resources efficiently.
4. **Operational and Maintenance Costs**: In addition to initial development costs, ongoing operational and maintenance expenses must be considered. This includes expenses related to system updates, technical support, data management, and personnel salaries. Estimating these costs over the project's lifecycle is essential for ensuring long-term sustainability.
5. **Revenue Generation**: Exploring potential revenue streams associated with OHDS can contribute to its economic feasibility. For example, OHDS could generate revenue through partnerships with healthcare organizations, licensing fees for software usage, or offering premium services to users. Identifying revenue opportunities helps offset costs and enhance the system's financial viability.
6. **Cost Savings and Efficiency Gains**: OHDS has the potential to generate cost savings by streamlining organ donation and transplantation processes, reducing waiting times for patients, and minimizing administrative overhead. Quantifying these cost savings and efficiency gains provides a clearer picture of OHDS's economic benefits.
7. Societal and Healthcare System Impact: Assessing the broader societal and healthcare system impact of OHDS is essential. This includes considering factors such as reduced healthcare expenditures associated with organ failure treatment, improved productivity due to healthier individuals, and enhanced public health outcomes. Understanding these broader impacts helps evaluate OHDS's economic feasibility from a societal perspective.

By carefully evaluating these economic factors, stakeholders can assess the feasibility of implementing OHDS and make informed decisions regarding investment, resource allocation, and project sustainability.

PROJECT DESCRIPTION

The Organ Harbor Donation System (OHDS) is a transformative initiative aimed at optimizing organ donation and transplantation processes to address the growing demand for organ transplants. OHDS serves as a centralized platform designed to bridge the gap between organ donors and recipients by facilitating efficient communication, transparent allocation, and timely matching of organs to recipients. Leveraging modern technology and data-driven insights, OHDS seeks to streamline every aspect of the organ donation journey, from registration to post-transplant care.

Key Objectives:
1. Enhance Communication: OHDS aims to improve communication between organ donors, recipients, transplant centers, and healthcare professionals by providing a centralized platform for information exchange and coordination.

2. Transparency and Fair Allocation: OHDS seeks to promote transparency and fairness in organ allocation by implementing transparent algorithms and protocols that prioritize factors such as compatibility, urgency, and geographical location.

3. Increase Awareness and Education: OHDS endeavors to raise awareness about organ donation and transplantation, promote education on the importance of organ donation, and foster a culture of altruism to expand the pool of potential donors.

4. Data-Driven Optimization: OHDS harnesses the power of data analytics to continuously monitor, analyze, and optimize organ donation processes, thereby improving efficiency and efficacy in organ allocation and transplantation.

5. Stakeholder Engagement: OHDS aims to engage stakeholders from all sectors, including healthcare professionals, technology experts, policymakers, and advocates, to collaborate on achieving its mission of saving lives through organ donation.

Features:
- User Registration and Profile Management: Donors, recipients, and healthcare professionals can register and manage their profiles on the OHDS platform.
- Organ Matching and Allocation: OHDS employs advanced algorithms to match organs with suitable recipients based on various factors, ensuring efficient and fair allocation.
- Real-Time Communication: OHDS facilitates real-time communication between donors, recipients, transplant centers, and healthcare professionals to streamline the organ donation process.
- Education and Awareness Resources: OHDS provides educational resources and awareness campaigns to inform the public about organ donation and transplantation.
- Data Analytics and Monitoring: OHDS collects and analyzes data to monitor organ donation trends, identify areas for improvement, and optimize processes for better outcome

DESIGN SPECIFICATION

1. **System Architecture:**

- OHDS will be developed as a web-based application using the PHP programming language for server-side scripting.
- The application will follow a three-tier architecture consisting of a presentation layer (front-end), a business logic layer, and a data access layer.
- PHP will handle server-side processing, while HTML, CSS, and JavaScript will be used for the front-end interfaces.

2. **User Authentication and Authorization:**

- User authentication will be implemented using PHP sessions or tokens, with user credentials stored securely in a database.
- Password hashing techniques such as bcrypt will be employed to securely store and verify user passwords.
- Role-based access control will be enforced to restrict access to different parts of the system based on user roles and permissions.

3. **Data Management:**

- OHDS will utilize a relational database management system (e.g., MySQL) for storing and managing data.
- PHP will interact with the database using SQL queries to perform operations such as user registration, organ donation preferences, and organ allocation.
- Proper database normalization techniques will be applied to ensure data integrity and minimize redundancy.

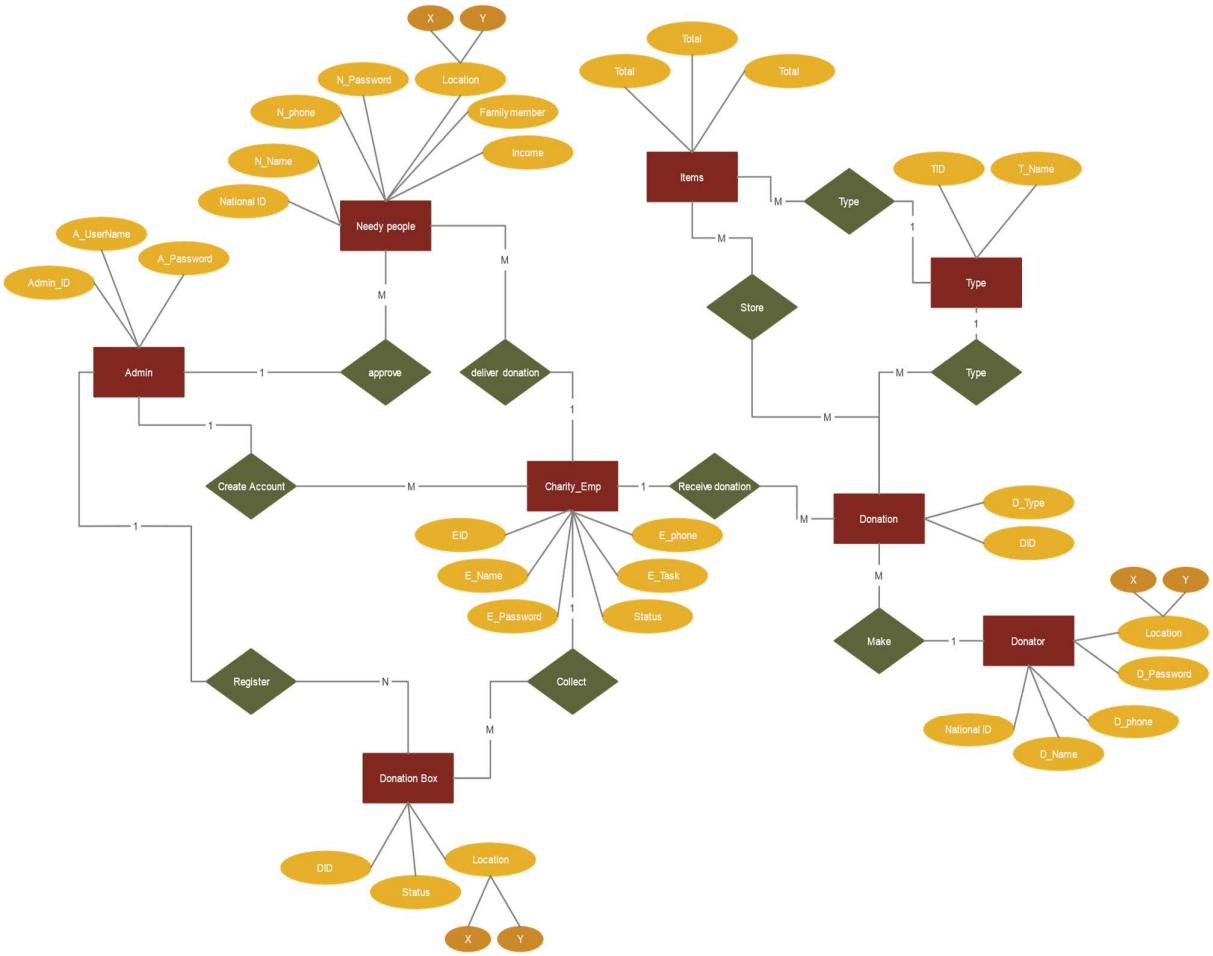
4. **Organ Matching and Allocation Algorithms:**

- PHP will implement algorithms for organ matching and allocation based on factors such as compatibility, urgency, and geographical proximity.
- Algorithms will be designed to prioritize fairness and efficiency in organ allocation, with provisions for real-time updates and adjustments.

5. **Real-Time Communication:**

- Real-time communication features will be implemented using PHP WebSocket libraries or third-party APIs.
- WebSocket connections will enable instant messaging, notifications, and updates between donors, recipients, transplant centers, and healthcare professionals.
- Security measures, including encryption and authentication, will be implemented

E-R DIAGRAM


X
Y
N_Password
Location
N_phone
Family member
N_Name
Income
National ID
Needy people
A_UserName
A_Password
Admin_ID
Admin
approve
deliver donation
Total
Total
Total
Items
Type
TID
T_Name
Type
Store
Type
Create Account
Charity_Emp
Receive donation
Donation
D_Type
DID
EID
E_phone
E_Name
E_Task
E_Password
Status
Make
Donator
X
Y
Location
D_Password
National ID
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D_Name
Register
Collect
Donation Box
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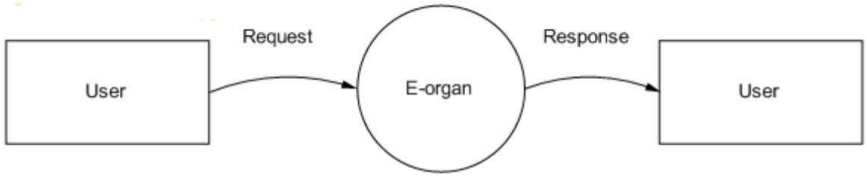
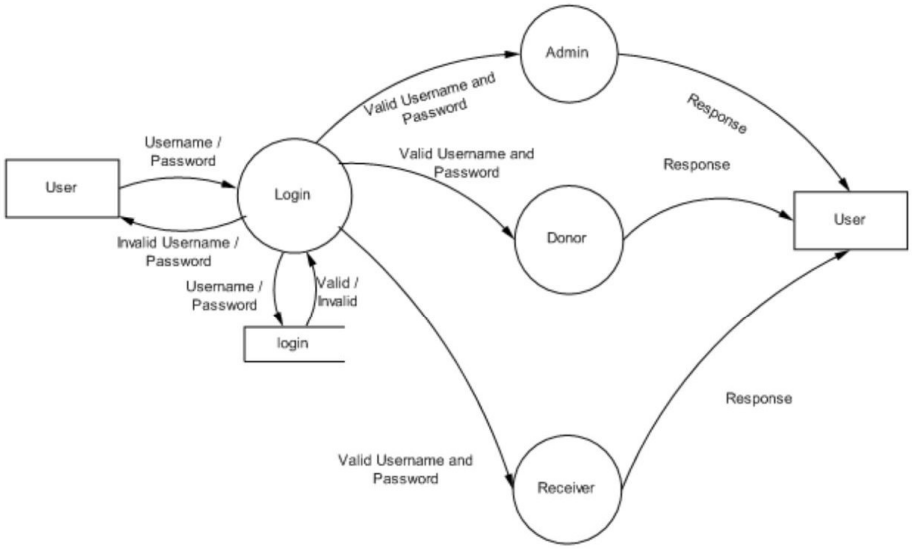
Location
Status
X
Y

DATA FLOW DIAGRAM

DFD LEVEL 0



DFD LEVEL 1



CODING

HOME PAGE:

```
<html>

<head>
  <link rel="icon" href="Partial/Images/harborLogo.png" type="image/png" />

  <!-- Add custom styles for the logo -->
  <style>
    .navbar-brand img {
      width: 90px;
      /* Adjust the width as needed */
      height: auto;
      margin-right: 10px;
      /* Add spacing between logo and text */
    }

    .container1 {
      /* margin-left: 40px; */
      align-items: center;
      justify-content: center;
      display: flex;

    }

    .list-unstyled.text-muted li a:hover {
      color: #a3ed86;
    }
  </style>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="style.css">

  <!-- Bootstrap CSS -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">

  <title>Home</title>
</head>

<body>
  <?php require 'Partial/_nav.php' ?>


    <p style="text-align: center"> We are the only national nonprofit with a holistic approach to helping transplant patients.<br> Our three-tiered approach helps eliminate barriers to
transplant by providing <br>educational, emotional, and financial support.</p><br>
    <p style="color:#a3ed86 ;text-align: center;">
      <font size="5">EQUITY </font>
    </p><br>
```

```
    <p style="text-align: center"> We work tirelessly to reduce inequities and improve transplant access, readiness, and outcomes <br>through our innovative programs and public policy efforts.</p><br>
    <p style="color:#a3ed86 ;text-align: center;">
      <font size="5">TRANSPARENCY </font>
    </p><br>
    <p style="text-align:center"> We provide an opportunity for our monthly donors to review and approve grant applications for<br> financial support – so they know exactly who benefits from their investments.</p><br>
    <p style="color:#a3ed86 ;text-align: center;">
      <font size="5">DEDICATION </font>
    </p><br>
    <p style="text-align: center"> We are a lean team putting a lot of muscle into saving lives, not an awareness-only organization.</p><br>

  </div><br>


  <!-- Optional JavaScript; choose one of the two! -->

  <!-- Option 1: Bootstrap Bundle with Popper -->
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM" crossorigin="anonymous"></script>
</body>

</html>
```

ADMIN LOGIN PAGE:

```
<?php
header("Cache-Control: no-cache, no-store, must-revalidate");
header("Pragma: no-cache");
header("Expires: 0"); ?>
<!DOCTYPE html>
<html lang="en">
  <head>
    <link rel="icon" href="Partial/Images/harborLogo.png" type="image/png" />
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <!-- Bootstrap CSS -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
    <title>Admin Login</title>
    <style>
        body {
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
            align-items: center;
            min-height: 100vh;
            background-color: #f2f2f2;
        }

        .login-container {
            background-color: #fff;
            border-radius: 10px;
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
            padding: 40px;
            width: 350px;
            text-align: center;
        }

        .login-container h2 {
            margin-bottom: 20px;
            font-size: 24px;
            color: #333;
        }

        .input-field {
            margin-bottom: 20px;
        }

        .input-field input {
            width: 100%;
            padding: 10px;
            border: none;
            border-bottom: 2px solid #333;
            font-size: 16px;
        }

        .login-button {
            background-color: #333;
            color: #fff;
            border: none;
            border-radius: 5px;
            padding: 10px 20px;
            font-size: 16px;
            cursor: pointer;
            transition: background-color 0.3s ease-in-out;
        }

        .login-button:hover {
            background-color: #555;
        }
        .nav-link.myHover{
          color: #333 ;
        }
    </style>

</head>


<body>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse my-3" id="navbarSupportedContent">
      <ul class="navbar-nav me-auto mb-2 mb-lg-0">
      <li class="nav-item">
          <a class="nav-link active myHover" aria-current="page" href="/Organdonation/homepage.php">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link myHover" href="/Organdonation/Adminlogin.php">Admin</a></a>
        </li>
```

```
        <li class="nav-item">
          <a class="nav-link myHover" href="/Organdonation/patientsignup.php">Patient</a>
        </li>
        <li class="nav-item">
          <a class="nav-link myHover" href="/Organdonation/Donor.php">Donor</a>
        </li>
        <li class="nav-item">
          <a class="nav-link myHover" href="/Organdonation/Contact_us.php">About Us</a>
        </li>
      </ul>
      </form>
    </div>
</nav>
    <div class="login-container">
        <h2>Admin Login</h2>
        <form action="Adminlogincon.php" method="post">
            <div class="input-field">
                <input type="text" name="username" placeholder="Username" required>
            </div>
            <div class="input-field">
                <input type="password" name="password" placeholder="Password" required>
            </div>
            <button class="login-button" type="submit">Login</button>
        </form>
    </div>
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"                                                integrity="sha384-
IQsoLXl5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p" crossorigin="anonymous"></script>
    <script                                                src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"                                                integrity="sha384-
cVKIPhGWiC2Al4u+LWgxfKTRIcfu0JTxR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcQF" crossorigin="anonymous"></script>
    -->
</body>
</html>
```

ADMIN LOGIN ICON:

```
<?php
// Check if the form has been submitted
if ($_SERVER["REQUEST_METHOD"] === "POST") {
    // Get the submitted username and password
    $submittedUsername = $_POST["username"];
    $submittedPassword = $_POST["password"];

    // Hardcoded admin credentials for demonstration purposes
    $adminUsername = "admin";
    $adminPassword = "admin";

    // Check if the submitted credentials match the admin credentials
    if ($submittedUsername === $adminUsername && $submittedPassword === $adminPassword) {
        // Successful login, redirect to admin panel or dashboard
        header("Location: Adminpanel.php");
        exit;
    } else {
        // Incorrect credentials, display an error message
        $errorMessage = "Invalid username or password. Please try again.";
    }
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login Result</title>
</head>
<body>
    <?php if (isset($errorMessage)) { ?>
        <p style="color: red;"><?php echo $errorMessage; ?></p>
    <?php } ?>
</body>
</html>
```

PATIENT DETAIL PANEL:

```
<!DOCTYPE html>
<html lang="en">
<head>
<link rel="icon" href="Partial/Images/harborLogo.png" type="image/png" />
<!-- Add custom styles for the logo -->
<style>
.navbar-brand img {
width: 90px; /* Adjust the width as needed */
height: auto;
margin-right: 10px; /* Add spacing between logo and text */
}
</style>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<!-- Bootstrap CSS -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
<title>Patient Registration</title>
<style>
body {
margin: 0;
padding: 0;
font-family: Arial, sans-serif;
background-color: #f5f5f5;
}
.registration-container {
background-color: #fff;
border-radius: 8px;
box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
padding: 20px;
width: 500px;
}
.error-message {
color: red;
font-size: 14px;
margin-top: 5px;
display: none; /* Initially hide the error message */
}
</style>
</head>
<body>

<?php require 'Partial/_nav.php'?>

<div class="registration-container">
<h2>Patient Registration</h2>
<form action="process_registration.php" method="post">
<div class="input-field">
<label for="PatientName">Name:</label>
<input type="text" id="PatientName" name="PatientName" required>
<div class="error-message" id="nameErrorMessage">Please Enter Your Full Name</div>

<label for="PatientEmail">Email:</label>

const PatientNumber = document.getElementById('PatientNumber');
PatientNumber.addEventListener('blur', function() {
const contactValue = PatientNumber.value.toString().trim();
if (contactValue.length !== 10) {
alert('Contact Number Must Be 10 Digits.');
PatientNumber.value = ''; // Clear the input field
Input.focus(); // Bring focus back to the input field
}
});
});
```

PROCESS REGISTRATION:

```
<?php
// Check if the form is submitted
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Database connection parameters
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "organdonation";
    $registrationSuccessful=false;

    // Create connection
    $conn = new mysqli($servername, $username, $password, $dbname);

    // Check connection
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

    // Get form data
    $PatientName = $_POST['PatientName'];
    $PatientAge = $_POST['PatientAge'];
    $PatientGender = $_POST['PatientGender'];
    $PatientAddress = $_POST['PatientAddress'];
    $PatientEmail = $_POST['PatientEmail'];
    $PatientNumber = $_POST['PatientNumber'];
    $DateTime = $_POST['DateTime'];
    $NeededOrgan = $_POST['NeededOrgan'];
    $PatientBloodGrp = $_POST['PatientBloodGrp'];

    // Prepare and execute SQL query to insert data into the patientreg table
    $sqlPatientReg = "INSERT INTO patientreg (PatientName, PatientAge, PatientGender, PatientAddress, PatientEmail, PatientNumber, DateTime, NeededOrgan, PatientBloodGrp) VALUES ('$PatientName', '$PatientAge', '$PatientGender', '$PatientAddress', '$PatientEmail', '$PatientNumber', '$DateTime', '$NeededOrgan', '$PatientBloodGrp')";

    // Prepare and execute SQL query to insert data into the notdonated_patient table
    $sqlNotDonatedPatient = "INSERT INTO notdonated_patient (PatientName, PatientAge, PatientGender, PatientAddress, PatientEmail, PatientNumber, DateTime , NeededOrgan, PatientBloodGrp) VALUES ('$PatientName','$PatientAge', '$PatientGender', '$PatientAddress', '$PatientEmail', '$PatientNumber', '$DateTime' ,'$NeededOrgan','$PatientBloodGrp')";

    // Insert data into patientreg table
    $resultPatientReg = mysqli_query($conn, $sqlPatientReg);

    // Insert data into notdonated_patient table
    $resultNotDonatedPatient = mysqli_query($conn, $sqlNotDonatedPatient);

    if ($resultPatientReg && $resultNotDonatedPatient) {
      $registrationSuccessful=true;

    } else {
        // Show error message
        echo "Error: " . mysqli_error($conn);
    }       if ($registrationSuccessful) {
        echo "<script>alert('Registration successful');</script>";
        echo '<script>window.location.href = "patientsignup.php";</script>';
        exit();
    }
    // Close connection
    $conn->close();
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- your head content here -->
</head>
<body>
    <div class="registration-container">
        <h2>Organ Donor Registration</h2>
        <?php
        if ($registrationSuccessful) {
            echo "<script>alert('Registration successful');</script>";
            echo '<script>window.location.href = "patientsignup.php";</script>';
        }
        ?>
    </div>
</body>
</html>
```

DONOR FORM:

```
<!DOCTYPE html>
<html lang="en">
<head>
<link rel="icon" href="Partial/Images/harborLogo.png" type="image/png" />
<!-- Add custom styles for the logo -->
<style>
  .navbar-brand img {
    width: 90px; /* Adjust the width as needed */
    height: auto;
    margin-right: 10px; /* Add spacing between logo and text */
  }
</style>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Donor Registration</title>
  <!-- Bootstrap CSS -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
<?php
require 'Partial/_nav.php'
?>
  <style>
    .center-text {
      text-align: center
    }

    body {
      background-color: #f2f2f2;
      font-family: Arial, sans-serif;
    }

    .registration-container {
          background-color: #fff;
          border-radius: 8px;
          box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
          padding: 20px;
          width: 500px;
          margin: 50px auto;
          text-align: center;
        }

    .registration-container h2 {
      font-size: 24px;
      color: #333;
      margin-bottom: 20px;
    }

    .form-group {
      margin-bottom: 20px;
    }

        .btn-register {
          background-color: #333;
          color:#fff;
          border: none;
          border-radius: 5px;
```

```
            padding: 10px 20px;
            font-size: 16px;
            cursor: pointer;
            transition: background-color 0.3s ease-in-out;
        }
        .btn-register:hover {
            background-color: #555;
        }

    </style>

    }

    function handleCauseOfDeathChange() {
      const causeOfDeath = document.getElementById("causeOfDeath");
      const messageElement = document.getElementById("causeOfDeathMessage");

      if (causeOfDeath.value !== "") {
        messageElement.style.display = "block"; // Show the message if a cause of death is selected
      } else {
        messageElement.style.display = "none"; // Hide the message if no cause of death is selected
      }
    }
    document.addEventListener('DOMContentLoaded', function() {
      const emailInput = document.getElementById('emailInput');

      emailInput.addEventListener('input', function() {
        const emailValue = emailInput.value.trim();
        if (emailValue.includes('@') && !emailValue.endsWith('gmail.com')) {
          emailInput.value = emailValue + 'gmail.com';
        }
      });
    });
    document.addEventListener('DOMContentLoaded', function() {
      const ageInput = document.getElementById('ageInput');
      ageInput.addEventListener('blur', function() {
        const age = parseInt(ageInput.value.trim());
        if (age < 18) {
          alert('You must be 18+ to donate an organ.');
          ageInput.value = ''; // Clear the input field
          ageInput.focus(); // Bring focus back to the input field
        }
      });
    });
    document.addEventListener('DOMContentLoaded', function() {
    const contactInput = document.getElementById('contactInput');
    contactInput.addEventListener('blur', function() {
      const contactValue = contactInput.value.toString().trim();
      if (contactValue.length !== 10) {
        alert('Contact Number Must Be 10 Digits.');
        contactInput.value = ''; // Clear the input field
        Input.focus(); // Bring focus back to the input field
      }
    });
  });
  </script>
</head>

<body>
  <div class="container">
```

```
id="contactInput" placeholder="Contact Number" required>
      </div>
      <div class="form-group">
       <select class="form-control" name="bloodGroup" required>
         <option value="" selected disabled>Select Blood Group</option>
         <option value="O">O</option>
         <option value="A">A</option>
         <option value="B">B</option>
         <option value="AB">AB</option>
       </select>
      </div>
      <div class="form-group">
       <select class="form-control" name="donorStatus" id="donorStatus" onchange="handleDonorStatusChange()" required>
         <option value="" selected disabled>Donor Status</option>
         <option value="Alive">Alive</option>
         <option value="Deceased">Deceased</option>
       </select>
      </div>
      <div class="form-group">
       <select class="form-control" name="organToDonate" id="organToDonate" required>
         <option value="" selected disabled>Select Organ to Donate</option>
         <option value="Kidney">Kidney</option>
         <option value="Liver">Liver</option>
         <option value="Intestine">Intestine</option>
         <option value="Pancreas">Pancreas</option>
         <option value="Lung">Lung</option>
         <option value="Heart">Heart</option>
         <option value="Eyes">Eyes</option>
       </select>
      </div>
      <select class="form-control" name="causeOfDeath" id="causeOfDeath" onchange="handleCauseOfDeathChange()">
       <option value="" selected disabled>Cause of Death (if Deceased)</option>
       <option value="Normal">Normal</option>
       <option value="Accident">Accident</option>
       <option value="Other">Other</option>
      </select>
      <div id="causeOfDeathMessage" style="display: none; color: red;">Please provide the cause of death.</div>
      <br>
       <button class="btn btn-register" type="submit">Register</button>
     </form>
    </div>
   </div>
</body>

</html>
```

DONOR CONTACT FORM:

```
<?php
// Check if the form is submitted
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Database connection parameters
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "organdonation";
    $registrationSuccessful = false;

    // Create connection
    $conn = new mysqli($servername, $username, $password, $dbname);

    // Check connection
    if ($conn->
</h2>
        <?php
    // Check connection
    if ($conn->
<html lang="en">
<head>
<body>
    <div class="registration-container">
        <h2>Donor Registration</h2>
        <?php
        if ($registrationSuccessful) {
            echo "<script>alert('Registration successful');</script>";
            echo '<script>window.location.href = "Donor.php";</script>';
        }
        ?>
    </div>
</body>
</html>
```

ADMIN PANEL FORM :

```
<?php
header("Cache-Control: no-cache, no-store, must-revalidate");
header("Pragma: no-cache");
header("Expires: 0");
// Replace these with your actual database credentials
$host = "localhost";
$username = "root";
$password = "";
$database = "organdonation";

// Create a database connection
$conn = mysqli_connect($host, $username, $password, $database);

// Check the connection
if (!$conn) {
   die("Connection failed: " . mysqli_connect_error());
}
?>
<!DOCTYPE html>
<html lang="en">

<head>
   <link rel="icon" href="Partial/Images/harborLogo.png" type="image/png" />
   <!-- Required meta tags -->
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initial-scale=1">

   <!-- Bootstrap CSS -->
   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
   <script language="javascript" type="text/javascript">
      window.history.forward();
   </script>
   <title>Admin Panel</title>

   <style>
      /* Add this style for the close button */
      #close-sidebar {
         font-size: 30px;
         color: red;
         cursor: pointer;
      }

      /* Add this style for the panel */
      .panel {
         background-color: #f7f7f7;
         padding: 20px;
         border-radius: 10px;
         margin-top: 20px;
         box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);
         transition: margin-left 0.5s;
      }
```

```
        .centered-panel {
            margin-left: 250px;
            transition: margin-left 0.5s;
        }

        .centered-panel.collapsed {
            margin-left: 0;
        }

        .center-heading {
            text-align: center;
        }

        .delete-button {
            background-color: #333;
            color: #fff;
            border: none;
            border-radius: 5px;
            padding: 6px 12px;

            font-size: 12px;
            cursor: pointer;
            transition: background-color 0.3s ease-in-out;
        }

        .delete-button:hover {
            background-color: red;
        }
    </style>
</head>

<body>
    <div id="toggle-sidebar">&#9776;</div>

    <div class="sidebar active">
        <div id="close-sidebar">&times;</div>
        <link rel="stylesheet" href="Adminpanelbar.css">
        <ul>
            <li><a href="Adminpanel.php">Donor Details</a></li>
            <li><a href="Patientdetailpanel.php">Patient Details</a></li>
            <li><a href="Searchdonorpanel.php">Search Donor</a></li>
            <li><a href="Searchpatientpanel.php">Search Patient</a></li>
            <li><a href="Donatedptpanel.php">Donated Patients</a></li>
            <li><a href="Ntdonatedptpanel.php">Not Donated Patients</a></li>
            <li><a href="Orgdonateprocess.php">Organ Donate Process</a></li>
            <li><a href="Adminlogin.php" style="color: white;" onmouseover="this.style.color='red'" onmouseout="this.style.color='white'">Log Out</a></li>
                <thead>

                    <tr>
                        <th>ID</th>
                        <th>Name</th>
                        <th>Age</th>
                        echo "<td><button type='submit'  class='delete-button' name='delete' value='{$row['id']}'>Delete</button></td>"; // Add a delete button here

.add('collapsed'); // Add the collapsed class when sidebar is closed
        });
    </script>
</body>
```

DONOR CONTACT FORM:

```
<?php
header("Cache-Control: no-cache, no-store, must-revalidate");
header("Pragma: no-cache");
header("Expires: 0");
// Replace these with your actual database credentials
$host = "localhost";
$username = "root";
$password = "";
$database = "organdonation";

// Create a database connection
$conn = mysqli_connect($host, $username, $password, $database);

// Check the connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
?>
<!DOCTYPE html>
<html lang="en">

<head>
    <link rel="icon" href="Partial/Images/harborLogo.png" type="image/png" />
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <!-- Bootstrap CSS -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
    <script language="javascript" type="text/javascript">
        window.history.forward();
    </script>
    <title>Admin Panel</title>

    <style>
        /* Add this style for the close button */
        #close-sidebar {
            font-size: 30px;
            color: red;
            cursor: pointer;
        }

        /* Add this style for the panel */
        .panel {
            background-color: #f7f7f7;
            padding: 20px;
            border-radius: 10px;
            margin-top: 20px;
            box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);
            transition: margin-left 0.5s;
        }

        .centered-panel {
            margin-left: 250px;
            transition: margin-left 0.5s;
        }

        .centered-panel.collapsed {
            margin-left: 0;
        }

        .center-heading {
            text-align: center;
        }

        .delete-button {
            background-color: #333;
            color: #fff;
            border: none;
            border-radius: 5px;
            padding: 6px 12px;
            font-size: 12px;
            cursor: pointer;
            transition: background-color 0.3s ease-in-out;
        }
        .delete-button:hover {
            background-color: red;
        }
    </style>
</head>

<body>
    <div id="toggle-sidebar">&#9776;</div>
```

```
    <div class="sidebar active">
        <div id="close-sidebar">&times;</div>
        <link rel="stylesheet" href="Adminpanelbar.css">

        </ul>
    </div>

    <div class="content centered-panel">
        <h1 class="center-heading"> Welcome to the Admin Panel</h1>


                    <th>Cause of Death</th>

                // Connect to your database here (similar to the code you provided earlier)

                // Query to fetch donor details
                $query = "SELECT * FROM donorreg"; // Replace with your actual table name
                $result = mysqli_query($conn, $query);

                // Loop through the results and populate the table rows
                while ($row = mysqli_fetch_assoc($result)) {
                    echo "<tr>";
                    echo "<td>{$row['id']}</td>";
                    echo "<td>{$row['name']}</td>";
                    echo "<td>{$row['age']}</td>";
                    echo "<td>{$row['gender']}</td>";
                    echo "<td>{$row['address']}</td>";
                    echo "<td>{$row['email']}</td>";
                    echo "<td>{$row['contactNumber']}</td>";
                    echo "<td>{$row['bloodGroup']}</td>";
                    echo "<td>{$row['donorStatus']}</td>";
                    echo "<td>{$row['organToDonate']}</td>";
                    echo "<td>{$row['causeOfDeath']}</td>";
                    echo "<td><button type='submit'  class='delete-button' name='delete' value='{$row['id']}'>Delete</button></td>"; // Add a delete button here

                    echo "</td>";
                    echo "</tr>";
                }

                // Handle record deletion
                if (isset($_GET['delete'])) {
                    $deleteId = $_GET['delete'];
                    $deleteQuery = "DELETE FROM donorreg WHERE id = $deleteId";
                    if (mysqli_query($conn, $deleteQuery)) {
                        echo "<script>alert('Record deleted successfully');</script>";
                        header("Location: Adminpanel.php"); // Redirect back to the same page to refresh the table
                        exit();
                    } else {
                        echo "Error deleting record: " . mysqli_error($conn);
                    }
                }

                // Close the database connection
                mysqli_close($conn);
                ?>
            </tbody>
        </table>
    </div>

    </div>

    <script>
        const sidebar = document.querySelector('.sidebar');
        const toggleSidebar = document.getElementById('toggle-sidebar');
        const closeSidebar = document.getElementById('close-sidebar');
        const contentPanel = document.querySelector('.content');

        toggleSidebar.addEventListener('click', () => {
            sidebar.classList.toggle('active');
            contentPanel.classList.toggle('collapsed'); // Toggle the collapsed class
        });

        closeSidebar.addEventListener('click', () => {
            sidebar.classList.remove('active');
            contentPanel.classList.add('collapsed'); // Add the collapsed class when sidebar is closed
        });
    </script>
</body>

</html>
```

PATIENT DETAIL PANEL:

```
<?php
header("Cache-Control: no-cache, no-store, must-revalidate");
header("Pragma: no-cache");
header("Expires: 0");
// Replace these with your actual database credentials
$host = "localhost";
$username = "root";
$password = "";
$database = "organdonation";

// Create a database connection
$conn = mysqli_connect($host, $username, $password, $database);

// Check the connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
?>
<!DOCTYPE html>
<html lang="en">

    <head>
        <link rel="icon" href="Partial/Images/harborLogo.png" type="image/png" />
        <!-- Required meta tags -->
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">

        <!-- Bootstrap CSS -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
        <script language="javascript" type="text/javascript">
        window.history.forward();
    </script>
        <title>Admin Panel</title>

        <style>
            /* Add this style for the close button */
            #close-sidebar {
                color: red;
                font-size: 30px;
                cursor: pointer;
            }

            /* Add this style for the panel */
            .panel {
            background-color: #f7f7f7;
            padding: 20px;
            border-radius: 10px;
            margin-top: 20px;
            box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);
            transition: margin-left 0.5s;
        }
        .centered-panel{
            margin-left:250px;
            transition: margin-left 0.5s;
        }
        .centered-panel.collapsed{
            margin-left:0;
        <div id="toggle-sidebar">&#9776;</div>

        <div class="sidebar active">
            <div id="close-sidebar">&times;</div>
            <link rel="stylesheet" href="Adminpanelbar.css">
            <ul>
    \

                        echo "<tr>";

                        echo "<td>{$row['id']}</td>";
            sidebar.classList.toggle('active');
            contentPanel.classList.toggle('collapsed');
        });

        closeSidebar.addEventListener('click', () => {
            sidebar.classList.remove('active');
            contentPanel.classList.add('collapsed');
        });
    </script>
        </body>
</php>
```

PATIENT DETAIL FORM :

```
<?php
// Database connection parameters
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "organdonation";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// Query to retrieve donor details
$sql = "SELECT * FROM patientreg"; // Replace 'donor_table' with your actual table name
$result = $conn->query($sql);

// Close connection
$conn->close();
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Patient Details</title>
    <!-- Include any necessary stylesheets or scripts here -->
</head>
<body>
    <div class="content">
        <h1>Patient Details</h1>
        <table>
            <tr>
                <th>ID</th>
                <th>Name</th>
                <th>Age</th>
                <th>Gender</th>
                <th>Address</th>
                <th>Email</th>
                <th>Contact</th>
                <th>Required Date and Time</th>
                <th>Organ Needed</th>
                <th>Blood Group</th>
                <!-- Include other column headers here -->
            </tr>
            <?php
            if ($result->num_rows > 0) {
                while ($row = $result->fetch_assoc()) {
                    echo "<tr>";
                    echo "<td>" . $row["id"] . "</td>";
                    echo "<td>" . $row["PatientName"] . "</td>";
                    echo "<td>" . $row["PatientAge"] . "</td>";
                    echo "<td>" . $row["PatientGender"] . "</td>";
                    echo "<td>" . $row["PatientAddress"] . "</td>";
                    echo "<td>" . $row["PatientEmail"] . "</td>";
                    echo "<td>" . $row["PatientNumber"] . "</td>";
                    echo "<td>" . $row["DateTime"] . "</td>";
                    echo "<td>" . $row["NeededOrgan"] . "</td>";
                    echo "<td>" . $row["PatientBloodGrp"] . "</td>";
                    echo "</tr>";
                }
            } else {
                echo "<tr><td colspan='11'>No records found</td></tr>";
            }
            ?>
        </table>
    </div>
</body>
</html>
```

SEARCH DONOR FORM :

```
<?php
header("Cache-Control: no-cache, no-store, must-revalidate");
header("Pragma: no-cache");
header("Expires: 0");?>
<!DOCTYPE html>
<html lang="en">

<head>
<link rel="icon" href="Partial/Images/harborLogo.png" type="image/png" />
   <!-- Required meta tags -->
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initial-scale=1">

   <!-- Bootstrap CSS -->
   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
   <script language="javascript" type="text/javascript">
      window.history.forward();
   </script>
   <title>Admin Panel</title>

   <style>
      /* Add this style for the close button */
      #close-sidebar {
         color: red;
         font-size: 30px;
         cursor: pointer;
      }

      /* Add this style for the panel */
      .panel {
         background-color: #f7f7f7;
         padding: 20px;
         border-radius: 10px;
         margin-top: 20px;
         box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);
0.3s ease-in-out;
      }
      .register-button:hover {
         background-color: #008C17;
      }
   </style>
</head>

<body>
   <div id="toggle-sidebar">&amp;#9776;</div>

   <div class="sidebar active">
      <div id="close-sidebar">&amp;times;</div>
      <link rel="stylesheet" href="Adminpanelbar.css">
      <ul>
         <li><a href="Adminpanel.php">Donor Details</a></li>
         <li><a href="Patientdetailpanel.php">Patient Details</a></li>
         <li><a href="Searchdonorpanel.php">Search Donor</a></li>
         <li><a href="Searchpatientpanel.php">Search Patient</a></li>
         <li><a href="Donatedptpanel.php">Donated Patients</a></li>
         <li><a href="Ntdonatedptpanel.php">Not Donated Patients</a></li>
         <li><a href="Orgdonateprocess.php">Organ Donate Process</a></li>
         <li><a href="Adminlogin.php" style="color: white;" onmouseover="this.style.color='red'" onmouseout="this.style.color='white'">Log Out</a></li>
      </ul>
   </div>

   <div class="content centered-panel">
      <h1 class="center-heading" >Welcome to the Admin Panel</h1>

<!-- Search Donor Panel -->
<div class="panel">
   <h2>Search Donor</h2>
   <form method="post">
      <label for="selectOrgan">Select Organ:</label>
      <select id="selectOrgan" class="form-select" name="selectOrgan">
         <option value="" selected disabled>Click here to select organ</option>
         <option value="Kidney">Kidney</option>
         <option value="Liver">Liver</option>
         <option value="Intestine">Intestine</option>
         <option value="Pancreas">Pancreas</option>
         <option value="Lung">Lung</option>
         <option value="Heart">Heart</option>
         <option value="Eyes">Eyes</option>
      </select>
      <button type="submit" class="register-button">Search</button>
   </form>

   <table class="table">
      <thead>

         <tr>
            <th>ID</th>
            <th>Name</th>
            <th>Age</th>
```

```
            <th>Gender</th>
            <th>Address</th>
            <th>Email</th>
            <th>Contact Number</th>
            <th>Blood Group</th>
            <th>Donor Status</th>
            <th>Organ Willing to Donate</th>
            <th>Cause of Death</th>

        </tr>
    </thead>
    <tbody>
        <?php
        // Include the database connection file
        include "SEARCHDONOR.php";

        // Process search when a valid organ is selected
        if (isset($_POST['selectOrgan'])) {
            $searchOrgan = $_POST['selectOrgan'];


    <!-- Rest of your code -->
</body>

</html>
```

SEARCH PANEL FORM :

```
<?php
header("Cache-Control: no-cache, no-store, must-revalidate");
            color: red;
            font-size: 30px;
            cursor: pointer;
        }

        /* Add this style for the panel */
        .panel {
            background-color: #f7f7f7;
            padding: 20px;
            border-radius: 10px;
            margin-top: 20px;
            box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);
            transition: margin-left 0.5s;
        }
        .centered-panel{
            margin-left:250px;
            transition: margin-left 0.5s;
        }
        .centered-panel.collapsed{
            margin-left:0;
        }
        .center-heading{
              text-align: center;
        }
        .register-button {
            background-color: #333;
            color: #fff;
            border: none;
            border-radius: 5px;
            padding: 10px 20px;
            font-size: 16px;
            cursor: pointer;
            transition: background-color 0.3s ease-in-out;
        }
        .register-button:hover {
            background-color: #008C17;
        }
    </style>
</head>
<body>
    <div id="toggle-sidebar">&#9776;</div>

    <div class="sidebar active">
        <div id="close-sidebar">&times;</div>
        <link rel="stylesheet" href="Adminpanelbar.css">
        <ul>
            <li><a href="Adminpanel.php">Donor Details</a></li>
            <li><a href="Patientdetailpanel.php">Patient Details</a></li>
            <li><a href="Searchdonorpanel.php">Search Donor</a></li>
            <li><a href="Searchpatientpanel.php">Search Patient</a></li>
            <li><a href="Donatedptpanel.php">Donated Patients</a></li>
            <li><a href="Ntdonatedptpanel.php">Not Donated Patients</a></li>
            <li><a href="Orgdonateprocess.php">Organ Donate Process</a></li>
            <li><a href="Adminlogin.php" style="color: white;" onmouseover="this.style.color='red'" onmouseout="this.style.color='white'">Log Out</a></li>
        </ul>
    </div>

    <div class="content centered-panel">
        <h1 class="center-heading">Welcome to the Admin Panel</h1>

        <!-- Patient Search Panel -->
        <div class="panel">
```

```
        <h2>Patient Search</h2>
        <form method="post" action=""> <!-- Add the action attribute with the correct page -->
    <label for="selectOrgan">Select Organ:</label>
    <select id="selectOrgan" name="selectOrgan" class="form-select"> <!-- Add the name attribute -->
      <option value="">Select Organ</option>
      <option value="Kidney">Kidney</option>
      <option value="Liver">Liver</option>
      <option value="Eyes">Eyes</option>
      <option value="Intestine">Intestine</option>
      <option value="Pancreas">Pancreas</option>
      <option value="Hea
            echo "<tr><td colspan = '12'>No results found.</td></tr>";
        }
            // Close the database connection
            mysqli_close($conn);
        }
        ?>
      </tbody>
    </table>
</div>

<script>

      const sidebar = document.querySelector('.sidebar');
      const toggleSidebar = document.getElementById('toggle-sidebar');
      const closeSidebar = document.getElementById('close-sidebar');
      const contentPanel = document.querySelector('.content');

      toggleSidebar.addEventListener('click', () => {
        sidebar.classList.toggle('active');
        contentPanel.classList.toggle('collapsed');
      });

      closeSidebar.addEventListener('click', () => {
        sidebar.classList.remove('active');
        contentPanel.classList.add('collapsed');
      });
    </script>


    <!-- Rest of your code -->
</body>

</html>
```

SEARCH PATIENT FORM :

```
<?php
// Replace these with your actual database credentials
$host = "localhost";
$username = "root";
$password = "";
$database = "organdonation";

// Create a database connection
$conn = mysqli_connect($host, $username, $password, $database);

// Check the connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
?>
```

DONATED PATIENT FORM :

```
<?php
header("Cache-Control: no-cache, no-store, must-revalidate");
header("Pragma: no-cache");
header("Expires: 0");
// Replace these with your actual database credentials
$host = "localhost";
$username = "root";
$password = "";
$database = "organdonation";
// Create a database connection
$conn = mysqli_connect($host, $username, $password, $database);

// Check the connection
if (!$conn) {
   die("Connection failed: " . mysqli_connect_error());
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
<link rel="icon" href="Partial/Images/harborLogo.png" type="image/png" />
  <!-- Required meta tags -->
  <meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initial-scale=1">

   <!-- Bootstrap CSS -->
   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
   <script language="javascript" type="text/javascript">
      window.history.forward();
   </script>
   <title>Admin Panel</title>

   <style>
      /* Add this style for the close button */
      #close-sidebar {
         color: red;
         font-size: 30px;
         cursor: pointer;
      }

      /* Add this style for the panel */
      .panel {
         background-color: #f7f7f7;
         padding: 20px;
         border-radius: 10px;
         margin-top: 20px;
         box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);
         transition: margin-left 0.5s;
      }
      .centered-panel{
         margin-left:250px;
         transition: margin-left 0.5s;
      }
      .centered-panel.collapsed{
         margin-left:0;
      }
      .center-heading{
            text-align: center;
      }
      .delete-button {
         background-color: #333;
         color: #fff;
         border: none;
         border-radius: 5px;
         padding: 6px 12px;
```

```
            font-size: 12px;
            cursor: pointer;
            transition: background-color 0.3s ease-in-out;

        }

        .delete-button:hover {
            background-color: red;
        }
    </style>
</head>
<body>
    <div id="toggle-sidebar">&#9776;</div>
    <div class="content centered-panel">
        <h1 class="center-heading">Welcome to the Admin Panel</h1>

        <!-- Not Donated Patients Panel -->
        <div class="panel">
            <h2>Donated Patients</h2>
            <table class="table">
                <thead>
                    <tr>
                        <th>ID</th>
                <tbody>
                    <!-- Populate with patient details data -->
                    <!-- Query to fetch donor details -->
                    <?php
                    include "DONATEDPTPNL.php";
                    $query = "SELECT * FROM donated_patients"; // Replace with your actual table name
                    $result = mysqli_query($conn, $query);
                </table>
            </div>

        </div>

        <script>

            sidebar.classList.toggle('active');
            contentPanel.classList.toggle('collapsed');
        });

        closeSidebar.addEventListener('click', () => {
            sidebar.classList.remove('active');
            contentPanel.classList.add('collapsed');
        });
    </script>
    </body>
</php>
```

DONATED PATIENT PANEL FORM :

```
<?php
// Include the database connection file
include "ORGDONATEPROCES.php";

// Fetch donated patient records from the database
$query = "SELECT * FROM donated_patients";
$result = mysqli_query($conn, $query);

// Function to delete a donated patient record
function deleteDonatedPatient($conn, $deleteId) {
    $deleteQuery = "DELETE FROM donated_patients WHERE id = $deleteId";
    if (mysqli_query($conn, $deleteQuery)) {
        return true;
    } else {
        return false;
    }
}

// Example usage of the delete function
if (isset($_GET['delete'])) {
    $deleteId = $_GET['delete'];
}

// Example usage of adding a new donated patient record
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    // Extract data from the form
    $PatientName = $_POST['patient_name'];
    $PatientAge = $_POST['patient_age'];
    $PatientGender = $_POST['patient_gender'];
    $PatientAddress = $_POST['patient_address'];
    $PatientEmail = $_POST['patient_email'];
    $PatientNumber = $_POST['patient_number'];
    $Datetime = $_POST['date_time'];
    $PatientBloodGrp = $_POST['patient_bloodgrp'];

    // Insert data into the donated_patients table
    $insertQuery = "INSERT INTO donated_patients (PatientName, PatientAge, PatientGender,PatientAddress, PatientEmail, PatientNumber, Datetime, PatientBloodGrp )
                VALUES ('$PatientName', '$PatientAge', '$PatientGender', $PatientAddress, $PatientEmail, $PatientNumber, $Datetime, $PatientBloodGrp )";

    if (mysqli_query($conn, $insertQuery)) {
        echo "New patient record added!";
    } else {
        echo "Error adding patient record: " . mysqli_error($conn);
    }
}
?>
```

\

NOT DONATED PATIENT PANEL :

```
<?php
header("Cache-Control: no-cache, no-store, must-revalidate");
header("Pragma: no-cache");
header("Expires: 0");
// Replace these with your actual database credentials
$host = "localhost";
$username = "root";
$password = "";
$database = "organdonation";
// Create a database connection
$conn = mysqli_connect($host, $username, $password, $database);

// Check the connection
if (!$conn) {
   die("Connection failed: " . mysqli_connect_error());
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
<link rel="icon" href="Partial/Images/harborLogo.png" type="image/png" />
  <!-- Required meta tags -->
  <meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initial-scale=1">

   <!-- Bootstrap CSS -->
   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
   <script language="javascript" type="text/javascript">
      window.history.forward();
   </script>
   <title>Admin Panel</title>

   <style>

      /* Add this style for the close button */
      #close-sidebar {
         color: red;
         font-size: 30px;
         cursor: pointer;
      }

      .panel {
         background-color: #f7f7f7;
         padding: 20px;
         border-radius: 10px;
         margin-top: 20px;
         box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);
         transition: margin-left 0.5s;
      }
      .centered-panel{
         margin-left:250px;
         transition: margin-left 0.5s;
      }
      .centered-panel.collapsed{
         margin-left:0;
      }

      .center-heading{
            text-align: center;
      }

   </style>
</head>
<body>
   <div id="toggle-sidebar">&#9776;</div>
```

```
    <div class="sidebar active">
        <div id="close-sidebar">&times;</div>
        <link rel="stylesheet" href="Adminpanelbar.css">
        <ul>
            <li><a href="Adminpanel.php">Donor Details</a></li>
            <li><a href="Patientdetailpanel.php">Patient Details</a></li>
            <li><a href="Searchdonorpanel.php">Search Donor</a></li>
            <li><a href="Searchpatientpanel.php">Search Patient</a></li
                        if (mysqli_query($conn, $deleteQuery)) {
                            echo "<script>alert('Record deleted successfully');</script>";
                            header("Location: Ntdonatedptpanel.php"); // Redirect back to the same page to refresh the table
                            exit();
                        } else {
                            echo "Error deleting record: " . mysqli_error($conn);
                        }
                    }

                    // Close the database connection
                    mysqli_close($conn);
                    ?>
                </tbody>
            </table>
        </div>

    </div>

    <script>
    const sidebar = document.querySelector('.sidebar');
    const toggleSidebar = document.getElementById('toggle-sidebar');
    const closeSidebar = document.getElementById('close-sidebar');
    const contentPanel = document.querySelector('.content');

    toggleSidebar.addEventListener('click', () => {
        sidebar.classList.toggle('active');
        contentPanel.classList.toggle('collapsed');
    });

    closeSidebar.addEventListener('click', () => {
        sidebar.classList.remove('active');
        contentPanel.classList.add('collapsed');
    });
    </script>
    </body>
</php>
```

ORGAN DONATION PROCESS :

```
<?php
session_start(); // Start the session
header("Cache-Control: no-cache, no-store, must-revalidate");
header("Pragma: no-cache");
header("Expires: 0");
include "ORGDONATEPROCES.php";

// Fetch data from transplanted_pair table to get the IDs of transplanted pairs
$query = "SELECT Donor_Id, Patient_Id FROM transplanted_pairs";
$result = mysqli_query($conn, $query);

// Store transplanted pairs in an array
$transplanted_pairs = [];
while ($row = mysqli_fetch_assoc($result)) {
    $transplanted_pairs[] = "(" . $row['Donor_Id'] . ", " . $row['Patient_Id'] . ")";
}

// Convert the array to a string to use in the query
$transplantedPairsString = !empty($transplanted_pairs) ? implode(",", $transplanted_pairs) : '';

// Check if ID is set and valid
if (isset($_POST['transplant_successful'])) {
    $id = $_POST['transplant_successful'];

    // Fetch the donor and patient IDs from the orgdonateprocess table
    $query = "SELECT donor_id, patient_id FROM orgdonateprocess WHERE id = $id";
    $result = mysqli_query($conn, $query);
    $row = mysqli_fetch_assoc($result);

    if ($row) {
        $donor_id = $row['donor_id'];
        $patient_id = $row['patient_id'];

        // Move patient record to donated_patients table
        $insertQuery = "INSERT INTO donated_patients (PatientName, PatientAge, PatientGender, PatientAddress, PatientEmail, PatientNumber, DateTime, NeededOrgan, PatientBloodGrp)
                        SELECT PatientName, PatientAge, PatientGender, PatientAddress, PatientEmail, PatientNumber, DateTime, NeededOrgan, PatientBloodGrp
                        FROM patientreg WHERE id = $patient_id";
        mysqli_query($conn, $insertQuery);

        // Delete the record from orgdonateprocess table
        $deleteQuery = "DELETE FROM orgdonateprocess WHERE id = $id";
        mysqli_query($conn, $deleteQuery);

        // Delete the record from notdonated_patient table
        $deletePatientQuery = "DELETE FROM notdonated_patient WHERE id = $patient_id";
        mysqli_query($conn, $deletePatientQuery);

        // Move donor and patient IDs along with names to transplanted_pairs table
        $insertTransplantedPairQuery = "INSERT INTO transplanted_pairs (Donor_Id, Donor_Name, Patient_Id, Patient_Name)
            SELECT dr.id, dr.name, pr.id, pr.PatientName
            FROM donorreg dr
            JOIN patientreg pr ON dr.id = $donor_id AND pr.id = $patient_id";
        mysqli_query($conn, $insertTransplantedPairQuery);

        // Display a success message
        echo "<script>alert('Transplant Successful for ID: $id');</script>";
    }
}

// Fetch data from donorreg and patientreg tables based on compatibility conditions and exclude transplanted pairs
$query = "
    SELECT
```

```
    dr.id AS donor_id,

  <!-- Bootstrap CSS -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script language="javascript" type="text/javascript">
    window.history.forward();
  </script>

  <title>Admin Panel</title>

  <style>
    /* Add this style for the close button */
    #close-sidebar {
      color: red;
      cursor: pointer;
      font-size: 30px;
    }

    /* Add this style for the panel */
    .panel {
      background-color: #f7f7f7;
      padding: 20px;
      border-radius: 10px;
      margin-top: 20px;
      box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);
      transition: margin-left 0.5s;
    }

    .centered-panel {
      margin-left: 250px;
      transition: margin-left 0.5s;
    }

    .centered-panel.collapsed {
      margin-left: 0;
    }

    /* Add this style for the hand icon */
    .hand-icon {
      font-size: 24px;
      cursor: pointer;
    }

    .center-heading {
      text-align: center;
    }



  <div class="content centered-panel">
    <h1 class="center-heading">Welcome to the Admin Panel</h1>

    <!-- Organ Donate Process Panel -->
    <div class="panel">
      <h2>Organ Donate Process</h2>
      <?php
      // Display the results
      echo "<table class='table'>";
      echo "<thead><tr><th>ID</th><th>Donor ID</th><th>Donor Name</th><th>Patient ID</th><th>Patient Name</th><th>Donated Organ</th><th>Match
Time</th><th>Action</th></tr></thead>";
      echo "<tbody>";

      while ($row = mysqli_fetch_assoc($result)) {
        echo "<tr>";
        echo "<td>{$row['id']}</td>";
        echo "<td>{$row['donor_id']}</td>";
        echo "<td>{$row['donor_name']}</td>";
```

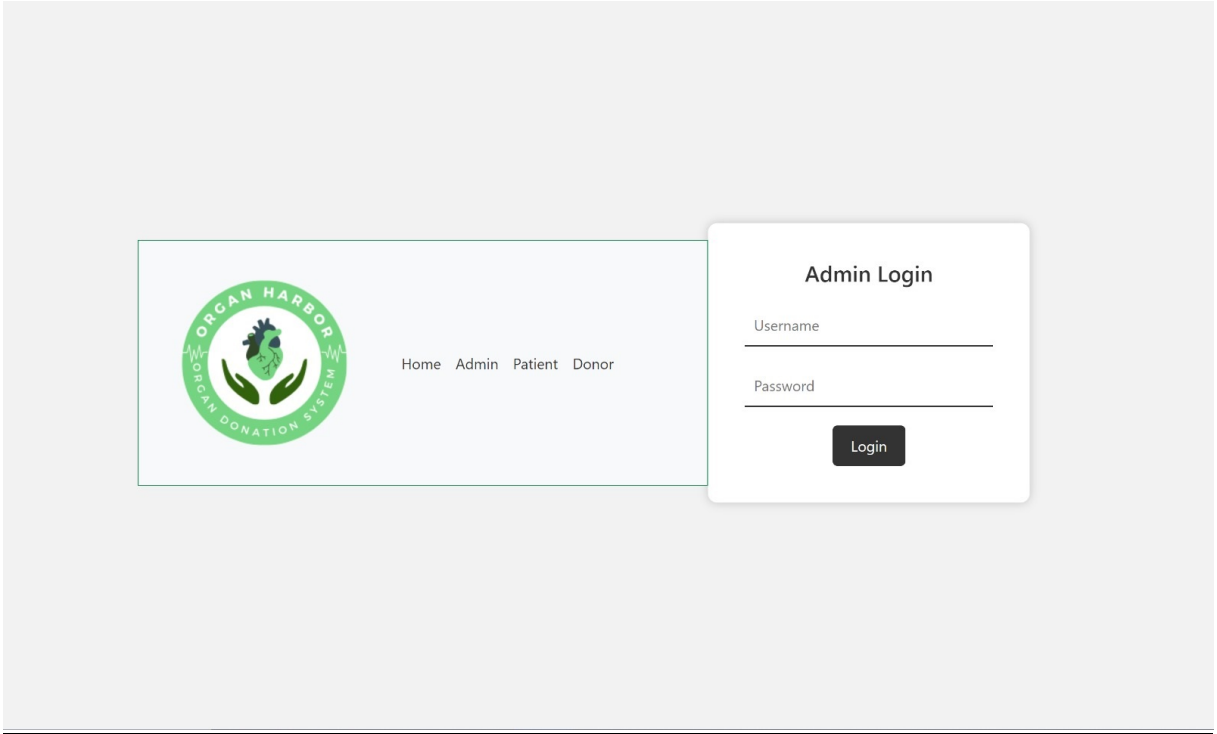
```
            echo "<td>{$row['patient_id']}</td>";
            echo "<td>{$row['patient_name']}</td>";
            echo "<td>{$row['donated_organ']}</td>";
            echo "<td>{$row['match_time']}</td>";
            echo "<td>
            <form method='POST'>
                <button type='submit' name='transplant_successful' value='{$row['id']}' class='btn btn-success'>Transplant Successful</button>
            </form>
          </td>";
            echo "</tr>";
          }

          echo "</tbody></table>";
          ?>
        </div>
    </div>

    <script>
        const sidebar = document.querySelector('.sidebar');
        const toggleSidebar = document.getElementById('toggle-sidebar');
        const closeSidebar = document.getElementById('close-sidebar');

        const contentPanel = document.querySelector('.content');

        toggleSidebar.addEventListener('click', () => {
            sidebar.classList.toggle('active');
            contentPanel.classList.toggle('collapsed');
        });

        closeSidebar.addEventListener('click', () => {
            sidebar.classList.remove('active');
            contentPanel.classList.add('collapsed');
        });
    </script>
</body>

</html>
```

Organ donation process :

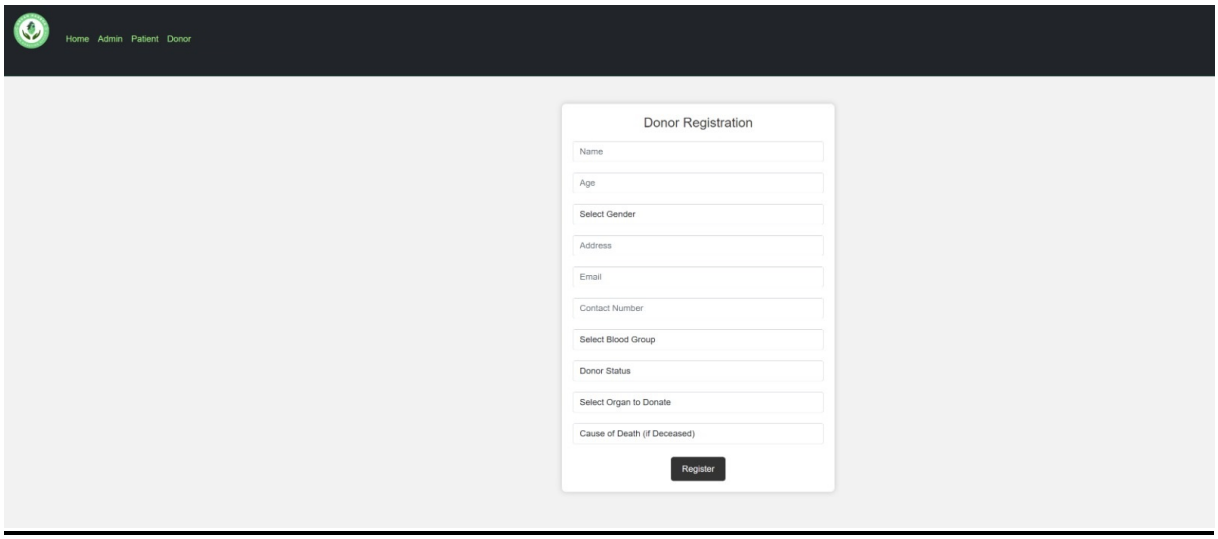
```
<?php
// Replace these with your actual database credentials
$host = "localhost";
$username = "root";
$password = "";
$database = "organdonation";

// Create a database connection
$conn = mysqli_connect($host, $username, $password, $database);

// Check the connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
?>
```

SAMPLE SCREEN

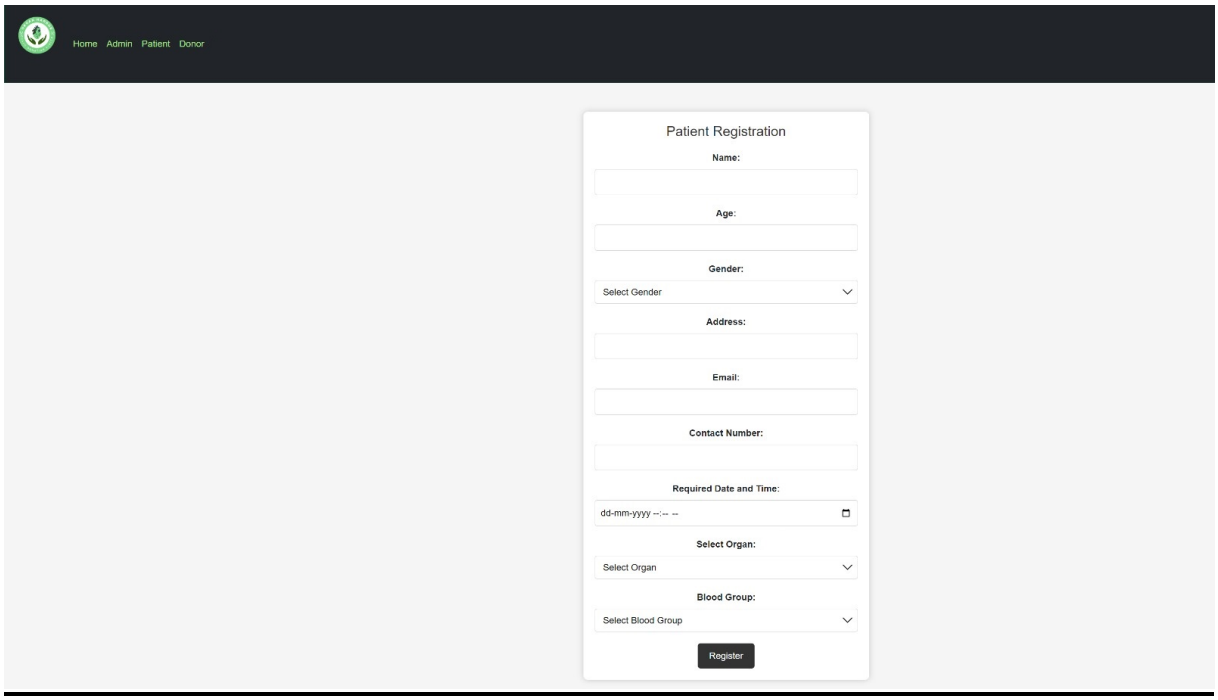
Login Page



Donor Registration Form



Patient Registration Form



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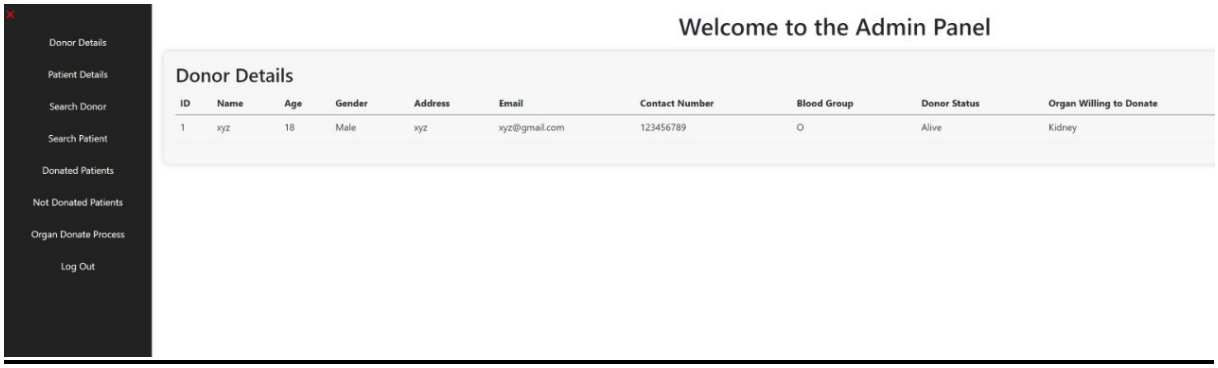

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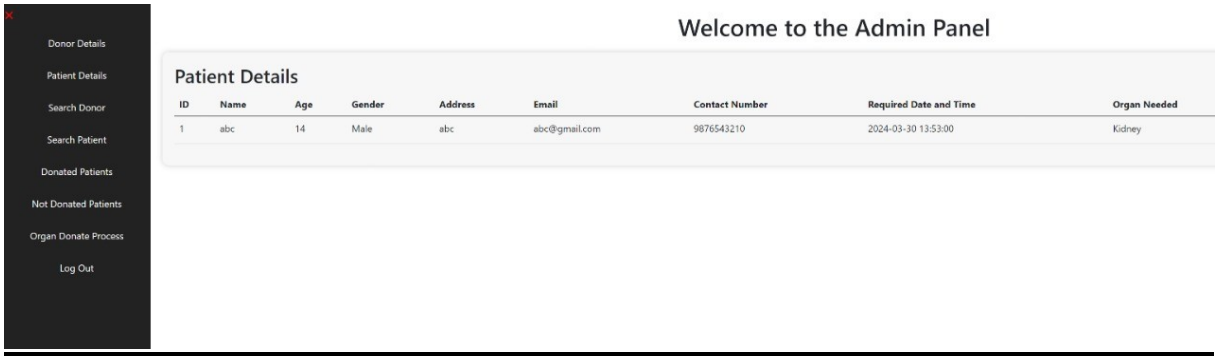
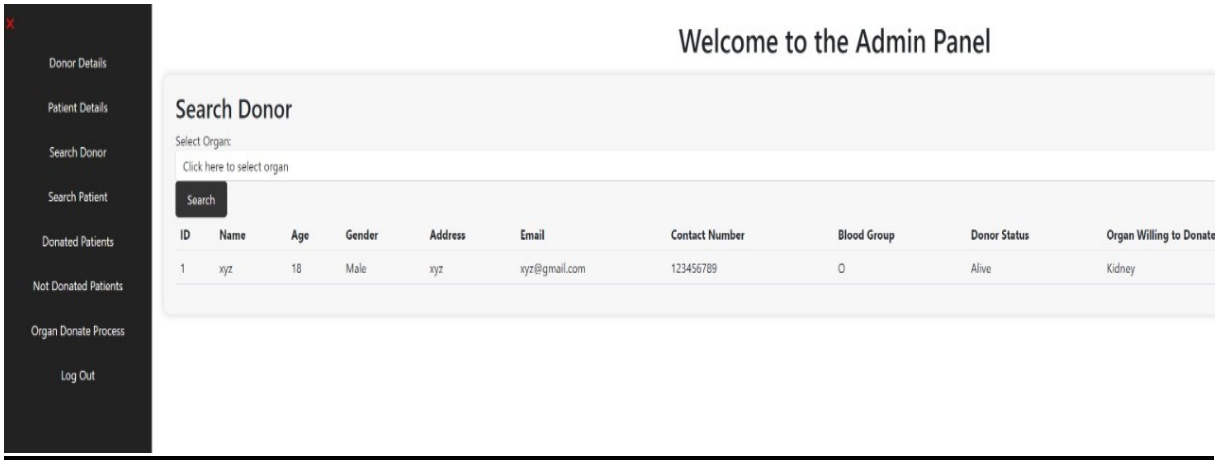


Search Donor Form



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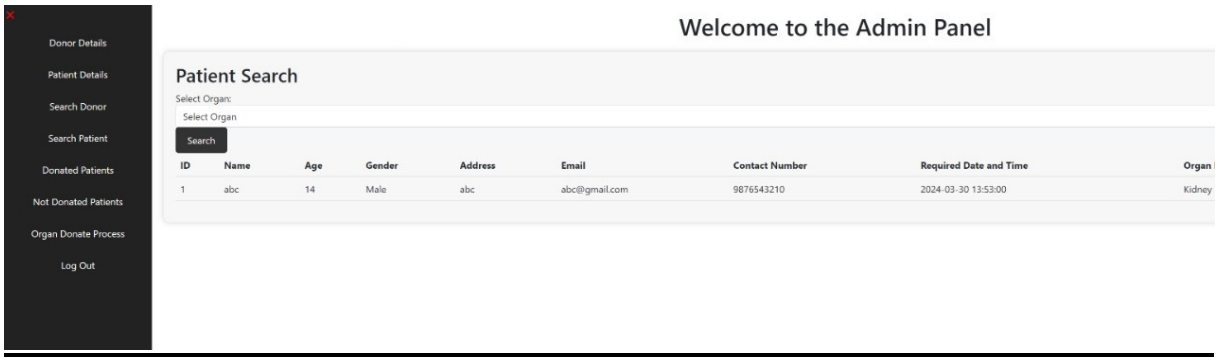
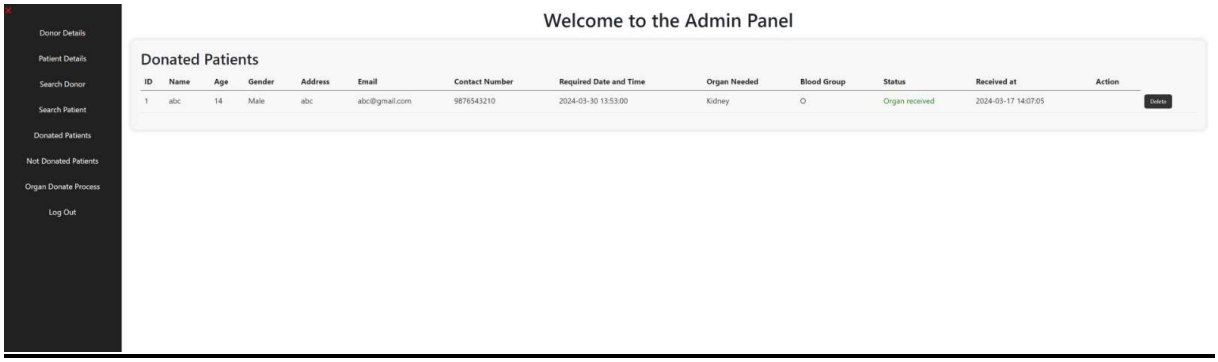
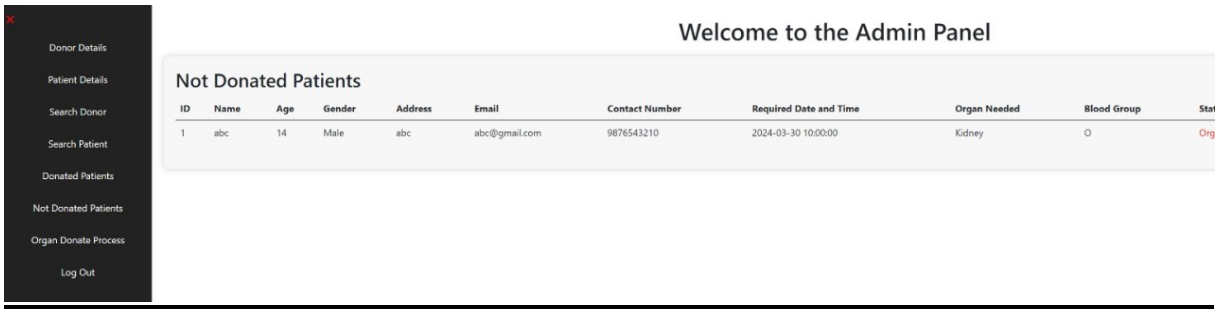


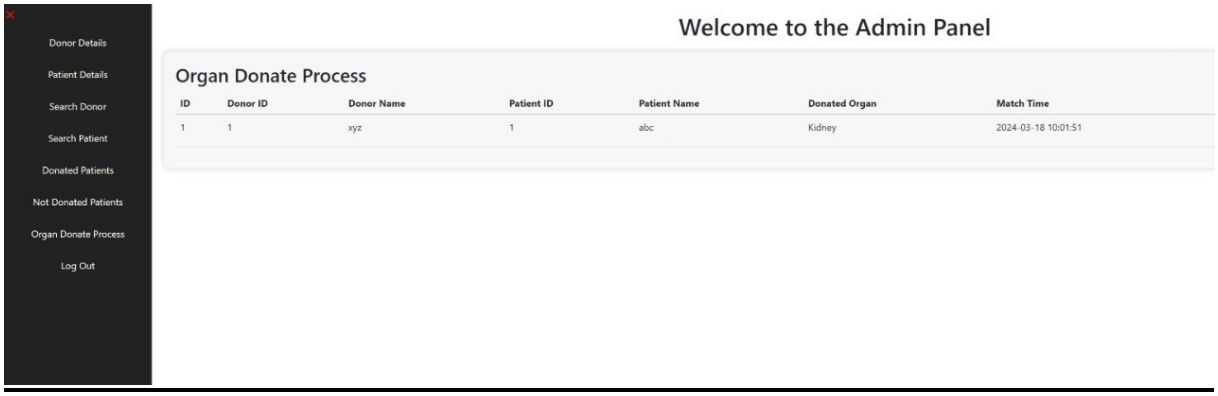
Donted Patient Form



Not Donated Patient Form



Organ Donated Process Form



CONCLUSION

The Organ Harbor Donation System (OHDS) stands as a beacon of hope in the realm of organ donation and transplantation, offering a comprehensive solution to address the intricate challenges and inefficiencies plaguing the existing system. Through meticulous design and strategic implementation, OHDS aims to revolutionize the organ donation process, fostering a culture of altruism, efficiency, and transparency to save lives and improve healthcare outcomes.

At its core, OHDS embodies a holistic approach to organ donation management, encompassing modules tailored to the specific needs of donors, recipients, healthcare professionals, and transplant centers. The Members module serves as the cornerstone, providing a centralized platform for managing donor and recipient information with unparalleled ease and efficiency. From capturing detailed personal profiles to facilitating seamless communication and coordination, this module empowers stakeholders to navigate the organ donation journey with confidence and clarity.

Moreover, the Donations module plays a pivotal role in streamlining the recording and tracking of organ donations, ensuring the accuracy and integrity of donation records. By digitizing the donation process and incorporating advanced tracking mechanisms, OHDS enhances the transparency and traceability of organ donations, laying the groundwork for improved allocation and distribution practices.

The Stock module further enhances OHDS's capabilities by offering real-time visibility into organ inventory levels, enabling proactive management and allocation of scarce resources. With the ability to monitor stock levels, anticipate demand fluctuations, and optimize distribution channels, healthcare professionals can ensure the timely availability of organs to meet the needs of patients awaiting life-saving transplants

Additionally, the Receivers module bridges the gap between healthcare facilities

and organ procurement organizations, facilitating seamless communication and collaboration in the allocation and distribution of organs. By providing a standardized platform for submitting and processing organ requests, OHDS streamlines the allocation process, minimizing delays and maximizing the likelihood of successful transplant outcomes.

Underpinning OHDS's functionality is a robust technology stack comprising cutting-edge programming languages and backend infrastructure. Leveraging the power of technology, OHDS delivers reliability, scalability, and performance, ensuring seamless operation across diverse environments and platforms.

In conclusion, the Organ Harbor Donation System (OHDS) represents a paradigm shift in organ donation management, promising to usher in a new era of efficiency, transparency, and accessibility. By harnessing the collective efforts of stakeholders and the transformative potential of technology, OHDS holds the promise of saving lives, restoring hope, and transforming the landscape of organ transplantation for generations to com

FUTURE WORKS

Future Works for Organ Harbor Donation System (OHDS):

1. **Integration of Advanced Technologies**: Explore the integration of emerging technologies such as artificial intelligence (AI), machine learning (ML), and Internet of Things (IoT) to enhance organ donation processes. AI and ML can be utilized for predictive analytics to optimize organ allocation and matching algorithms, while IoT devices can provide real-time monitoring of organ viability during transportation.

2. **Enhanced Communication and Collaboration Tools**: Develop advanced communication and collaboration features within OHDS to facilitate seamless interaction between donors, recipients, transplant centers, and healthcare professionals. This may include secure messaging systems, video conferencing capabilities, and virtual collaboration platforms to streamline decision-making and coordination.

3. **Expansion of Donor Recruitment Strategies**: Implement innovative strategies to expand the donor pool, including targeted outreach campaigns, social media engagement, and community-based initiatives. Leveraging technology and social networks can help raise awareness about organ donation and encourage more individuals to register as donors.

4. **Personalized Donor-Recipient Matching**: Investigate the feasibility of implementing personalized matching algorithms that consider genetic, immunological, and lifestyle factors to improve compatibility between donors and recipients. Personalized medicine approaches can enhance transplant success rates and reduce the risk of rejection.

5. **Telemedicine and Remote Patient Monitoring**: Integrate telemedicine platforms and remote patient monitoring devices into OHDS to provide post-transplant care and follow-up remotely. Telemedicine consultations and remote monitoring can improve access to care, enhance patient satisfaction, and reduce the burden of in-person clinic visits.

6. **Data Sharing and Research Collaboration**: Foster data sharing and collaboration among transplant centers and research institutions to facilitate research on organ donation and transplantation outcomes. Establishing data repositories and research networks can enable large-scale studies to identify trends, predictors of success, and best practices in organ transplantation.

REFERENCES:

https://www.youtube.com/watch?v=Nm5ZnERjJ6A

"HTML, CSS, JavaScript"

• W3Schools: HTML Tutorial Link:

(https://www.w3schools.com/html/)

• W3Schools: CSS Tutorial Link:

(https://www.w3schools.com/css/)

• W3Schools: JavaScript Tutorial Link:

(https://www.w3schools.com/js/)

• MDN Web Docs: JavaScript Guide Link:

(https://developer.mozilla.org/enUS/docs/Web/JavaScript/Guide

"Bootstrap"

• Bootstrap Documentation Link:
(https://getbootstrap.com/docs/5.1/getting-started/introduction/)

•
Bootstrap Bay: Bootstrap Tutorials Link:
(https://bootstrapbay.com/blog/tutorials/)

EXPERT OPINION