**MRITA SANJEEVANI**

**Project Abstract**

**Version 1.0**

**Logo, company name

Description automatically generated**

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# Purpose of this document

This document provides an overview about the abstract of the project.

# Business Case

## Problem Statement

There is a significant shortage of blood and organs for transplantation in many parts of the world, leading to increased morbidity and mortality among patients requiring these life-saving treatments. Despite the high demand for blood and organs, many people are still unaware of the importance of donation, and others are unable or unwilling to donate due to various reasons, including fear, cultural or religious beliefs, or lack of information. This shortage is particularly acute in developing countries with inadequate health infrastructure and limited access to medical services. As a result, many patients are unable to receive the necessary transfusions or transplants, leading to poor health outcomes and decreased quality of life. Therefore, there is a pressing need to increase awareness and encourage more people to donate blood and organs to address this critical issue.

## Project Description

The system allows the airline passenger to search for flights that are available between the two travel cities, namely the “Departure city” and “Arrival city” for a particular departure and arrival dates. The system displays all the flight’s details such as flight no, name, price and duration of journey etc. After search the system display list of available flights and allows customer to choose a particular flight. Then the system checks for the availability of seats on the flight. If the seats are available then the system allows the passenger to book a seat. Otherwise, it asks the user to choose another flight

## Project Modules

The goal of this project is to increase awareness and encourage more people to donate blood and organs to address the shortage of these life-saving resources. To achieve this goal, the project will involve several activities, including:

1. Outreach and education: The project will involve outreach to the general public through various channels, including social media, community events.The aim will be to educate people about the importance of blood and organ donation, dispel myths and misconceptions, and provide information on how to donate.
2. Partnership and collaboration: The project will seek to establish partnerships with relevant organizations, including blood banks, hospitals, and other healthcare providers, to promote blood and organ donation. Collaboration with religious and cultural groups will also be sought to encourage their members to donate.
3. Donor recruitment: The project will actively seek out potential donors through targeted campaigns, including workplace blood drives and community-based events. The aim will be to encourage people to register as donors and provide them with the necessary information and support to do so.
4. Data collection and analysis: The project will collect data on the number of donors, donations made, and the impact of the project on increasing awareness and promoting donation. This data will be analyzed to assess the effectiveness of the project and identify areas for improvement.
5. Advocacy and policy change: The project will advocate for policy changes and reforms to improve the donation process and remove barriers to donation. This will include working with policymakers and relevant stakeholders to develop policies and regulations that promote donation and ensure safe and equitable access to blood and organs.

Overall, the project will aim to increase the number of blood and organ donors, improve access to these life-saving resources, and ultimately save lives.

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Module 1: User Login

User registration and login: This module allows users to create an account on the application and log in using their credentials. Users can access their profile, update their personal information, and view their donation history.

Module 2: Administration Login

This module allows administrators to log in to the application and access the administrative dashboard. Administrators can manage user accounts, view donation data, and generate reports.

Module 3: Donation scheduling

This module allows users to schedule a blood or organ donation appointment at a nearby blood bank or hospital. Users can select the donation type, location, and date and time of the appointment.

Module 4: Donation history

This module allows users to view their donation history, including the date and location of their previous donations. Users can also view their eligibility status and the results of their screening tests.

Module 5: Donor search

This module allows users to search for blood or organ donors based on location, blood type, and other criteria. Users can view donor profiles, including their contact information, donation history, and eligibility status.

Module 6: Messaging system

This module allows users to communicate with each other and with administrators. Users can send and receive messages, ask questions, and receive notifications about donation opportunities.

Module 7: Feedback and rating

This module allows users to provide feedback on their donation experience and rate the blood bank or hospital. This feedback can help improve the donation process and ensure the quality of care provided to donors.

Module 8: Reporting and analytics

This module allows administrators to generate reports on donation data, including the number of donations made, donor demographics, and donation trends. This data can help administrators make informed decisions about donation campaigns and resource allocation.

## Benefits

Benefits for User:

* Personalized donation history: Users can view their donation history and eligibility status, which can help them plan their future donations and ensure they are eligible to donate.
* Improved access to donation opportunities: The application can help users discover nearby blood banks and hospitals that accept donations, increasing their options for donation and making it easier to find a convenient location.
* Communication and support: Users can communicate with other donors and with administrators, ask questions, and receive notifications about donation opportunities. This can provide a sense of community and support for users who may have questions or concerns about the donation process.
* Feedback and rating: Users can provide feedback on their donation experience and rate the blood bank or hospital. This feedback can help improve the quality of care provided to donors and ensure a positive experience for future donors.

# Appendices

## Glossary

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| **Acronyms** | **Definitions** |
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## Other

# Terms & Conditions

***Disclaimer: Please do not circulate or distribute this document outside of Cognizant Network, we have a Zero Tolerance Policy. Kindly adhere to 100% Compliance at all times.***

# Change Log

*Please note that this table needs to be maintained even if a Configuration Management tool is used.*

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| --- | --- | --- | --- | --- |
| Version Number | Changes made | | | |
| V<n.n> | *<If the change details are not explicitly documented in the table below, reference should be provided here>* | | | |
| Page no | Changed by | Effective date | Changes effected |
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