

E – Donor (Organ Donation Application)

Proposer

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proposed project : E – Donor (Organ Donation application)

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Problem statement

Currently, in Sri Lanka , the number of patients is increasing day by day due to many things such as the irregular diet of the people. Most of these patients report cancer and organ transplants. Most of these patients report organ transplants.

When a patient needs an organ transplant, there are two main ways he or she can fulfill it. They are from a family member or an outsider. Of these, the possibility of finding a suitable organ from a family member is very low. All that is left in such a situation is to seek the help of an outsider, in fact this is a very difficult task as well as a very problematic one. Here the patient's family, as well as the patient, have to find an organ that fits the patient. It's stressful. This is because the number of people who want to donate organs is very limited. Also, different media (facebook, whatsapp, instergram) should be used for that. This method is still used today. But there are problems with that system as well.

In some cases, many patients die due to inability to find suitable organs, and some patients are still suffering .This is becoming a chronic problem. My attempt is to find a solution to this problem.

Project description

My proposal for the final year project is "E-Donor" (organ donation application) . This application is related to health . Currently in Sri Lanka , I have identified that there is no proper method for patients to find necessary organs for transplants. Therefore , I propose to develop this organ donation application . The importance of a human life is considered in this application . That is why this project , E-Donor (Organ donation application) is chosen to develop . By using this application patients and their family members (users) can view the information about registered donors .

Donors can register to application by filling necessary details. Also donors need to submit their full body checkup report within last 2 months . And also requesters can search and find suitable organ donor if available .

And the system is capable of requesting organ donors to donate organ immediately in case of emergency .

This application is a purpose built solution to patients can search and find suitable organ donor if available , this could reduce the number of deaths in many patients. I also think this will help reduce the number of patients who have been on the hospital list for years. Therefore it is very useful to patients and medical staff.

Project keywords

Android , Mysql, PHP , Node.js , JavaScript, React native

Requirements

I have to learn about My SQL Database connections , PHP framework ,Performance improvements with React Native , Mobile push notifications, Android Studio technologies and Javascript & Node JS technologies .

Finance

Cost for internet facilities and other softwares.

External organizations

None.

Other staff

None.