

# Online Organ Donation System

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**Abstract:** Organ is an important aspect for a living things. Organ donation is a lifesaving process in case of emergency requirement. In this system users can view all the information provided. The main aim of developing this system is to reduce the time to a great extent that is spent in searching for a right donor required. As well as user can register himself for his/her organ donation after his or her death to the needed ones.

**Keywords:** Organ,Website,Management,Donation

## I.INTRODUCTION

The need of organ is great as it is life, as there is no replacement for human body and organ. Every day organs are required in hospitals and emergency treatment facilities for patients with cancer, and other disease's , for organ transplant recipients, and to help save lives of patients. With growing population and advances in medical treatments and procedures requiring blood transfusions , the demand for organ continue to increase . In India many people are losing their lives everyday in emergency situations because we are suffering from lack of organs , and they do not receive the organ timely.

## II.LITERATURE REVIEW

The recommended systems can provide the users with appealing or useful objects among a large range and variety of possible choices in a personalised way. The most influential people in an online social network by Social Network Analysis were proposed. Its uses clusterindexing Collaborative filtering for accurate SNA recommendation results. The study includes SNA, rating pattern and amplifying approaches are effective. In this model, it directly incorporates social network information extracted from the real world and social media. The conditions that must be satisfied for the purpose of donating blood are the donor should not donate blood if he or she has undergone any of the major surgeries in the recent past three months . It should be mandatory that donor must not be under any influence of alcohol 48 hours of time period before donating and all so prohibit smoking on the day before the donation. The donor medication history must be checked for the recent few months.

The web application for blood donation management which provides platform that provides an online edge between blood donors and patients who need organ. The interested donors must register their profiles with the website.

## III.PROPOSED SYTEM

The solution we propose, and to which this project gives contribution, is based on the observation of the procedures currently followed by medical personnel to organize a transplant. The aim is to substitute the tasks that could be performed automatically with multi-agent systems capable of reproducing the behavior of humans. For simplicity, as a first realization, we consider to work just on a national (Swiss) level. This will allow us not to take into account international rules and laws and will make the matching easier. The process is mainly divided into five parts .

Registration of recipients. Every hospital which has at least one patient in its waiting list and wants to participate to the assigning procedure has to register to the system. The registration has both the function of subscription and of information storing in the organ transplantation mechanism database.

## IV.DATABASE TABLE DESIGN

adharno	username	contactno	address	organ	password	readyx
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Donor Table



adharno	username	contactno	address	organ	password	wno
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Receiver Table

licenseid	adharno	contactno	organ	password	username
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Doctor Table

name	Email	message
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About Us

docadhar	donadhar	type	stat	date	suggestion
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Donor report

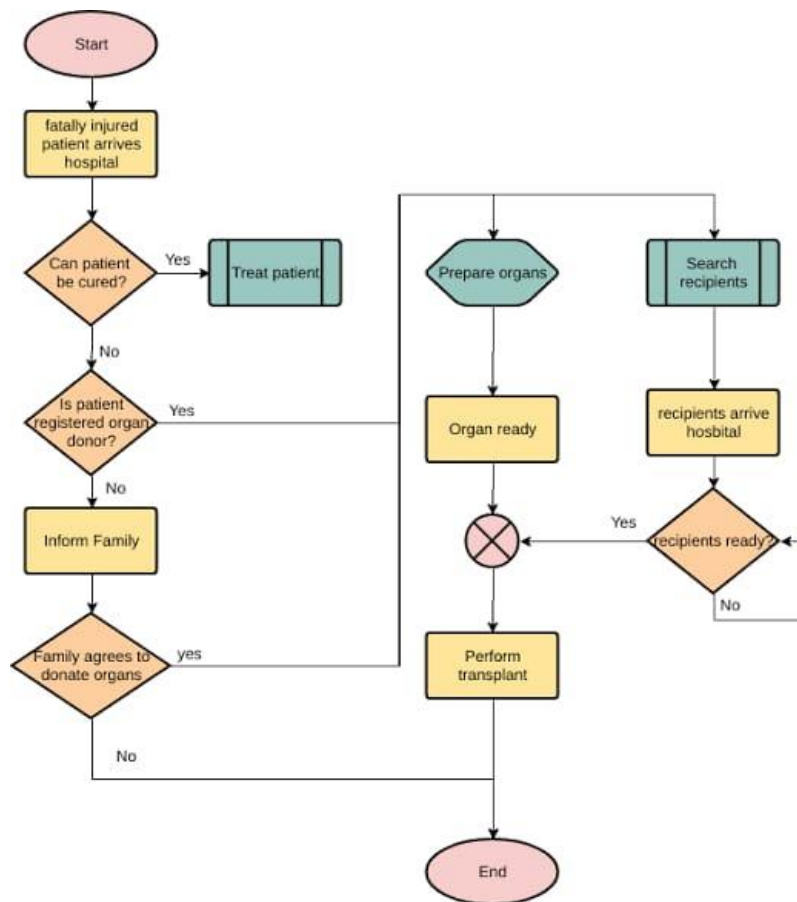
docadhar	radhar	Type	Stat	date	suggestion
----------	--------	------	------	------	------------

Receiver report

organ	wno
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Status

## V.FLOWCHART



## VI.RESULTS


**ARE YOU READY TO DONATE?**



Receiver Name: Yogesh  
Aadhar no: 9876543  
Address:KoparKhairne  
Organ:brain

### DONOR PAGE AFTER LOGIN

**WELCOME : PRATHAMESH**



Receiver Name: Prathamesh  
Aadhar no: 1472583  
Address:Khaarghar  
Organ Needed:brain  
Waiting Number:1

Sno.	type	status	date	suggestion

### RECEIVER PAGE AFTER LOGIN

**WELCOME - DR:ROHAN**

Aadhar no: 931173239009  
License ID:102  
Organ Specialized:kidney

- [Available Donors](#)
- [Available Receivers](#)
- [Operation](#)

### ENTER REPORT: DOCTOR PAGE AFTER LOGIN

**WELCOME ADMIN**

- DONOR
- DOCTOR
- RECEIVER
- FEEDBACK

Sno.	user name	adhar no	mobile no	address	organ	password
1	Varad	7894563	2147483647	Airoli	brain	Varad
2	Vaibhav	9856321	78451296	Panvel	kidney	Vaibhav
3	Yogesh	9876543	12345678	KoparKhairne	brain	Yogesh
4	Anirudh	55555555	2147483647	ulwe	kidney	Anirudh
5	Roshan	2147483647	2147483647	Kalyan	kidney	Roshan

### ADMIN PAGE AFTER LOGIN



### VII.CONCLUSION

Online organ donation system will be a website. The purpose of the system is to simplify the process of searching the organs in emergency cases . Using this website organ seeker can search for organ donors and can contact the donor. The website can also be used for the donors who are seeking to donate their organs / register for organ donation. This system will be very useful for the society , this system will make a change in hospital management system. And it will make the organ donation process at fast track.

### VIII.REFERENCES

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