
KUHU GUPTA

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Required Skills:

Python, HTML, JavaScript, Web Application, Responsive Design

Preferred Team

Communications:

Conference Call, to be discussed

Data Sources:

Organ Procurement and Transplantation Network (OPTN) and Scientific Registry of Transplant Recipients (SRTR) Reports

Other Items:

Project has time zone flexibility. Mentors and students will determine a good time for virtual meeting

Team Info:

Needs a Developer, DBA, Project Manager. Allows one team of 4-6 members.

ORGAN TRANSPLANT CENTER RECOMMENDER

More than 114,000 Americans eligible for organ transplants are waiting for a donation. And the waitlist length grows much faster than the donor numbers. Moreover, receiving a transplant you must first register yourself on the waitlist of a transplant centre. Since organ Transplant can be time sensitive, it is best for you to choose the ones adjacent to where you live as well as the success rate and death rate of that organ's transplant rate. A web application that recommends a transplant centers to a patient will help make an informed decision.

PROJECT OBJECTIVES

Build an application where the user enters his zip code and organ that he needs a transplant for. The application makes a transplant centre recommendation based on location, death rate and success rate of the transplant center.

SUCCESSFUL PROJECT

Aesthetically pleasing web application. Information is presented to the patient with maps and data visualization which are easy to navigate and search.

Intellectual Property: None