

IBM NALAIYA THIRAN

TOPIC:

Plasma Donor Application

TEAM MEMBERS:

1. Lakshmi Raam (19I301)
2. Aghila Harshini (19I306)
3. Kriti.S.Rithanya (19I327)
4. Vijay G(19i359)

PROBLEM STATEMENT

QUESTION	DESCRIPTION
Who does the problem affect	People who are in need of plasma donors
What is the issue	Unable to find plasma donors during need for different blood groups
When does the issue occur	When a person lacks plasma content in blood
Where is the issue occurring	When a person is affected by illness and plasma count decreases in their body
Why it is important that we fix the problem	Important as it will be easily for people to find their donor in easy and quick manner

In this project we propose an efficient way to identify plasma donors. This app provides a list of donors in your city/area. In our application we ask our donor to enter their details like name, phone number, age, weight, date of birth, blood group, address etc. At the emergency time of blood needed we can check for blood donors nearby by using GPS. Once the app user enters the blood group which he/she needs it will automatically show the donor nearby and send an alert message to the donor. In case if the first donor is not available it will automatically search the next donor which is present in the queue. Once the donor donates the blood it will automatically remove the donor detail for next three months.