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| 10/19/2022 |

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| IBM CLOUD |
| PLASMA DONAR APPLICATION |
| PROJECT DESIGN |

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**5. AVAILABLE SOLUTIONS**

The existing application used only collecting details of donors but it does not notify them at the right time.

Our solution is building a website that notifies the donors at the right time.

**6. CUSTOMER CONSTRAINTS**

# 1.CUSTOMER SEGMENT(S)

* + Donors
  + Patient
  + Hospitals

# 2.JOBS-TO-BE-DONE/PROBLEMS

* Regular Internet connection
* Donor health condition
* Unavailability of plasma
* Difficult to find donors at the right time / at the time of emergency.
* Donors not aware of plasma requirements.

# PROBLEM ROOT CAUSE

* + Not able to find the donors at the time of emergency.

**7.BEHAVIOUR**

The customer comes forward to

* Attend plasma donation camps.
* Donate plasma
* The hospital management/ patient is able to find plasma donors at the right time.
  + Count of donors has been tremendously decreasing since hospital management couldn't contact them or get them notified at the right.

# TRIGGERS

Blood donation improves or saves lives and enhances social solidarity. It is also influenced by increasing deaths due to unavailability of plasma at required times.

# EMOTIONS: BEFORE/AFTER

**Before:**

Patient/ hospital find it hard to get a right resource to get plasma leaving them upset.

**After:**

The donors and customers have a feeling of satisfaction.

# 10. YOUR SOLUTION

Creating website which will provide information about available donors and plasma. If not available, the customer will be notified when plasma is available.

**8.CHANNELS OF BEHAVIOUR**

**Online:**

Can use the website to find donors.

**Offline:**

Can use the record maintain by the hospital.