

Health Department

Blood Bag Traceability - Phase II

Business Case

- ▣ Refrigerators in Collection centers & Storage centers are fitted with conventional recorders
- ▣ Temperature of blood bags are not monitored during transit from Collection centers to Storage centers
- ▣ Storage Centre- Storage Centre transfer of blood bags not recommended as they are not sure of the temperatures through which the blood bags have been subjected to
- ▣ Manual Recording of Donor /Recipient info, blood quality analysis etc.
- ▣ Voluntary blood donors are not matched in real time with needy recipients

Internet of Things

Outcome/Benefits

- ▣ Reduction of human efforts in record keeping
- ▣ Quality monitoring of blood bags even during transit
- ▣ Quality monitoring of blood bags
- ▣ Maintaining sufficient voluntary blood donation while minimizing the blood wastage.

