

# Automated Blood Bank Based On IOT

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**Abstract:** Every year the nation requires about 4 Crore units of blood, out of which only a meager 40 Lakh units of blood are available. Automated blood bank System is planned to bring direct communication between blood donors and co jointly the recipient. The aim of this method is to satisfy every blood request by exploitation Arduino UNO, GSM, inside the planned system, information about the donors are collected in nearby hospitals and different blood banks. There are multiple blood banks around the world, however none of them offer the capability for a direct contact between the donor and recipient. This is often a serious disadvantage notably in cases wherever there in associate degree pressing would like of blood. This project aims to beat this communication barrier by providing an immediate link between the donor and the recipient.

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