

Project Proposal

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Project Title- RAKTHPRO

Vision: To save lives of patients who die due to lack of required Blood on time

Summary:

A blood bank is a cache or bank of blood or blood components, gathered as a result of blood donation or collection, stored and preserved for later use in blood transfusion. The term "blood bank" typically refers to a division of a hospital where the storage of blood product occurs and where proper testing is performed. It sometimes refers to a collection center, and indeed some hospitals also perform collection. In spite of the Blood Bank facilities at hospitals or healthcare center, it has been observed that many times patients face challenges in procuring relevant blood as per the group criteria (O, A, B, AB etc.). Moreover, because of greed and corruption among paramedical staff corruption sometimes black-marketing of blood is done by various circles of middlemen. As a result innocent people are trapped into the wrong practices and compelled to pay more. With this backdrop, I wish to propose a project on Blood Bank Management System (BBMS). In this project I will try to implement a distributed database from a centralized database of Blood Bank Management System which will increase the system performance, reliability and throughput.

Note: I will present the detail plan of this project if shortlisted.