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Centralized Blood Bank Database and Management System

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- [Osunlana Ismail](#),
- [Sanjay Misra](#),
- [Jonathan Oluranti](#) &
- [Ravin Ahuja](#)

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Abstract

A blood bank is a place where blood is collected and stored to be used by other individuals who need them either due to health emergencies or blood shortages. Blood banks are scattered all over places and not easily assessable to donors and patients who need them. So, it is important to have an organized database to help in allowing donors easily locate the nearest blood banks and donate blood, and also to make patients easily access blood when they need them within the shortest possible time. The aim of this research is to build a feasible system to help in the efficient management of blood bank activities and also provide easy platforms for patients to easily access blood during emergencies. This app would be built on the android platform connected with a secured online cloud-based database to keep the patients, donors and blood banks' details safe. This is an efficient management system for blood banks as their strenuous process is now being made easy using technology.

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Author information

Authors and Affiliations

- 1. Covenant University, Ota, Nigeria**
Osunlana Ismail, Sanjay Misra & Jonathan Oluranti
- 2. Shri Vishwakarma Skill University, Gurgaon, India**
Ravin Ahuja

Corresponding author

Correspondence to [Sanjay Misra](#).

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