# DBMS Project Report
## Blood Bank Management System

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## ABSTRACT

Our Blood Bank Management System enables Blood Banks keep track of their blood inflow, its compatibility with a perspective recipient and more.

The website allows staff access, hence allowing banks to quickly and efficiently facilitate transport.

## TOOLS USED

PostGreSQL was used to create the database. Website UI was made with Javascript and CSS, (hosted as usual by an XAAMP server). PHP and MySQL were used to connect to the back -end.

## POSSIBLE IMPROVEMENTS

- Multi level staff access for enhanced security.
- Have seperate systems for transactions and analytical workload (since the former requires normalisation and the latter, denormalisation).

- Integrate with a seperate events database to allow geographical inclusion, promote local hospitals and include event manager login.
- Use Django.

## FINAL OUTCOME

Our final outcome is a blood bank management system that allows to keep track of where any unit of blood is from. Staff login enables to check how much of each type is available, cities and statistics.
Donor login enables them to enter their personal details and blood type, enabling bank to include them in search results.