***ABSTRACT***

This project is aimed to help the people through online information about the available blood donors .The entire project has been developed keeping in view of the cloud computing technology, in mind. The Blood Donation Application is to create an e-Information about the donor and organization that are related to donating the blood. Through this application any person who is interested in donating the blood can register himself in the same way if any organization wants to register itself with this site that can also register. Moreover if any general consumer wants to request, blood online he can also take the help of this site. Admin is the main authority who can do addition, deletion if required.

The project has been planned to be having the view of cloud computing technology, with centralized storage of the database. The application for the storage of the data has been planned. Using the constructs of MY\_SQL. The database connectivity is planned using the “SQL Connection” methodology. The standards of security and data protective mechanism have been given a big choice for proper usage through email address and password of specific user.

The user interfaces are browser specific to give distributed accessibility for the overall system .The basic constructs of table spaces, clusters and indexes have been exploited to provide higher consistency and reliability for the data storage. The authentication and authorization was crosschecked at all the relevant stages.