NEW LIFE

(THE COMPLETE DONOR APP)

V.A.KISHORE K.HEMANTH KUMAR

(3RD YEAR ECE) (3RD YEAR ECE)

R.M.K ENGINEERING COLLEGE R.M.K ENGINEERING COLLEGE

ABSTRACT:

According to WHO(world health organization) more than 38,000 blood donations are required every day, as it is very difficult for the blood banks to handle such a large requirements, many life’s are lost due to the shortage of blood. As a result the mortality rate goes high and there exists the problem of arranging for the rare blood groups. To overcome this problem, solution is to develop a network of Interested donors via an mobile application, for this purpose using the IBM BLUEMIX TECHNOLOGIES SQL DATABASE,KINETISE AN MOBILE APPLICATION NAMED NEW- LIFE has been developed. The app is designed using the IBM BLUEMIX CLOUDANT SQL DATABASE FOR DATABASE INTERACTIONS,KINETISE FOR FRONT END DEVELOPMENT. The application also incorporates the features for eye donation, organ donation. The facilities for eye donation, organ donation have been implemented to popularize the need of eye and organ donation. Facilities like blood donation date tracker, post the blood requirements, locating nearest blood bank, common queries about the blood donation, daily list of blood requirements, requesting the details of urgent blood needs via sms,phonecall,email is provided to help the needy to the maximum. The new-life application has been designed to benefit the donors and recipients and ensures that blood; eye donation is made saving the most important human life and helps the blind to visualize the beautiful world.