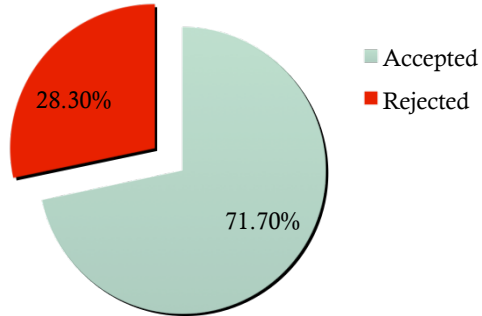
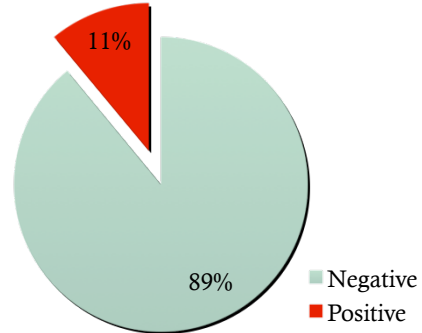


Introduction

Pre-donation 2010



Tested Donors 2010



Specification

- ◆ Accessible for all facilities
- ◆ Donor database
 - ◆ Donor's information
 - ◆ Donation history
- ◆ Manipulate donor data
- ◆ Communication with donors
- ◆ Secure

Implementation

- ◆ Website
 - ◆ Joomla
- ◆ Programming Language
 - ◆ PHP
- ◆ Database
 - ◆ MySQL

Achievements

- ◆ General system structure
- ◆ Users
 - ◆ Registration
 - ◆ Login
 - ◆ Profile
 - ◆ Donation status
- ◆ Donor Centers
 - ◆ Donation history
 - ◆ Donation status
 - ◆ Send individual donor request
 - ◆ Send donation request announcement
- ◆ Implement SMS service
- ◆ Secure the system

Donation status

- ◆ Requirements:
 - ◆ Eligible to donate
 - ◆ Select donors to receive notification
- ◆ Implementation:
 - ◆ Status field
 - ◆ Active/inactive
 - ◆ Auto update (cron job)
 - ◆ Update the status
 - ◆ One by one to check if eligible for the new status
 - ◆ Availability date
 - ◆ Direct calculation before inserting in the system
 - ◆ MySQL date query

Challenges

- ◆ Joomla
 - ◆ New platform
 - ◆ Functions implementation
 - ◆ Joomla library
- ◆ SMS service
- ◆ Security
 - ◆ Sensitive data

SMS

- ◆ Implementation
 - ◆ Clickatell
 - ◆ SMS Gateway, APIs through HTTP/s connection
 - ◆ PHP
- ◆ Usage
 - ◆ Registration
 - ◆ Resetting password
 - ◆ Announcement for donation
 - ◆ Individual SMS
- ◆ Alternative
 - ◆ Under developing new mailing system
 - ◆ Email

Security

- ◆ General web security
 - ◆ Password combination & encryption
 - ◆ Blocking users after attempting 3 failure login
 - ◆ Blocking international IP
 - ◆ Sanitize user inputs
 - ◆ Different access levels
 - ◆ Auto logout
- ◆ Joomla security
 - ◆ Open source
 - ◆ Tag generator
 - ◆ Extensions
 - ◆ Remove unrequired stuff

Future works

- ◆ Add more functions to current modules
- ◆ Extend system
 - ◆ Share blood inventory
 - ◆ Send regular notification for donors
 - ◆ Donation reminders
 - ◆ Appreciation





e-Safe Blood

Home Blood Donor Donor Center Contact us

Registration process to become a hero:

1. Fill the form below
2. Verification code will be send to your mobile number
3. Registration complet

National ID: 10 digits, ONLY numbers

Password: must contain capt&small letters, numbers & characters min 8 max 10 in total length

Confir Password: must match entered password

First Name:

Last Name:


Date of Birth: day month Y: e.g Year:1975

Mobile Number: NO + or 00, e.g 447xxxxxxxx

Email: must be valid email address

Your blood group:

City:



e-Safe Blood

Home Blood Donor Donor Center Contact us

please select from the following

Select the City:

Select the blood group:

Enter your Msg:

there is a need to your blood type kindly visit us as soon as possible to donate blood your help is highly appreciated

Blood Donation Center Services

- Check a Donor Status
- Update a Donor Status
- Check Donation History
- send SMS
- Group SMS
- Change password
- Logout

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