Central Blood Bank Database With Anti GPS Mobile System

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Abstract-- **The main purpose of blood donor central database and web portal is to have one central database of blood donor and make the hospital management to find the current location of mobile of nearest donor by using GPS facility with great accuracy in case of emergencies.**

Our objective is to Looking for an online centralised web-portal where blood banks and hospitals can look for donors in their nearby area who will be available in quick time . And also keep record of donors health report to evaluate quickly .

In order to fulfill the above requirement our project will provide following facilities

- **Provide central database of blood donor.**
- **Which find the current location of user (blood donor) by using GPS facility with great accuracy.**
- **We can find the location of any Blood bank in the near by area.**
- **We can find the location of any Hospital in the nearby area.**
- **It provides a quick approach system.**

Keywords-- **anti gps (advanced navigation technology, global positioning system)**

I. INTRODUCTION

The main purpose of blood donor central database and web portal is to have one central database of blood donor and make the hospital management to find the current location of mobile of nearest donor by using GPS facility with great accuracy in case of emergencies.

We can find the location of any closest donor through web portals and also make it possible for the interested persons to register themselves as a donor with all details of health checkup and all other requirement needed to register so that hospital management can use that details in case of a emergency purpose.

A. Users of the System

I. Administrator (this should be a general body , could be from central blood bank agency)
II. Blood Banks, Hospitals, Clinics, etc
III. Blood Donors
IV. Non- Members

B. Functional Requirements

➢ Administrator should have access to all details of blood donors
➢ Blood Banks , hospitals etc could browse for blood donors in their nearby area and also the search result should provide only those donors who have not donated blood in last 3 months

➢ Blood donors should be asked to give feedback of the health report of donors (on basis of their blood taken), for future consideration after the blood donation is being made by donor.
➢ No user could access any details of donors without being a member of website. Only hospitals, blood banks etc should be able to see the contact details of donors .
➢ Blood donor should be allowed to see only the name and region they live in. Also if they need to ask another blood donor for any blood donation help it should be through admin and proper reason for which there should be a form to be filled by donor.

II. WORKING

A. Blood Bank Website

Welcome to YCCE Social Blood Bank Service.

Snapshot 1:
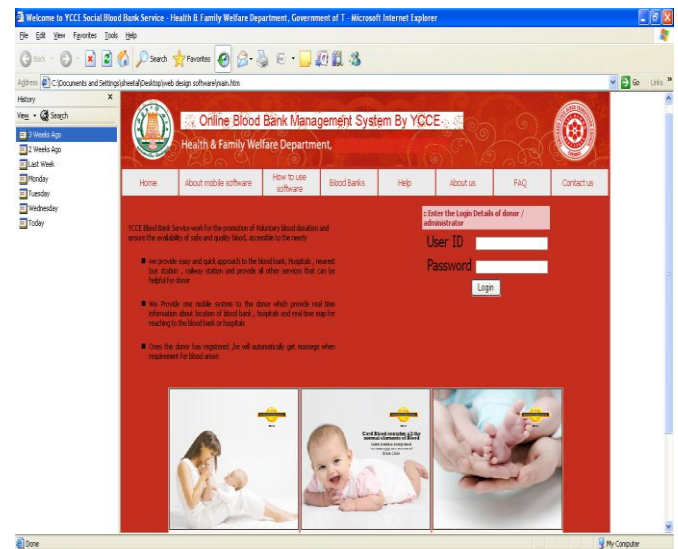
B. User Login Activity

User is made to enter the username and password, then entered values are verified. If it is a valid username and password, then the user is logged in, or else they are asked to reenter the correct values.

C. Privileged User Login Activity

Privileged User such as Administrator is made to enter the username and password. Entered values are verified.
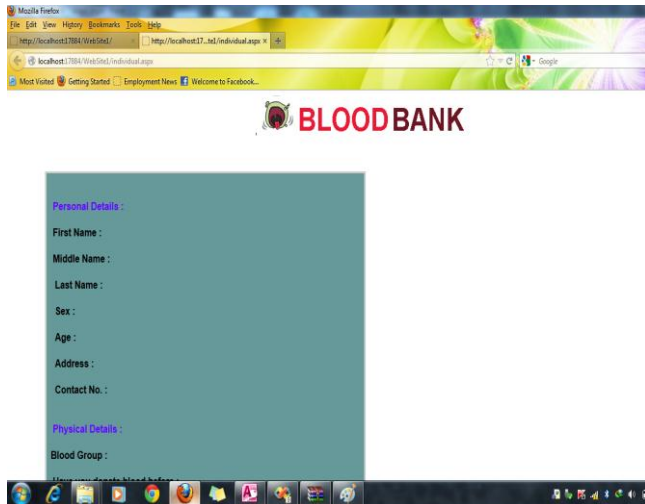
If it is a valid username and password, then the user is logged in and assigned the respective privileges, or else they are asked to retry by entering the correct values.

D. Fill the details of donor

This form will allow user to fill the required details.

Snapshot 2:

E. ANTI GPS mobile system

ANTI GPS mobile software is available to the user (administrator or donor) by just installing it into any mobile system having INTERNET facility.

F. Working of ANTI GPS mobile system

Run the software in mobile system, You will get location service form.
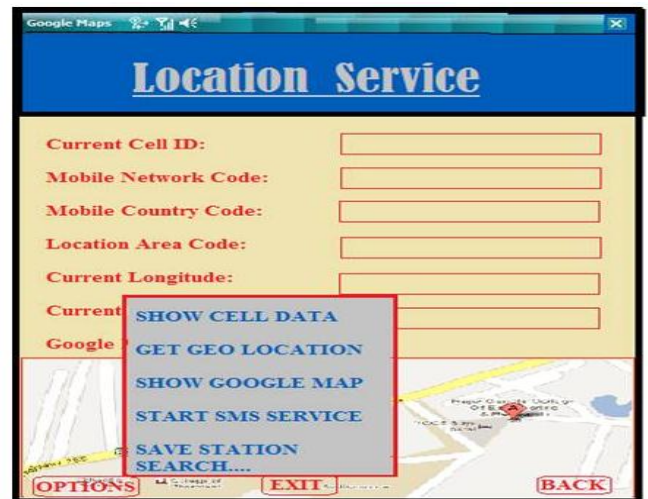
Snapshot 3:

G. Location service

Location service contains current cell id, mobile network code, mobile country code and based on this information the current longitude and latitude is calculated. Option field shows various options.
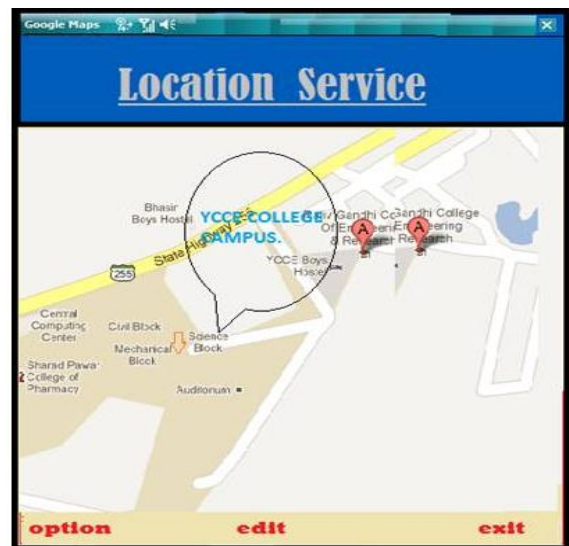
Show cell data: Show the cell data mnc, mcc etc.

Get geo location: Used to find the latitude and longitude.

Show Google map: Show the location on Google Map.

Snapshot4:

Snapshot 5:

H. Output of Show Google Map

This map is showing the current location of user on Google map.

III.   CONCLUSION AND FUTURE WORK

Users can navigate the current location without GPS system on ANDROID platform. Users can navigate the current loacation without GPS system on GSM platform. Users can tracking the location of another users. Users can maintain the restriction and monitoring on listed members.

Bridge the gap between current user's location and nearest blood bank.

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