

Application of blood donation

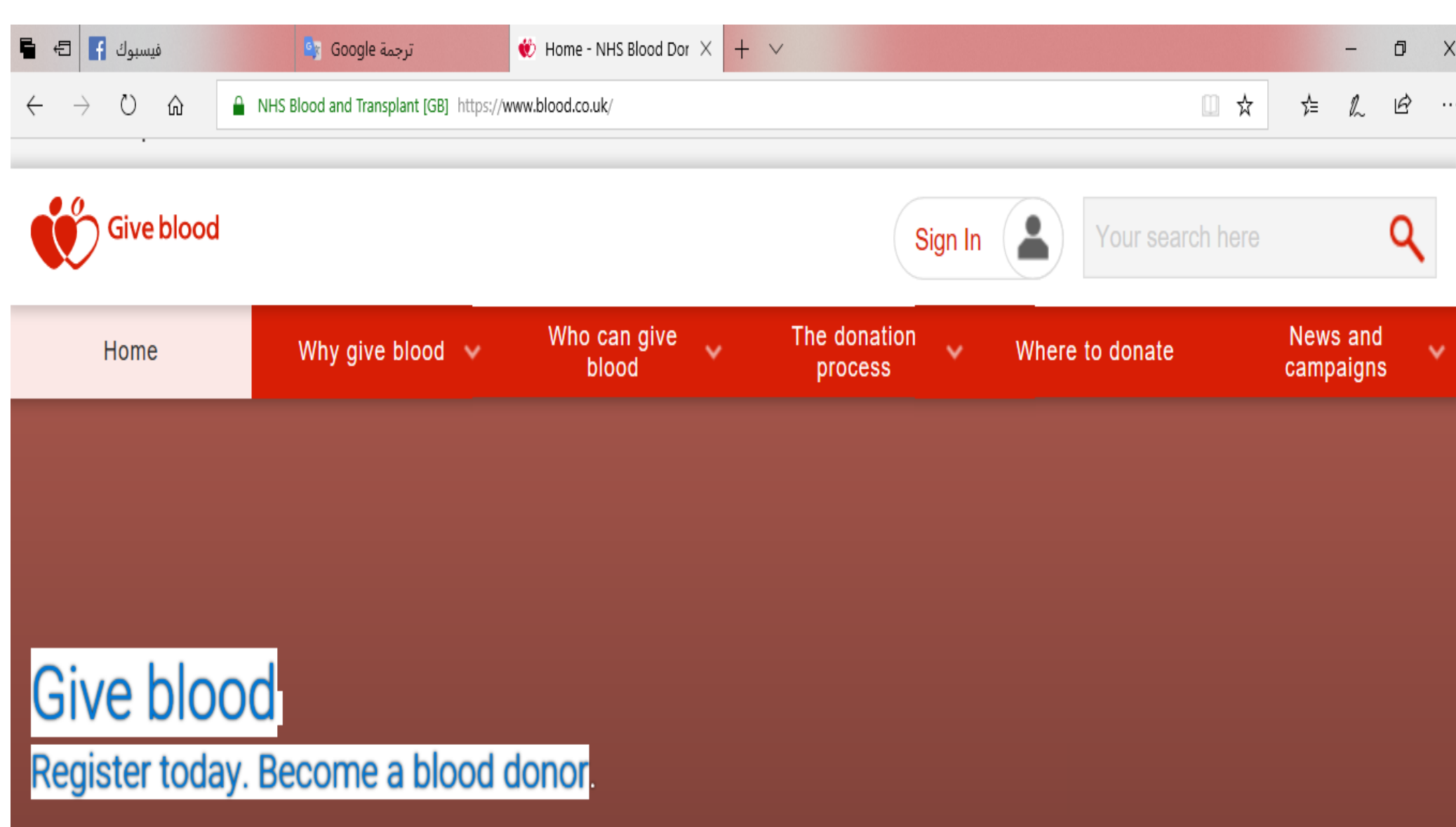


قطرة دم = حياة إنسان

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Introduction

Blood Donation application on Android system, which is a merge between the Website and the application on the mobile phone. The project aims to communicate through the presentation of the figure for the donor and is an online database and no on-site communication mechanism and donate by sending text messages to the site and make an appointment to make a blood donation. There's no doubt that donating blood can do a lot of good: Donating just one pint of blood can save more than one person's life

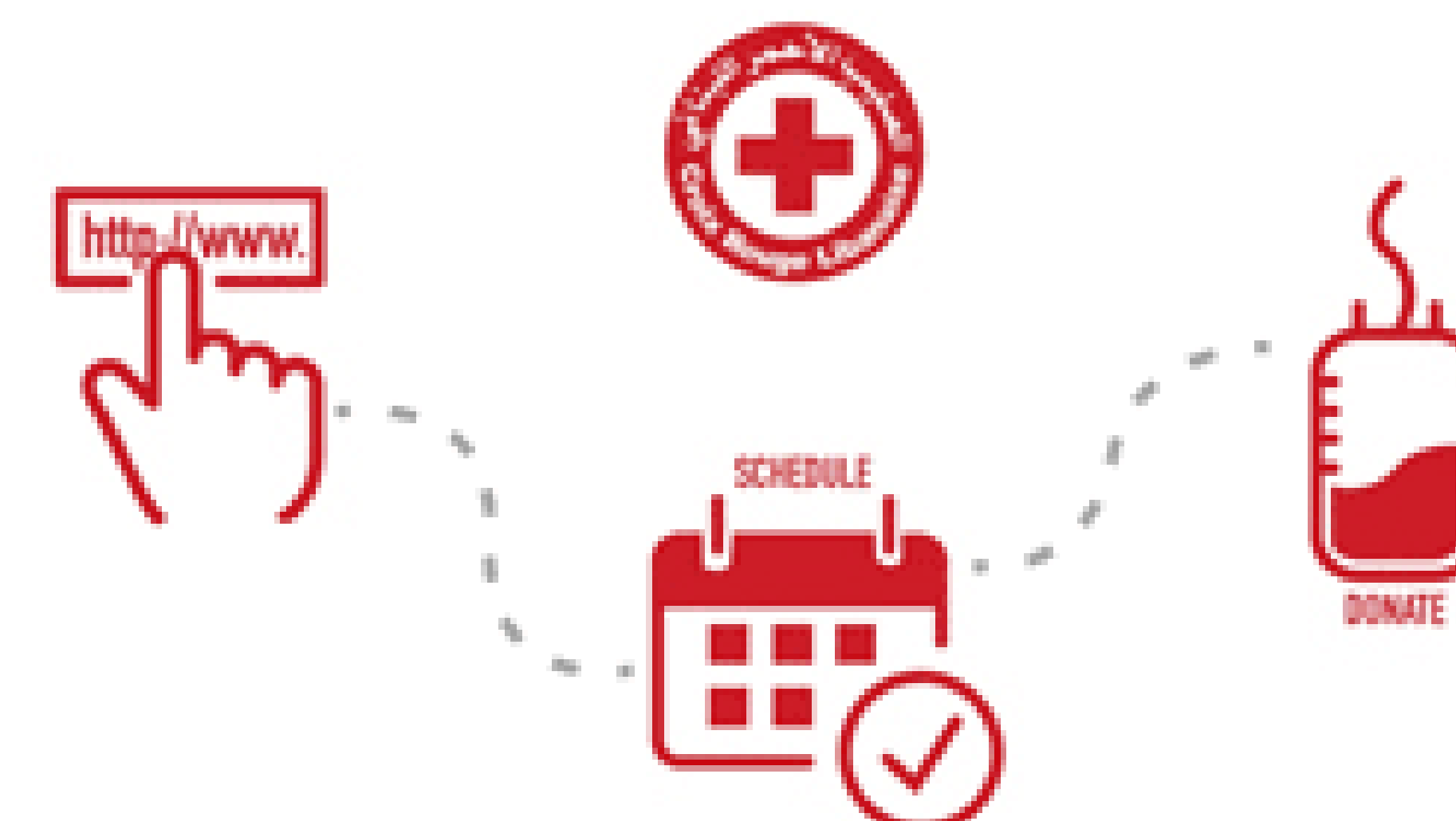


Methodology

the Electronic system for blood Donation, which are connected to a database of donors, and then it is communicating with these donors in the case of a lack of certain species through the application or mobile short messaging. Service based on two criteria: first, the platoon type of course, second, nearness the platoon's owner from the hospital Add your information, graphs and images to this section. An application that can be downloaded for free on a cell phone helps to establish the link between a person who needs blood and a person who can donate blood, which saves the trouble of looking for a blood donor. The application is free and respects personal confidentiality.

For example, a person receives a "notification" warning that a person in an area or in a particular hospital needs blood of a specific category, and the person must choose with full freedom whether or not he likes to donate blood. With the indication that the person receives a warning only if the need for blood of the same category, the person in the category of "B +" receives a warning in case of need for the blood category "B +". If the participant donates blood, he does not receive any warning about the blood request for two months. A person can not donate blood again until two months have elapsed.

App puts the power to save lives in the palm of your hand. Donating blood and platelets is easier than ever. Find nearby Red Cross blood drives, schedule appointments, earn rewards from premier retailers, follow your blood's journey from donation through delivery (when possible), and create or join a lifesaving team and track its impact on a national leaderboard



Results

- This poster has shown screenshots for the BLOODR application of different types of users including requesters, donors, and administrators. Various features have been described and their needs of use have been analyzed. If a patient needs a blood at a clinic, blood donors in vicinity can be contacted through using the suggested automatic services. Registered donors will get notification for blood requests only if their blood group is compatible with the requested blood type in the same or close region.

Conclusion

The suggested system will contribute to provide an ease of work speed communication to enhance blood donations. It will be established as a reliable platform to contact with local blood donors. Applying very robust and flexible services will provide huge benefits to manage the blood donation processes at any critical need



Reference

<https://www.healthline.com/health/disadvantages-blood-donation>
.w