

See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/362883530>

# Blood Donor Finder: A Location-Based Android Application with Web Portal Using ASP.NET

Poster · March 2019

DOI: 10.13140/RG.2.2.26526.20805

---

CITATIONS

0

READS

20

2 authors, including:

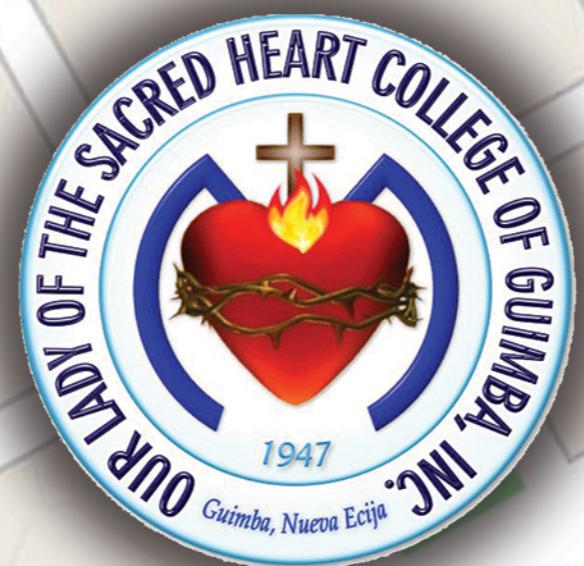


[Cris Norman Olipas](#)

Nueva Ecija University of Science and Technology

48 PUBLICATIONS 87 CITATIONS

[SEE PROFILE](#)



# Our Lady of the Sacred Heart College of Guimba, Inc.

Afan Salvador St., Saint John, Guimba, Nueva Ecija



## BLOOD DONOR FINDER:

A Location-Based Android Application with Web Portal using ASP.Net

### RESULTS

### INTRODUCTION

As the world continuously progresses, and technology constantly evolves, many serious challenges and problems emerge. In this modern time, looking for blood donors is still one of the serious problems being faced by many, especially those who possess unique and rare blood types that only few can provide. This project attempts to develop a Blood Donor Finder Application using Android and Web Portal utilizing ASP.NET.

### METHODOLOGY

Spiral model was used in this study in developing the application.



#### Planning

#### Identification

#### Build

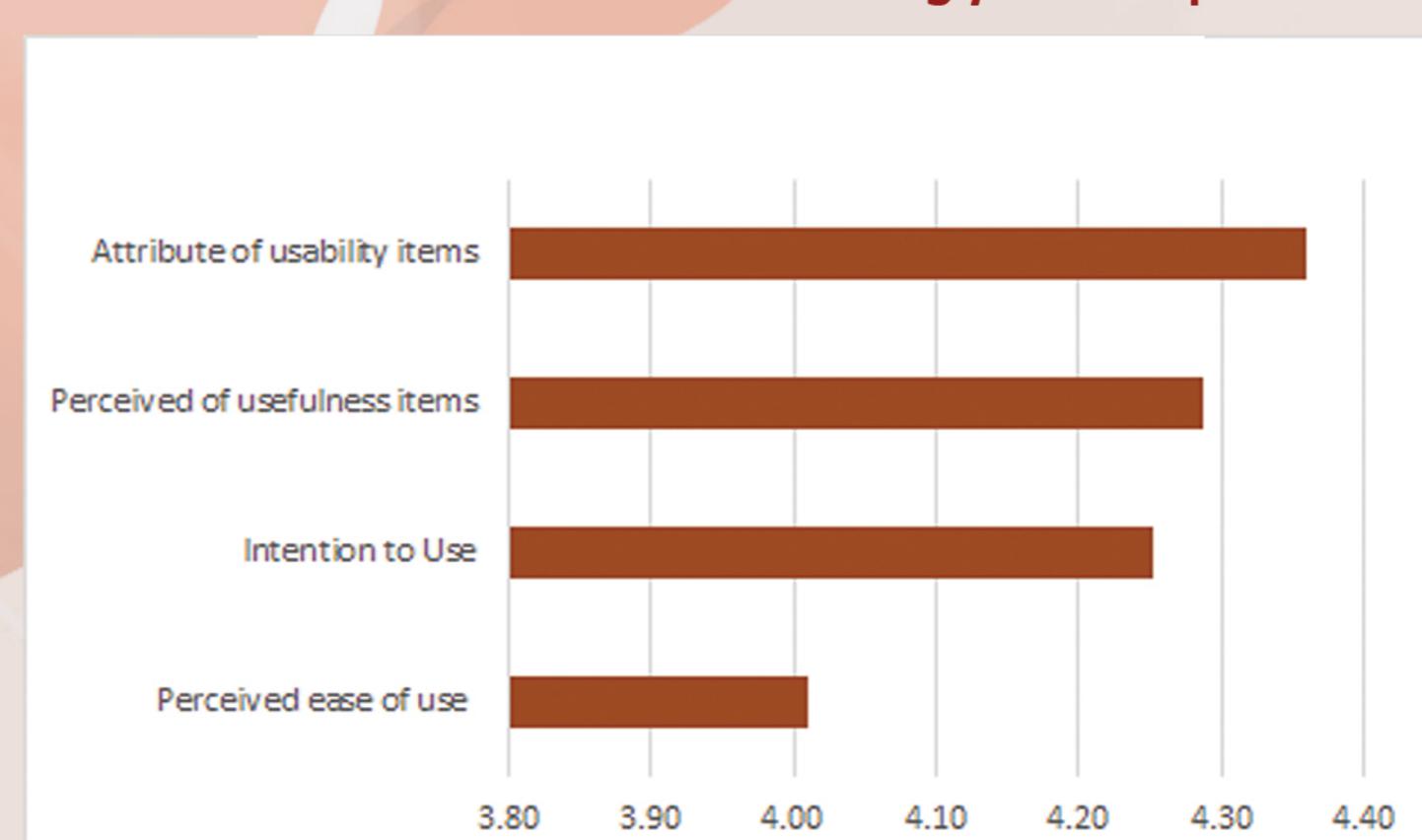
#### Evaluation and Risk Analysis

The respondents of this study were selected IT professionals, IT students and intended End-users.

Table 1: Assessment of IT Professionals and Students based on ISO 9241 and ISO 25062 standards



Table 2: Assessment of End-users based on selected constructs of Technology Acceptance Model.



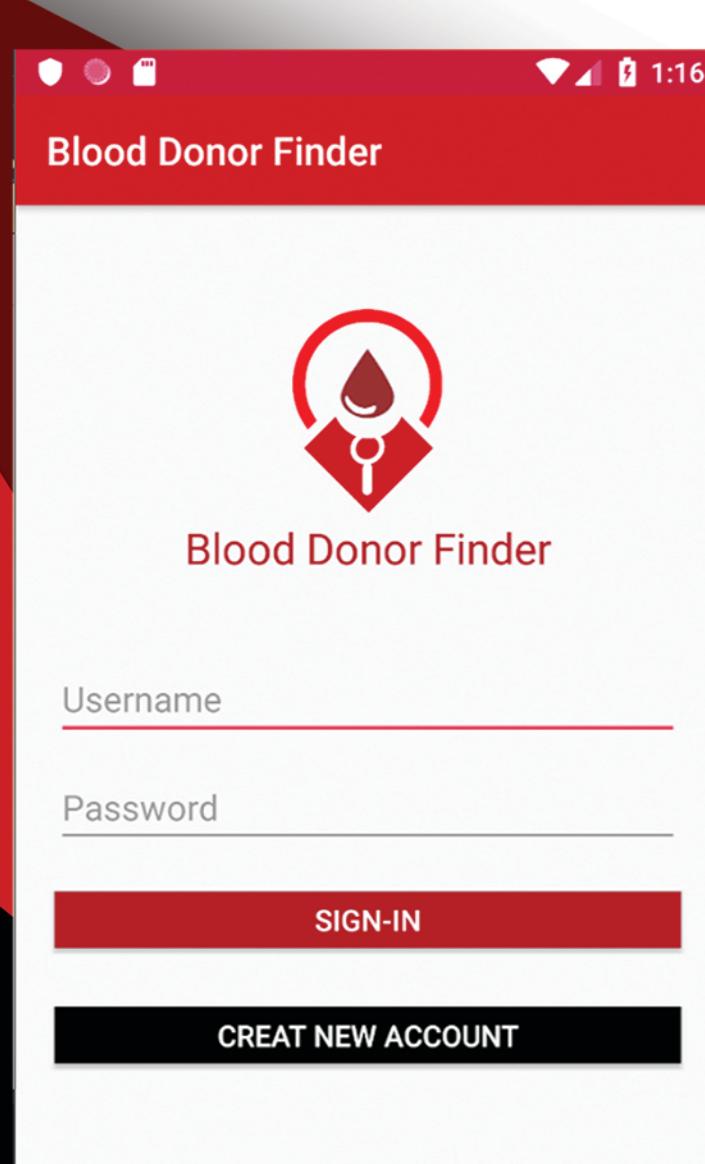
### CONCLUSION

The Blood Donor Finder: A location-based Android Application with Web Portal using ASP.Net underwent the phases of Spiral Model with the following stages: Planning, Identification, Build, Evaluation and Risk Analysis.

Selected IT Professionals and Students assessed the technicality based on the ISO 9241 and ISO 25062 standards: Usability, Effectiveness, Accessibility, and Assistive technology.

On the other hand the end-users assessed the application using the selected constructs of the Technology Acceptance Model: Attributes of usability items, Perceived of usefulness items, intention to use, Perceived ease of use.

Over all, the Blood Donor Finder application passed the assessment made, and was proven beneficial.



**ELIZOR M. VILLANUEVA**

Researcher

Developed Using: ASP.NET C# MySQL C/C++

**CRIS NORMAN P. OLIPAS, MSIT**

Adviser