# Prospects of information system project for organizing volunteering activities

Solomiia Dutkevych<sup>1</sup>, Vasyl Lytvyn<sup>2</sup>

- 1. Department of Information Systems and Networks, Lviv Polytechnic National University, Ukraine, Lviv, Bandery str., E-mail: solika96@gmail.com
- 2. Department of Information Systems and Networks, Lviv Polytechnic National University, Ukraine, Lviv, Bandery str., E-mail: Vasyl.V.Lytvyn@lpnu.ua

Abstract - The paper deals with the main prospects of information system project for organizing volunteering activities. The increase of European values in Ukraine and the processes of democratization as the achievement of the Revolution of Dignity lead to a significant growth of the role of volunteer activity in society. Besides, there is a big popularity of creating mobile applications. This article includes the development of an information system accompanying the process of carrying out project for organizing volunteering activities, based on the current Internet resources analysis and test system design.

Keywords - conference, conference proceedings, paper layout, prospects, volunteering, project, information system, computer technologies, mobile application.

#### Introduction

To begin with, the rapid development of computer technologies allowed the creation of mobile applications that are necessary for the organization of work with electronic information (creation of an event, change, search, storage), as well as an interaction between volunteers is possible: sharing responsibilities, issuing tasks (instructions, orders) and control over them. Therefore, such a project of the information system is necessary for the implementation of a comprehensive automated management system and organization of volunteering activities.

### The aim

The main objective of creating an information system is to establish a convenient communication between the volunteers and *volunteer organizers*. Managing volunteers is no small task, but with a little effort on your part, you can develop a volunteer program that's effective, engaging, and exceptionally fulfilling for everyone involved. [1]

## Necessity to create a project for organizing volunteering activities

Due to the fact that the information and its automated processing, remains an important factor in <u>improvement of the effectiveness</u> of human activities, therefore, this IT-startup should be very useful.

Nowadays, there are many events in which you can take part in volunteering. But, unfortunately, a small percentage of people are aware of events occurring in a city or country. The creation of such an information system will increase the number of volunteers. The target audience will be everyone who is interested: students, event organizers, ordinary people who want to help.

There is a necessity to develop a system that helped to engage in volunteering not only persistent volunteers with vast experience but also newcomers in this field who only want to start their own volunteering path, showing them that volunteering is simply enough. The event organizer can publish on the platform a specific event and volunteers may take part in appropriate event.

In order to write a volunteer application that works, a full volunteer application form should be one of the first steps in your volunteer recruitment process. For a successful volunteer application that works, must be forms, which will have the following components: contact information, including an email address; birth date and social security number; emergency contact; the relationship of the contact, address and phone; previous work or volunteer experience; the highest education level reached; language's spoken; physical restrictions, current employer, other organizations where the applicant has volunteered; description of training or experience that may be relevant to the volunteer position desired; statement of and description of prior criminal convictions or offenses, certificates such as First Aid with dates of certification and expiration dates; valid driver license; references; skills check list (list of skills needed in the organization's volunteer positions such as computer, tutoring, clerical skills, phone calls, teaching, supervision, etc; preferred volunteer areas (list of regular volunteer jobs that the applicant can check if interested); reason for volunteering; signature; of the applicant and date of signature. [2] On the whole, volunteering is an important event that should consider a number of important elements.

### **Conclusions**

Finally, the main advantages of software use for organizing volunteering activities: increasing interest, reducing time for an organization, access to information from anywhere in the world, information about volunteers, searching volunteers, and events.

The Volunteer Management software can engage their volunteers through a volunteer portal, where they can manage their personal information and to search as well as to apply for volunteering, meanwhile, it will be simply and interactive. The availability of automatic notifications significantly reduces the administration time, which is needed to communicate and correct any changes that occur. And the opportunity to monitor the development of volunteering in a city or country and obtained information about the activity of citizens of the city is the greatest necessity for organizing volunteering activities.

As volunteering keeps you in constant contact with others, it can also help you develop a strong resting base. Volunteering can also help restore mental health by helping you protect yourself from stress and depression.

In conclusion, I can say that nowadays there is an urgent necessity to develop an application for volunteering activities using the latest information technology methods.

### References

- [1] A. Devita. "Volunteer Management: 5 Keys to Total Volunteer Success". *Volunteer Management 101*, August 2017.
- [2] J. Fritz "How to Write a Volunteer Application That Works". *The Balance Small Business*, June 2018.