

## **ABSTRACT**

### ***DESIGN OF BLOOD DONATION MANAGEMENT APPLICATION DASHBOARD MODULE WEB BASED USING SCRUM METHOD ON STARTUP E-VAMPIRE***

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According to the World Health Organization, ideally the availability of blood for donor is 2% of the total population of a country. In Indonesia alone, according to the Ministry of health of the Republic of Indonesia in the year 2016, the amount of blood collected from donors as much as blood bags 4,600,000. So nationally there is a shortage of blood needs a number of blood bags 574,100. That is because the lack of Community interest still in donating blood ... In helping to raise awareness of the interest of the community to donate blood, presence application that can help the community in getting information from whom the blood, getting education regarding blood donation as well as the nearest place searching for the required emergency blood E-Vampire be a solution. In the design of the application E-Vampire of course Admins need information related user data as well as a stock of blood and the location, the admin dashboard page will help in organizing the data user and patient needs blood. The design dashboard website is supported by the working of scrum. Scrum is a method that has a framework that contains the product backlog are divided into sprint backlog with a division of tasks that are done in a sprint which each daily sprintnya carried out for two to four weeks. The results of this research in the form of applications that assist the community in finding information about blood, blood donation and blood stock, giving education in order to increase interest and helped search emergency blood.

*Keywords: Dashboard, Scrum, Blood Donation.*