



CHECKING P3K, APAR AND PPE AT PT. PLN ULP SELATPANJANG BASED ON ANDROID

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Abstract

In the world of work, especially in the corporate world, where technology plays a big role for companies to help solve various kinds of problems. Occupational safety and health is an absolute must for workers. As well as pad PT. PLN (Persero) Selat panjang, which is a company that operates in the field of power generation with a large working capacity, should ensure that the safety and health of service workers. At this time the office of PT. PLN (Persero) Selat Panjang in checking K3 equipment, checking is done by recording on paper, so that the data taken has not been stored electronically, therefore in order to store date for checking K3 equipment (P3K, Apar and PPE) electronically, the authors design an application K3 equipment to make it easier for officers to check and provide online information on the availability and availability of K3 in the company PT. PLN Selatpanjang.

Keywords: Digital Entrepreneur, Cooperative Learning, Waterfall, UML, PHP.

INTRODUCTION

Government and private agencies always have K3 facilities (P3K, Apar and PPE) which are useful for protecting the safety of workers, especially at PT. PLN (Persero) Selatpanjang Occupational safety and health (K3) at PT. PLN (Persero) Selatpanjang is highly prioritized and must be provided which is useful for protecting and maintaining the work safety of employees of PT. PLN is because at this time it is still often neglected. This is indicated by the high number of work accidents in the company. PT. PLN (Persero) Selatpanjang always prioritizes occupational health and safety, because it is a very important point for the safety of

workers in the electric power sector. Employees are an important asset of the company and workers must receive occupational safety and health guarantees. As is the case with PT. PLN (Persero) Selat Panjang which is a company engaged in the field of power generation with a large work capacity, it is fitting that the Occupational Health and Safety of workers take priority.

PT. PLN Persero's administrative services are tasked with providing services to customers, namely adding power, new connections and also repairing and replacing damaged meters. Currently in the office of PT. PLN (Persero) Selat Panjang, especially the PJK3L (Environmental Occupational Safety and

Health Service Company) section in checking K3 equipment is required to check every month, but the checks carried out still use recording media on paper, and do not yet have an electronic-based system. Checking Occupational Safety and Health (K3) equipment consisting of (P3K, Apar and PPE) is not application-based and electronic data storage, making it difficult for officers to collect complete information about K3.

METHOD

This study uses survey research. Survey research is an information gathering technique that is carried out by compiling a list of questions posed to respondents in the form of a sample of a population. In survey research, researchers examine the characteristics or causal relationships between variables without the intervention of researchers because the required research method is data collection. This data collection contains the availability of K3 equipment at the company office.

RESULT

This checking application is used for occupational safety and health inspection officers, where this application will be requested by the head of PJK3L and held by him, the chief PJK3L officer himself will carry out the inspection and only the chief officer knows who I will use later. This application has various menus, namely the home menu and profile menu. In the Home section there is a First Aid, Apar and PPE menu, in the First Aid section there is a View to see the input data and an add button to input it and also in the Apar and PPE section the same as in the First Aid section. In the profile menu itself there is a login username and a button to logout.

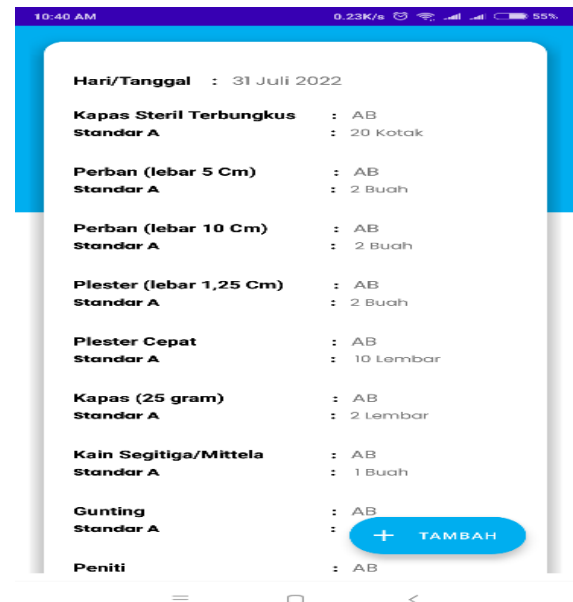


Figure 1. First aid view

The first aid menu display will display the View view where this view is used to read data stored in the database to be displayed in the first aid view menu, and there is also an add button that is used to enter the add menu to add first aid data to the database.

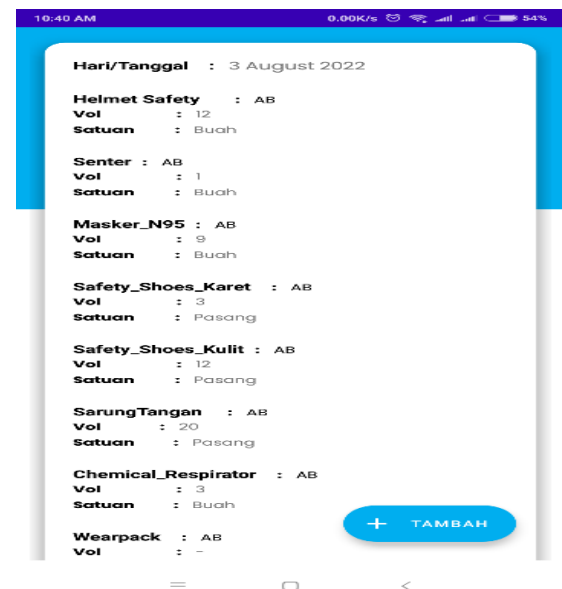


Figure 2. View PPE

The PPE view menu is the same as the P3K view menu, to display PPE data that has been stored in the database and there is an add button to enter the add PPE menu.

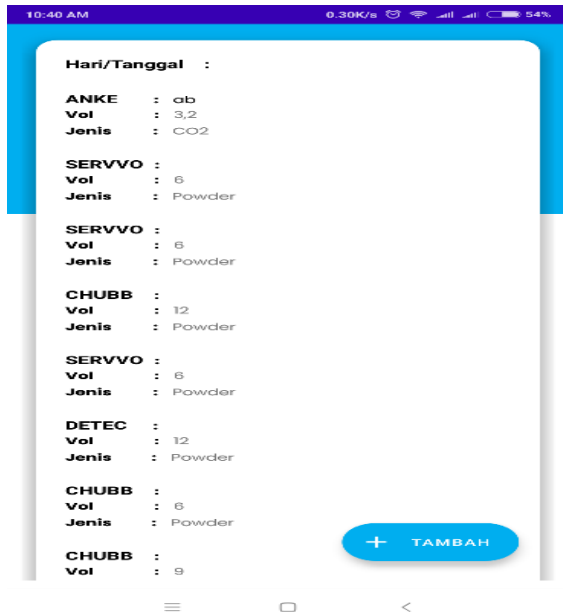


Figure 4. View Apar

The apar view menu is the same as before for reading the results stored in the database and displayed in the apar view menu and the add button to enter the add apar menu.

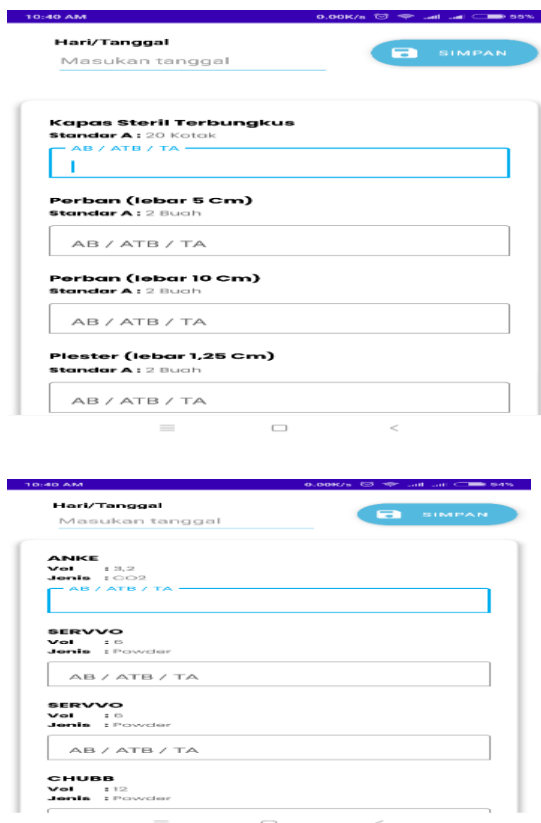


Figure 4. Add First Aid, PPE and Apar

The first aid, PPE and Apar added menus are used to add data and it is stored in the database and the save button is used to save the data.

CONCLUSION

With the P3K checking application, Apar and PPE it will make it easier to carry out inspections and the availability of Occupational Safety and Health equipment in PT. PLN Selatpanjang and produce an Android-based Occupational Safety and Health equipment inspection application.

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