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Safe and sound: the latest user-friendly application to address the poor data on occupational diseases and work performance across companies in Indonesia

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Occupational diseases are the occupational health problem that receives serious concern in every industry sector, particularly in developing countries. However, in Indonesia, the lack of attention to health as well as the weakness of its prevention system make the occupational diseases often become a neglected problem. As a result, the data on health, work performance, and work-related diseases in the company became very minimal and improper to serve as a source of information. To improve it, safe and sound comes as a local network-based application that is user-friendly to record the health and work performance as measured by certain aspects. Each worker can access the safe and sound account using a personal access card to input daily health and performance records that include mental health conditions, physical conditions after work, and other forms of complaints. This database will be assessed each month to summarize the performance of workers in a graphic form and to categorize the workers into the vulnerable groups based on medical history and daily health reports. Also, it will shape the mindset of the company to promote the prevention system of occupational disease to improve the quality of working life (QWL). In the future, the amount of data on occupational diseases and work performance in developing countries such as Indonesia will increase and the collection process will improve, so that they will be able to overcome the complexity of occupational health problems. Other features such as online book the medical examination and mailing list will be available to ensure employee engage in every formulation of the program and decision-making process in the company. The secrecy of this database is highly secured and will only be accessible to the worker as well as the occupational health and safety practitioner that is responsible for the program.

Biography

Aldila F Zulfah is a Master candidate of Occupational Health at the University of Birmingham. She and her friend Fiqhi R Dengo are currently building a first non-governmental organization in Indonesia focusing on public health that is based on the principle of health and safety. Also, they are currently focused on publishing some of their scientific work in some conferences that have a theme of health and safety.

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