

ABSTRACT

Indoor air pollution is a problem that is most often overlooked in our daily life, even though air pollution is a health threat that is most difficult to avoid. Many people take active actions to deal with outdoor air pollution by using masks when commuting especially when riding a motorcycle, but there is a lack of awareness and active action taken to deal with indoor air pollution, therefore knowing what air pollution within the living space and knowing how to handle it is very important to maintain a healthy living. For this reason, there is a need for a mobile application that's able to inform people ways to handle indoor air pollution depending on the air conditions in their living space. In this design study, the author collects its data in the city of Bogor by using qualitative data collecting methods and using SWOT analysis method (Strength, Weakness, Opportunity, Threat) to process the collected data. The results of this design are assumed to increase public awareness about what is indoor air pollution and its health impacts, its importance, and understanding how to handle air pollutants that can be easily done according to the air quality within each living space.

Keywords: *Air Pollution, Application, Living Space, Bogor.*