

ABSTRACT

Indonesia is currently in an emergency by natural disasters, one of which is an earthquake. The earthquake that occurred in Lombok was one of the largest earthquakes. The damage and losses caused by the earthquake are very many. The large number of victims caused by the earthquake caused the victims to be evacuated to safer places. The process of evacuating victims from the location of the earthquake disaster to a safer place or to the disaster victims' post requires a means of evacuation equipment, namely a stretcher. Generally, to open a stretcher takes a short time when the evacuation process takes place, so the author designed this stretcher based on a visual and system perspective. The appropriate stretcher design is a stretcher design that can evacuate the victim appropriately, quickly and accurately, it does not need to require a short time when the stretcher is opened or used, because the evacuation process for the victim must be carried out as soon as possible so that the victim can be taken immediately to the medical to be treated.

Keywords : *Earthquake, Stretcher, Portable, Victim Evacuation Process, Visual, System*