

ABSTRACT

The Social Rehabilitation Center for People with Blind Sensory Disabilities (BRSPDSN) Wytapura provides barista training for people with low vision, in this training there are several difficulties, one of which is low vision when weighing or knowing the amount of weight or mass of an object, when low vision wants to know the amount of weight they must look at the information screen or LCD very closely, because the current product scales are directed to alert or normal people, so that the activity of weighing is mostly done by alert people. The research approach used is the ergonomics approach by prioritizing the effectiveness, safety and comfort of the user. The design method used is SCAMPER including substitute, combine, adapt, and reverse with a focus on aspects of the work system. The results of this design To facilitate the low vision that is needed a redesign of a digital weighing product so that it can help and facilitate low vision in carrying out weighing activities. Weighing products are designed to help people with low vision in weighing activities by maximizing the sense of hearing and touch so that low vision can know the weight or mass of objects without the need for help from others.

Keywords: Low vision, ergonomics, sound output