

ABSTRACT

The barista training program is one of the social rehabilitation programs for the visually impaired in Wyata Guna Social Rehabilitation Center. Problems found during training activities, baristas with low vision have difficulty in measuring liquid ingredients for making coffee drinks, such as body position that is too bent and detecting the liquid ingredients that is poured using a finger therefore affects the accuracy and hygiene of the poured liquid ingredients. The researcher uses empathic design approach that focused on understanding user's needs by placing the designers in the position of potential users. The design method used is the SCAMPER (Combine, Adapt, Modify) method that focuses on aspects of the product work system by maximizing the sense of hearing and touch of the low vision barista. The solution obtained is in the form of a redesign concept of liquid measuring products using a sound system derived from a bell that is sounded by the movement of a buoy that rises because the pouring activity of the liquid ingredients. Products that are designed can help barista who have low vision to be able to measure accurately and maintain the hygiene of the liquid ingredients.

Key words: Barista, low vision, measurement.