

Tirtual Tailor Body Measuring System – Survey Study of Calculating Interest about Consumers.

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Abstract. Measuring Systems for clothes size have to be updated from time to time. Clothes should be designed to tailor well, fit the body elegantly, and hide obvious body flaws. To attain this goal, it is crucial to know the interrelationships between different body measurements. The clothing industry currently changing the manual tailoring sector to automate the tailoring sector. Complications with garment sizing and poor fit inconvenience many consumers who become dissatisfied with such provision on the high street. It is evident that human measurement and classification of the human body based on size and shape are precedent to accurate clothing fit and therefore fundamental to production and consumption. The comfort and impact performance of clothing are typically subjectively measured, and this is a multifactorial and dynamic process. This study aims. to develop the human body measurement without any direct contact using image technique to decrease the time of measurement, to increase the accuracy of measurement, and to compare between manual measurement and image technique measurement for human body measurement. With the advancement in technology, automated 3D body scanning, Avatar base body scanning, Online Store body measuring Systems designed to capture the shape and size of a human body in seconds and further produce its true-to-scale. Some Systems are standardized by international organizations. But in Sri Lanka, as a developing country people do not pay much attention to the new technologies regarding the clothing industry. This research focus to suggest the advantages and importance of having a virtual tailor body measuring system.

Keywords: *3D Body Scanning, Avatar Base Body Scanning, Online Store Body Measuring Systems*