ABSTRACT

Almost everyone has a close relationship with glasses—especially students wear near-sighted glasses in school when studying; the young people use sunglasses in outdoor; the elders need presbyopia glasses in their daily life. Due to the influence of modern fashion, the point of view about glasses' functions has been changed in the users. It becomes not just a tool for improving eyesight, but also becomes a decorative piece on the face. Glasses are not only show fashion but also bring up people's status. As a result, the quantity and quality of glasses are increasing. The research and development in glasses has just begun in these last twenty years. In this country, the industry of most glasses are imported from other countries, so the design and manufacture of glasses are still dependent on foreigners. Therefore, it leads the glasses are uncomfortable, improper, and bad looking when people wear them. Therefore, the purpose of this study is to find out the difference and relationship between the situation of using glasses and the needs of wearing glasses according to the users' different backgrounds. The methodology of study uses a questionnaire for survey to collect data from users' and experts' opinions in glasses shops and public places by Quota sampling. After data collected, the statistical package SPSS is used in the study includes Frequency distribution, Chi-square, T-test, One-Way ANOVA, and Factor analysis. The result of study shows the difference between the situation of using glasses and the need of wearing glasses because of the users' different backgrounds. The result and conclusion of this study can be applied to glasses design as an important reference and guidance. After all, the glasses will be suitable to the users indeed, and also fulfill the purpose of the study.

Keywords: user; background; situation; need; glasses design