## World Academy of Science, Engineering and Technology International Journal of Biomedical and Biological Engineering Vol:15, No:10, 2021

## Design and Implementation of Remote Control Application for Elderly People Who Live Alone

Authors: Cristina Nieves Perdomo Delgado

**Abstract:** The study consists of the design and use of an application for cell phones called "Me Cuido" that consists of remote control of elderly people who live alone with their families. The objective of the study is to analyze the usability of the application by 40-year-olds using the Questionnaire for User Interaction Satisfaction (QUIS) method. The results highlight that the application has a design adapted to the elderly and that it is easy to use and understand.

Keywords: design, assistive technology, elderly people, independence

Conference Title: ICATS 2021: International Conference on Assistive Technology Systems

**Conference Location :** Los Angeles, United States

Conference Dates: October 28-29, 2021