ABSTRACT

Smoking is a bad habit that has become the main cause of various diseases. There needs to be an effort to stop the smoking habit. One of the efforts that has been made is to use a mobile application for smoking cessation practiced by Abdul Karim in Saudi Arabia, which has been proven to be able to encourage and motivate users to quit smoking. However, the results of this research cannot be used in Indonesia because demographic differences will result in different perceptions of the user experience. As a result, the resulting user's level of motivation will be different, allowing the user to be unmotivated to quit smoking. Therefore, it is necessary to create a user experience model for smoking cessation applications that suits the demographic needs of Indonesia using a user-centered design method that focuses on the characteristics and needs of users. The results of the user experience (UX) model for smoking cessation applications were tested using the user experience questionnaire (UEQ) to measure the UX model created. Based on the results of the UEQ, the attractiveness, perspicuity, efficiency, dependability, stimulation, and novelty aspects were found to be in the excellent category. So that the UX model produced is in accordance with the user's need to maintain consistency in quitting smoking.

Keywords*: smoking cessation, user experience, user-centered design, user experience questionnaire*