ABSTRACT

As awareness of the importance of health increases, the need for health applications, especially for heart rate monitoring, continues to grow. Modern technology makes it possible to monitor heart rate via mobile devices without the need for special medical equipment. However, many applications fail to meet user expectations due to complex interface designs. Oemah Website, an application development company in Purwokerto, strives to create an accurate and user-friendly Heart Sync application. The aim of this practical work is to apply the knowledge gained during the studies in a real work environment and develop a user interface design for the heart rate measurement feature. This report is expected to make a positive contribution in developing applications that are comfortable and increase user trust. The data collection methods used include literature study and discussion. The literature study was carried out by analyzing various sources, such as journals and scientific papers, which are related to user interface design. Discussions were held with members of the KP team and supervisors on the Oemah Website to deepen understanding. Reporting work includes analyzing user needs to creating interface designs. Each feature, such as heart rate measurement, guide, and reminder, was developed collaboratively to ensure functional display elements. The conclusion shows that the interface design is in accordance with user specifications and needs. Suggestions for further development include layout refinement, user testing, and periodic evaluation of design.

Keyword: User Interface, Application, Healthy, Heart Rate