

## **ABSTRACT**

*In this digital era, technology is becoming increasingly important in the field of health, especially for monitoring heart rate. The demand for useful health applications continues to increase due to the ease of access through mobile devices. However, many existing apps have not met users' expectations due to complicated and difficult to understand interfaces. Oemah Website, an application development company in Purwokerto, saw an opportunity to create a Heart Sync application with a focus on an easy-to-use interface. The purpose of this practical work is to apply the knowledge gained during the study and design the user interface on the heart rate measurement history feature. This report is expected to provide benefits in creating an application that is easy to operate and increases user confidence. The methods used to collect data include literature studies and group discussions. Literature studies were conducted to analyze various sources related to interface design, while discussions were held with PKL team members and supervisors at Oemah Website. This report covers the analysis of user needs to the creation of the interface design, with a focus on the measurement history feature that helps users see the results of previous heart rate measurements. The results of this development show that the interface design has met user needs and also provides an opportunity for further development in the future to keep this application in line with technological developments.*

**Keywords:** *Application, Health, User Interface, Heart Rate*