

## Abstract

*The existence of cases of covid-19 requires employees to fill in attendance online. The presence of online presence makes it easier for workers to fill in their presence online using their respective smartphones. The West Sumatra Online Attendance Application is a form of implementation of the West Sumatra Provincial Regulations. West Sumatra Online Attendance Application, an application that is connected to a database that can control employee attendance in real time. The problems faced are the absence of shift schedule selection when filling attendance, display on the history list is wasteful of placement and difficulty when you want to apply for a shift change process for employees who have a shift work schedule. This research was conducted in order to produce an interface design (user interface) for the West Sumatra Online Attendance Application that is in accordance with the goals and needs of users using the Goal-Directed Design (GDD) method. The stages of the GDD process that were passed in this research were Research, Modeling, Requirements, Framework, Refinement, and Support. And doing the usability testing process using the System Usability Scale (SUS) obtained an average of 85 for usability testing. With the results obtained on average, it can be concluded that the interface design made is in accordance with the needs of employees as application users.*

**Keywords :** *Attendance online, real time, user interface, goal-directed design, usability, system usability scale.*