ABSTRACT

The development of information technology has progressed. The use of information technology varies. Some who utilize it are helped with the use of such information technology. Not only that, information that can be used is not always utilized properly, for example, Many people who each day have various activities and often forget with the activities that they have scheduled on their calendars or gadgets. Then often people do not pay attention to the weather, especially for people who are doing things out of the house. Sometimes people lazy and underestimate the weather forecast information found on television and newspapers. In the final project titled "Smart Mirror Development using Raspberry Pi based Smart Home Device" created information provider tools that can help people in their daily activities. This tool is a mirror that displays information. In this tool the user can view and add the agenda/event as desired. Users can also view the weather reports, Covid-19, room temperature and also the time. There is also a mini-message that helps remind the user to always be vigilant. After a long day of activity, users can entertain themselves using a mirror cast, which is a user can play songs. With the test results get a percentage of 73.75% of users agree that the Smart Mirror tool is suitable for people who are productive.

Keywords: *Information Technology*, *Smart Mirror*, *Smart Home Device*