

ABSTRACT

Now days, holding events such as seminars, training courses and similar events are very rapid. These kinds of events provide people activity that they need. In these events the presence of participants becomes an important point as the indicator of the success of the event and can becomes a reference for the next event like how many participants already join, how many males and female and how many participants who registered by absence during the event.

There are several ways to track the participant attendance, most common way is to check it manually in the attendance list that depends on the human capability. It starts from registration, attendance validation and data aggregation. This process we called manual process is relatively cheap because the required tools such as pen and paper are relatively easy to find. Another way is to utilize the system which requires specific tools and may relatively more expensive to operate but it offers the simplified ways to do the process by eliminating effort such as manual checking in attendance list.

The processes which are involved in the event are observed to get the business process. From this business process, the requirement for the system is gathered using Goal Oriented Requirement Engineering (GORE).

By developing Online Attendance Management System which focus on how the system utilize the QR Code and Android Smartphone, hopefully it can provide alternative way in the event registration, attendance validation and data aggregation process.

Keywords: QR Code, Online Attendance Management system, Android.