

ABSTRACT

Globalization has changed in various elements in the world, including the rapid growth in education area. In preparing the 2045 gold generation of Indonesia in the current era of globalization, the utilization of information and communication technology is needed. The occurrence of social changes and rapid technological developments are the main factors of shifting the role of parents. Parental involvement correlates strongly with the success of children's education, supports the child's academic achievement in higher education also on the child's emotional and social development. Thus, parents have an important role in the development of children at home and at school, so parents are required to conduct monitoring and guidance in every child development. Building the student monitoring system is expected to be a solution to help schools and parents to be more easily to conduct monitoring process for their children at school. Scrum methodology have been chosen as a research methodology. This method is chosen because it is support to complete the complex projects with innovative approaches and supports an excellent collaboration process for application development teams. With student participant and student potential module in the student monitoring system, it is expected that communication between school and parents can be communicated clearly, efficiently, accurately and can be monitored in real time. It is also expected can help the process of delivering invitations from the school to parents can be properly channeled so that parents can attend invitations or can provide clear confirmation regarding the presence of a guardian's substitute if the parents of students are unable to attend, support the process of monitoring the children both in terms of academic activities and non-academic activities as well as knowing their children potential in school. The implementation of this application is expected can assist in supporting the better growth of education in Indonesia.

Keywords: *student monitoring system, scrum.*