ABSTRACT

The current education situation in Indonesia often occurs various problems in schools that have resulted in decreased a student achievement. In order to achieve a satisfactory learning achievement, it is required a good learning process. Parents have a very important role in influencing the learning process of children in the social environment. Thus, parents have a very important role to the development of children, so parents are required to conduct monitoring and guidance in every child development. The usual difficulty faced by parents for monitoring process or give the guidance is parents are too busy with the demands of their daily work, so it is difficult to give a balance time between their work and their family. This research is about how to help parents to get more easily in monitoring their children's school activity and give a right guidence to improve student achievement. The application development framework that used in this study is Scrum methodology. This methodhology is chosen because it is able to complete a complex projects with innovative approach. The results from this study is a student monitoring system for the student report module that provides information about children's attendance, grades, student progress, agendas, and other school activities that can be accessed via mobile. In addition, parents also can conduct the consultation process and give the right confirmation for the school invitations. The study also produced an API that aims to help the communication of data between web and mobile applications, both in terms of retrieving data and store data in the database. These features is expected to be an appropriate solution for parents to get more easily in monitoring the children's school activity and it is expected to improve the student achievement.

Keywords: *student monitoring system, student report,* Scrum