ABSTRACT

Education in Indonesia is currently experiencing a shift in learning methods from face-to-face to online learning. This is due to the emergence of pandemic since 2019 three years ago. All learning activities are carried out online, including the implementation of special exams for the elementary school (SD) level. At the Elementary School (SD) level, the Mid-Semester Examination (UTS) and Final Semester Examination (UAS) are carried out using the google form which is less effective and can hinder the monitoring of students in terms of their development. From this problem, an online exam website project called Exam-Time using Reactjs technology as a frontend and Golang as backend was created that is able to serve the needs of teaching staff such as ease of making questions, final exam reports and also fast and accurate value calculations packaged in a friendly dashboard. user. Apart from that, from the student's perspective, it is also facilitated by a clean question page display and test scores that appear immediately when the exam is finished. Project Exam-Time has a mission to serve academic activities related to students' understanding tests to support more efficient and directed learning activities. This is proven by the success of this website being built and running smoothly and according to user expectations. It can be concluded that the use of reactjs technology as a frontend and golang as a backend can be implemented in the creation of an online exam website to facilitate teaching and learning activities.
Keywords: Reactjs, Golang, Website, Backend, Frontend