

ABSTRACT

The development of the Cyberquiz application aims to support game-based learning through a modern, interactive web platform. This project was carried out during an internship at PT Global Inovasi Siber Indonesia, with the main focus on front-end development using the Nuxt3 and Vuetify frameworks. The development process included interface design, integration with a REST API, and application testing. Tools used in the process included Visual Studio Code, Git, and web browsers for debugging and testing purposes. The main features developed include a user dashboard, quiz page, and quiz result history page. Nuxt3 was utilized for its ease in route management and server-side rendering, while Vuetify simplified the UI styling process with its ready-to-use components. The final outcome of this project is the Cyberquiz web application, which is capable of displaying quiz questions interactively and recording user results effectively. Based on testing results, the application functions as intended.

Keywords: front-end development, Nuxt3, Vuetify, cyberquiz, REST API, game-based learning