

Building a Biology practice test website using multiple-choice exam format.

Luu Thi Thu Hoai

Abstract: In the context of education where the use of technology to enhance teaching and learning effectiveness is increasingly necessary, this topic focuses on building a website system for biology practice tests based on the multiple-choice exam format. The objective of the topic is to create a digital platform that helps teachers easily manage tests and evaluate results for students, while also supporting students' revision through automatically generated random multiple-choice questions. The research method includes a combination of reviewing existing studies on educational web system architecture and implementing a practical application using front-end and back-end technologies. This topic is expected to contribute to the development of more effective online teaching methods, as well as provide students with a diverse and flexible learning resource.

Keywords: Educational website, multiple-choice testing, test management system, front-end technology, back-end technology