

## ABSTRAK

Pandemi COVID-19 di Indonesia berdampak pada diberlakukannya pembelajaran jarak jauh. Pola pembelajaran tersebut memiliki kelebihan dan kekurangan yang menyebabkan pembelajaran mandiri menjadi lebih dominan. Kemandirian dalam pembelajaran jarak jauh bukanlah hal yang mudah dilakukan karena mahasiswa terbiasa terhadap pola pembelajaran tatap muka. Untuk meningkatkan kemampuan belajar mandiri, dikembangkan sebuah *e-learning* yang dilengkapi *plugin Self-Regulated Learning* (SRL). Konsep SRL diimplementasikan sebagai alur proses belajar bertujuan untuk melatih kemandirian belajar mahasiswa. Pengembangan *plugin e-learning* dikembangkan berbasis *Moodle 3.9* dengan bahasa pemrograman PHP dan basis data MySQL. Proses pengembangan sistem menggunakan *Visual Studio Code* sebagai *Integrated Development Environment* (IDE).

Kata Kunci — *Plugin e-learning, Moodle 3.9, E-learning, Self-Regulated Learning*

## ABSTRACT

*The COVID-19 pandemic in Indonesia has had an impact on the implementation of distance learning. This learning pattern has advantages and disadvantages that cause self-learning to become more dominant. Self-learning in distance learning is difficult for students because they are accustomed to face-to-face learning patterns. The development of e-learning with a Self-Regulated Learning (SRL) plugin aims to improve self-learning skills. Implementation of the SRL concept as a learning process flows purpose to train students' self-learning skills. Development of e-learning plugins that have been developed based on Moodle 3.9 with the PHP programming language and MySQL database. The system development process uses Visual Studio Code as the Integrated Development Environment (IDE).*

*Keywords —E-learning plugin, Moodle 3.9, E-learning, Self-Regulated Learning*