



Current Research in Behavioral Sciences

Certificate of Reviewing

Awarded for 1 review in December 2021
presented to

RUSLI SIMAN

in recognition of the review contributed to the journal

The Editors of Current Research in Behavioral Sciences



Article Review Request of [18725] From CMC

1 pesan

Tsp Online System <admin@tspsubmission.com>
Kepada: "R.Rusli" <rusli.siman@unm.ac.id>

19 Maret 2021 pukul 22.23

CMC-Computers, Materials & Continua
ISSN: 1546-2226

Dear Dr. R.Rusli,

Based on your expertise, I would like to invite you to provide a review for the manuscript, "Student Engagement Prediction Using Machine Learning Algorithms: How to Keep Students Engaged in Online Learning?" which has been submitted to CMC-Computers, Materials & Continua to evaluate its suitability for publication. The abstract is available at the end of this message.

Please click the deep link below by 2021-03-21 to inform us whether you will undertake the review or not, as well as to access the submission and to record your review and comments.

If you accept this invitation we would appreciate receiving your comments before 2021-03-28. Please let us know if you will need more time.

Submission ID: 18725

Submission URL: <http://119.28.181.120:82/review/34BCA396D7405907DEC52E8D9A61D407F9CA3B19DEA7DAEC339942C24316A363151340D6C1841BF9EC09B3F1B99F29D46DE83BBB725979D89809BAA5D7876BEE108B4DF1698A7858EB340A07C55CC2D1481E78B705503B9395848EC3044B2D0C2B12F70428E328F66F8756F8808165A16798CE3DEA0EADB26E8B0304D808C7BD/18725>

If you are not able to review this manuscript, we kindly ask you to click on the above link to decline the request so that we can continue processing this submission. We would also appreciate any suggestions for alternative expert reviewers.

The peer-review request and the contents of the manuscript are confidential. You must also declare if you have a conflict of interest with the content of the manuscript or the authors.

The reviewer shall not recommend unrelated papers for authors to cite. If the reviewer considers the paper is lacking more than two citations of the relevant works that would not prove enough the case, the reviewer shall give decline recommendation.

Thank you for considering this request.

Computers, Materials & Continua

[871 Coronado Center Drive, Suite 200,](#)[Henderson, Nevada, 89052, USA](#)

Tel: +1 702 673 0457

Fax: +1 844 635 2598

Office Hours: 9:00-17:00 (UTC -8:00)

Home Page: <https://techscience.com/journal/cmc>Paper Submission: <http://cs.tspsubmission.com:82/homepage>Email: cmc@techscience.com

Title: "Student Engagement Prediction Using Machine Learning Algorithms: How to Keep Students Engaged in Online Learning?"

Abstract: "Educational research is increasingly emphasizing the potential of student engagement and its impact on performance, retention and persistence. This construct has emerged as an important paradigm in higher education field for many decades. However, evaluating and predicting student engagement level in online environment remains a challenge. The purpose of this study is to propose an intelligent predictive system to predict student engagement level and then provide students with feedback to enhance their motivation and dedication. A student can be classified into three different categories (Not Engaged, Passively Engaged and Actively Engaged). We applied three different Machine Learning (ML) algorithms namely Decision Tree (DT), Support Vector Machine (SVM) and Artificial Neural Network (ANN) to students' activities recorded in Learning Management System reports. The results demonstrate that ML algorithms could be used to predict student engagement level. In addition, according to the performance metrics of the different algorithms, the ANN has a greater accuracy rate compared to other classification techniques (SVM and DT). Based on these results, the intelligent predictive system sends feedback to students and alerts the instructor once a student engagement level is decreasing. The instructor can identify difficulties that students face during the course and motivate them through e-mail reminder, course messages or scheduling an online meeting"

Review Thanks of [18725] From CMC

1 pesan

Tsp Online System <admin@tspsubmission.com>
Kepada: "Dr. Rusli" <rusli.siman@unm.ac.id>

28 Maret 2021 pukul 13.53

CMC-Computers, Materials & Continua
ISSN: 1546-2226

Dear Dr. Dr. Rusli,
Thank you for completing the review of the submission, "Student Engagement Prediction Using Machine Learning Algorithms: How to Keep Students Engaged in Online Learning?", for CMC-Computers, Materials & Continua. We appreciate your contribution to the quality of the work that we publish.

Computers, Materials & Continua

[871 Coronado Center Drive, Suite 200,](#)[Henderson, Nevada, 89052, USA](#)

Tel: +1 702 673 0457

Fax: +1 844 635 2598

Office Hours: 9:00-17:00 (UTC -8:00)

Home Page: <https://techscience.com/journal/cmc>Paper Submission: <http://cs.tspsubmission.com:82/homepage>Email: cmc@techscience.com