

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
Astana IT University

Scientific Journal of Astana IT University

VOLUME 11, SEPTEMBER 2022

ISSN (P): 2707-9031
ISSN (E): 2707-904X

Founded in 2020 (published 4 times a year)

A certificate is registered and issued by
The Ministry of Information and Social Development of
the Republic of Kazakhstan No. KZ200074316 dated January 20, 2020

Included in the list of publications recommended by
The Committee for Quality Assurance in Science and Higher Education of
The Ministry of Science and Higher Education of the Republic of Kazakhstan
No. 104 dated March 18, 2022

Thematic areas:

- Information Security
- IT in Education and Training
- Information and Communication Technologies
- IT in Management, Administration, Finance and Economics
- Project Management

The author is responsible for the accuracy of published information, quotes and other statements.

*Approved for publication by the Scientific and Technical Board of Astana IT University
(Minutes No.1 dated October 5th, 2022)*

Editorial office address: Kazakhstan
Astana, 010000, Mangilik El 55/11, Pavilion EXPO.
tel.: +7 7172 64 57 13
e-mail: science@astanait.edu.kz
web: <https://sj.astanait.edu.kz/>