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CERTIFICATE

This is to certify that

**Budsaba Inkiew, Wongpanya S. Nuankaew,
Thapanapong Sararat, Praty Nuankaew**

has contributed a paper titled

**Machine Learning-Based Clustering for Tuberculosis Patient
Segmentation by Risk Factors and Symptom Profiles:
A Case Study of Ngao District, Lampang**

in the

**4th WORLD CONFERENCE ON
INFORMATION SYSTEMS FOR
BUSINESS MANAGEMENT**

Bangkok, Thailand

The paper has also been selected for publication in the (ISBM)
Conference as per fulfilment of guidelines issued by Springer.

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DIGITAL PLATFORM : ZOOM

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