Universiti Teknologi PETRONAS

Operations Reporting Enhancement (ORE)

by

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CERTIFICATION OF APPROVAL

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CERTIFICATION OF ORIGINALITY

This is to certify that I am responsible for the work submitted in this project, that the original work is my own expect as specified in the reference and acknowledgements, and that the original work contained herein has not been undertaken or done by unspecified sources or persons.

Yours sincerely,

_____

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ABSTRACT

Operation Reporting Enhancement (ORE) is an automation script developed as business process automation (BPA) initiative by PETRONAS Malaysia Petroleum Management (MPM). It is developed to increase the efficiency of data consolidation activity used within the organization. Data consolidation activity is a business process undertaken to centralize all production data collected from various operation reporting documents. These operation reporting documents are sets of production data collected from multiple oil and gas fields controlled and managed by PETRONAS. These sets of production data will be combined into a centralized document – the master template. After that, sets of summary reports will be generated from the master template, and then emailed to all organization personnel. Then, these sets of production data will be mapped into static maps of oil and gas fields. Hopefully, the automation script will increase the efficiency of data consolidation activity in PETRONAS MPM, which is currently done manually.

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